[REGISTERED No. 27.]

No. 1 of 1892.

SUPPLEMENT TO
The Calcutta Gazette.

WEDNESDAY, JANUARY 6, 1892.

OFFICIAL PAPERS.

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THE MONSOON OF 1891.

THE following report is published for general information.

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,
Secretary to the Government of Bengal.

The 5th January 1892.

METEOROLOGICAL SUMMARY OF THE MONSOON PERIOD OF 1891.

THE following statement is intended to give a very brief history of the more important features which have characterised the south-west monsoon period and the preceding months of 1891.

The weather conditions in January were of fairly normal character, and for the greater part of the month typical north-east monsoon weather obtained. The number of barometric depressions originating in or coming from Northern India was small, and only two in any way affected the weather in Bengal, and of these one only was of any considerable importance. One small depression advanced over Bengal from the 8th to the 10th, but it gave no rain, though weather conditions were distinctly disturbed by it, and a wave of high temperature passed over the province in front of it. The second depression passed through Behar and Bengal on the 23rd and 24th, and gave fairly general, and in some cases heavy, rain in all districts except East Bengal and Orissa. With the exception of these two periods, weather was generally fine with almost cloudless skies. For the whole month the mean pressure was in excess of the normal at the majority of stations, but the variations were not usually more than a hundredth of an inch, while temperature was also higher than usual by about a degree. Cloud proportion was in distinct defect at almost all stations; but, on the other hand, humidity was higher than usual. The rainfall in Behar and in Chutia Nagpur equalled rather more than an inch, and was very distinctly in excess of the normal. The falls in South-West and North Bengal averaged

from about a quarter to a third of an inch, and were rather less than the normal falls; but Orissa and East Bengal were almost rainless throughout the month.

On the first day of February conditions in Bengal were fairly normal, but another deep depression quickly made its appearance over North-Western India, and on the 2nd of the month an exceptionally deep storm covered the north-west of the Punjab. The greater part of this storm broke up against the Himalayas, giving apparently a heavy fall of snow. In connection with this storm also, a depression advanced over Bengal, giving a great increase of temperature in front of it, and a few showers also fell in Behar at the same time. In the rear of this depression a wave of exceptionally cold air advanced over Bengal, produced probably by the heavy fall of snow in the Himalayas, and in the three days from the 4th to the 7th a fall of temperature, varying from about 10° to 20°, took place over the province, and temperature became about 10° below the normal Conditions then became more normal until about the 20th, when another deep depression appeared over the Punjab, which was accompanied by very steep baric gradients and a strong cyclonic circulation of winds. The depression advanced in a south-easterly direction towards Sirsa, and on the 22nd it, to a great extent, filled up and disappeared, but it left a large low pressure area which stretched over Bengal, and general rain set in over the greater part of the province from about the 21st to the 25th. During this period the falls equalled about three times the normal for the whole month in East and North Bengal, they were about twice as large as the normal fall in South-West Bengal and North Behar, while the falls were also considerably in excess of the normal in Orissa and South Behar, and about normal in Chutia Nagpur. The actual average falls in February ranged from more than three inches in East Bengal to about two-thirds of an inch in South Behar and Chutia Nagpur. Pressure during the month was everywhere above the normal, the excess ranging from about two to four hundredths of an inch, while temperature was slightly below the normal in all districts except North Bengal, where there was a slight excess. The air was also more humid than usual in all districts except South-West Bengal and Orissa where it was drier, and over the whole province the cloud proportion was about equal to the normal.

The meteorological conditions which obtained in March were of a most unusual character. Almost throughout the month, instead of the fine settled weather with steadily increasing temperature, with an almost complete absence of rainfall and cloud, and the low humidity which usually prevails, weather was in a more or less disturbed condition, rain was general, and at many stations very heavy on many days in the month; skies were heavily clouded, temperature was abnormally low, and the air was very damp. This reversion of the ordinary weather conditions was brought about by the existence of disturbed atmospheric conditions, in most cases connected with feeble barometric depressions, for almost the whole month. On the 4th a shallow barometric depression formed over the central parts of India and the Peninsula, which at once caused disturbed weather and rain in Bengal. This depression drifted slowly in an easterly direction over the province and affected the weather up till about the 10th. On the 11th a very decided barometric depression formed in North-Western India, which afterwards drifted away in an easterly direction along the line of the Himalayas, and this again caused weather to be rather stormy in Bengal. From about the 15th to the 18th conditions became more settled, when once again disturbances set in, the disturbance apparently commencing in the hills and in the higher strata of the atmosphere. On the 22nd a distinct area of low pressure had formed, which stretched from the south of Behar through Chutia Nagpur and South-West Bengal into Orissa, and this afterwards travelled in an easterly and south-easterly direction to the north-east angle of the Bay, and then into Burma, which it reached on the 25th. During the whole of this period very disturbed weather, with many local storms, obtained, and rainfall was frequent up to the 26th, but for the remainder of the month fine settled weather with almost cloudless skies and complete absence of rain set in. The rainfall in March was therefore generally excessive. It was about six times the normal amount in Behar, about five times the normal in Chutia Nagpur, four times in Orissa, three times as large as usual in South-West and North Bengal, while in East Bengal it was almost normal in amount. Generally the falls averaged from about two-and-a-half to four-and-a-half inches. Notwithstanding the disturbed conditions, the mean pressure in Bengal was in excess of the normal, the usual excess averaging about three or four hundredths of an inch. The mean

temperature for the whole month was about 4° in defect, but during the second week the day temperature at many stations was 10° and 12° lower than usual. Owing to the abnormal disturbances and rainfall, both humidity and cloud proportion were also largely in excess of the normal.

In April, for about the first twenty days, fine weather, of the usual hot season type, obtained, and with the rapid rise of temperature which then took place the unusually low temperature which had existed in March was rapidly replaced by a moderate excess above the normal. From the 20th of April, however, a shallow low pressure area was formed in the west and centre of the province accompanied by the usual cyclonic circulation of winds, and a period of disturbed weather with numerous local storms and rain set in over the province which lasted till almost the close of the month. The rainfall in East Bengal in April was about a third larger than the normal, and this division received 5·18 inches. In all other divisions the falls were in defect of the normal. In North Bengal the fall was a little less than two inches, or about two-thirds the normal. South-West Bengal received an inch or only half the usual fall. In Orissa the fall was only half an inch or about two-fifths of the normal, while in Behar and Chutia Nagpur the falls only averaged between one and two tenths of an inch, and generally were only equal to a fourth of the normal fall. Pressure in April was above the normal, the excess equalling about two or three hundredths of an inch. The mean temperature of the whole province for the month was nearly normal, though in Orissa, East and North Bengal and South Behar slight excess temperatures were registered; while, on the other hand, slight defects were reported in South-West Bengal, North Behar and Chutia Nagpur. Humidity was, if anything, a little lower than usual, while cloud proportion was generally higher.

In May, weather conditions almost throughout the month were unusually disturbed, and local storms with rain were numerous, particularly in the second and third weeks, and in the southern, eastern and northern districts. After this also conditions continued disturbed with more frequent rainfall, and there were many local storms up to the close of the month over almost the whole Province, the rainfall being due, first to the action of a small storm from the Bay, which advanced across the Orissa Coast on the 24th, and, second, to a small depression which advanced from the Bay between Saugor Island and Chittagong on the 29th, and which gave moderate rain to the southern and eastern districts. The rainfall during May was rather lighter than usual during the first week It then became heavier, and was in excess of the normal in all districts except South Behar, Orissa, and Chutia Nagpur for the second and third weeks, but during the last part of the month, it became exceedingly heavy and was in large excess in all districts. Thus the falls in East Bengal averaged fourteen inches, or nearly five inches more than usual. North Bengal received nearly twelve inches, or three-and a-third inches in excess; South-West Bengal more than nine inches, or nearly four inches more than usual. North Behar registered five-and-a-half inches, or two and a third inches in excess, and Orissa also rather more than five inches or an inch-and-a-third in excess. South Behar and Chutia Nagpur received about four inches or roughly an inch-and-a-half more than usual.

The variations of pressure from the normal in May were a little irregular, but for the whole month there was a slight excess, generally equalling about one or two hundredths of an inch. Temperature was at first in considerable excess of the normal, but at the close of the month it was equally in defect owing to the heaviness of the rainfall, and the average for the whole month showed a defect of half a degree. Humidity and cloud proportion were both rather largely in excess of the normal during May.

During the first five months of the year, or in what may be termed the pre-monsoon months, it will be seen that the meteorological conditions in Bengal were very unusual. It is true that in January conditions were fairly normal, but even in this month the rainfall in Behar and Chutia Nagpur was about twice as heavy as usual, while defective falls were received elsewhere. In February conditions were very disturbed owing to the unusual nature and intensity of the cold weather storms, and the Province generally received a rainfall about twice or three times its normal amount. In March the conditions were exceptionally disturbed and stormy, and rainfalls were usually from about twice up to seven times the usual amount. April, on the other hand, was a fairly quiet and normal month, though rainfalls were generally rather largely in defect; but in May

disturbed conditions again commenced and continued almost throughout the month, with the result that rainfalls were generally from 50 to 75 per cent. in excess. For the whole period of five months, it may be said that the rainfall in Bengal was about 92 per cent. in excess of the normal. All the meteorological divisions, indeed, showed a large excess for this period, the smallest being 38 per cent. of excess in East Bengal, and the largest 168 per cent. in excess in South Behar, and 137 per cent. in excess in North Behar; while all the other divisions showed excess amounts of from 50 to 90 per cent.

The monthly mean pressures, recorded throughout the five months, were in distinct excess of the normal, the excess usually being about 0·02″ or 0·03.″ Temperature, on the other hand, was in moderate excess in January, about normal or in slight defect in February, April, and May, and in very large defect in March. Humidity and cloud proportion were above the usual amounts almost throughout this period.

In the Bay there were no signs of any advancing monsoon current up to the 20th of May, when rather strong winds set in representing probably the first advance of the monsoon. A small storm, which was of moderate intensity at sea, formed in front of this advance, and it afterwards travelled in a north north-westerly direction, crossing the coast near Gopalpur on the 24th, and giving a wave of moisture-laden winds and rain to Bengal generally. Another small depression formed in this advance of monsoon winds in the northern half of the Bay, and advanced across the Sunderbuns during the 29th of May, again giving a slight advance of monsoon winds to South Bengal, but though a burst of monsoon winds and rain was thus given to Bengal in May, yet the monsoon current did not establish itself permanently over the province at this time, and it again retreated into the centre or south of the Bay.

The meteorology of June was most unusual. In ordinary years, after the preliminary advance of the monsoon winds, which takes place in the south of the Bay in the second half of May, similar advances usually take place early in June, and these, spreading over Bengal, give the ordinary monsoon rains which commence on an average date of the 12th to the 15th, and continue steadily up till the middle of October. In the present year, owing apparently to the unusual weakness of the general monsoon current, the monsoon winds were not able to advance further than the middle of the Bay up till quite the end of the month, and hence the general monsoon rainfall did not begin in Bengal until the 27th, or a fortnight later than usual. Also, even when the current did set in over Bengal, its strength appeared to be much below the normal, and consequently the wind velocities at the coast stations round the head of the Bay during June were much lower than usual. The rainfall in this month was therefore comparatively very small, even though there had been an advance of monsoon winds at the end of May which had given good rain over a large part of the Province during the first three days of June. In East Bengal there was a fall of nearly thirteen inches, or five inches less than usual; North Bengal received nine inches, or more than eight inches in defect; Orissa only registered two-and-a-half inches, or more than six inches less than usual; South-West Bengal received six inches or four inches less than the average; South Behar averaged five-and-a-half inches of rain, or rather more than an inch in defect; Chutia Nagpur received rather less than four inches, and was nearly four-and-a-quarter inches in defect; while, finally, North Behar received more than eight inches of rain, or practically a normal fall. In some of the smaller districts the falls indeed were only from 10 to 20 per cent. of the normal, and such was the case in Pooree and Cuttack.

In June the variations of pressure from the normal were considerable in different districts and at neighbouring stations, and also at different periods of the month; but the variations to a great extend neutralized one another, and consequently the mean pressure for the month varied only slighly from the normal pressure, usually being in defect by one or two hundredths of an inch. Temperature was on the average about one degree in excess of the normal, but the excess was largest in Orissa, South-West Bengal and South Behar. In cloud proportion and humidity the variations were unimportant.

In July the monsoon current blowing over Bengal, as judged by the wind velocities at the coast stations, appeared to be stronger than usual, but the rainfall was only in excess of the normal in North Bengal, while elsewhere it was rather defective. The current was fairly steady in character, and the number of barometric depressions or feeble cyclonic storms forming in the Bay, was smaller than

usual. Only one depression of any importance formed at the head of the Bay on the 24th and passed inland, and there was also one cyclonic storm which generated in the east of the Bay, but which did not reach the land until August. For the first twenty days of July, conditions were of ordinary rather light monsoon character in Bengal and over the Bay, but on the 22nd a distinct low pressure area formed in the north-west angle of the Bay, which continued almost unchanged in position and intensity up to the 24th, when it developed rather rapidly, and on the morning of the 25th a very definite and rather influential barometric depression existed, the centre of which was over the Sunderbuns to the east of Saugor Island. It then advanced in a north-westerly direction, and on the 26th the centre of the storm was in Chutia Nagpur; on the 27th it was near Jubbulpore and Sutna; on the 28th near Jhansi; on the 29th to the west of Ajmir; and on the 30th it was near Bikanir, and was rapidly filling up. The storm was accompanied by a strong cyclonic circulation of winds, and in its rear a heavy wave of moisture-laden winds spread over Bengal and over Northern India generally, and from the 26th to the 30th of July very heavy rain fell in Bengal. In July, therefore, the rainfall in North Bengal equalled about sixteen-and-a-half inches, or nearly two-and-a-half inches more than usual; in East Bengal also about sixteen-and-a-half inches fell or practically a normal fall; in Chutia Nagpur the fall averaged nearly thirteen inches or slightly less than the normal; and in South-West Bengal rather more than eleven inches fell, or again slightly less than the normal. Behar received between ten and ten-and-a-half inches or about two inches less than the normal, while in Orissa a little more than nine inches fell, or about three-and-a-quarter inches less than usual. In the following districts the falls were very scanty and did not equal half the normal amounts:—Pooree and Shahabad; while in the following the falls were less than two-thirds the usual fall:—Howrah, North Bhagulpore and Sarun.

In July pressure was, on the whole, in decided defect of the normal for a considerable portion of the month, while temperature was almost normal in all divisions except South Behar, where a distinct excess was registered. The average humidity was practically normal, while the cloud proportion was, if anything, larger than usual.

In August the moonsoon current, as judged by the wind velocities, was in distinct defect of the normal almost throughout the month, but as no less than four feeble barometric depressions and one cyclonic storm affected the weather, and as all of these either passed through or affected the south-western districts of the Province, these hence received rather abundant rainfall, while the remainder of the Province, and particularly the northern divisions, received falls decidedly below the normal. The cyclonic storm was formed in the Bay on the 31st of July to the north-west of Diamond Island, and commenced to move in a north-westerly or north north-westerly direction. On the 1st of August it was to the west of Akyab, and was giving very heavy weather in the Bay On the morning of the 2nd, the storm centre was nearly over the Sunderbuns, between Chittagong and Saugor Island, when it suddenly changed the direction of its advance and travelled almost due west along the face of the Sunderbuns, and on the 3rd the centre was to the west of Balasore. It then advanced through Chutia Nagpur to Sutna where it filled up on the 6th. On the 7th a small depression which had formed near the north-west angle of the Bay passed inland to the west of Saugor Island, advancing in a north-westerly direction. This passed into the North-West Provinces and the Punjab, and on the 10th it was near Delhi. On the 12th a depression was formed with a centre near Jessore, which afterwards moved in a westerly and north-westerly direction and filled up near Allahabad. This small storm gave very heavy weather near the head of the Bay. Again, on the 20th, another depression formed in the north-west angle of the Bay and passed inland near Balasore on the 24th, and again on the 31st a new depression was formed off the South Orissa Coast which gave moderate rain to Orissa.

The rainfall in August was heaviest in Orissa, where nearly sixteen inches fell, or four-and-a-half inches more than the normal. Chutia Nagpur received twelve-and-a-half inches, or nearly an inch in defect of the normal. In South-West Bengal the falls averaged nearly eleven inches or about two inches less than usual. In East Bengal ten-and-a-half inches fell, or no less than five-and-a-half inches in defect. South Behar received nine-and-a-half inches or about two inches less than the normal fall. The falls, however, were still more decidedly in defect in North Bengal and North Behar. North Bengal received only a little more than six inches, or rather more than seven-and-a-half inches

less than usual, while in North Behar the actual falls averaged seven-and-a-half inches or four inches in defect. The following districts received falls during August of less than half the usual amount:—Moorshedabad, Noakholly, Pubna, Maldah, Dinagepore, Rungpore, Cooch Behar, Julpigoree, and Purneah; while falls of from half to two-thirds the normal were recorded in Nuddea, Khoolna, Jessore, Chittagong, Furreedpore, Tipperah, Bogra, and North Bhagulpore.

The mean pressure for August was again not far removed from the normal. Compared with the general pressure for the province, there was slightly deficient pressure in the north-west angle of the Bay and the adjacent parts of South-West Bengal, which apparently determined the position of formation of the greater number of barometric depressions during the month. Temperature was below the normal by moderate amounts in Orissa, and slightly below it in Chutia Nagpur, but in all other divisions excess temperature was registered, the usual excess equalling from half to one degree. Humidity was almost normal during the month, but cloud proportion was, if anything, slightly in excess of the normal.

In September again the monsoon current appeared to be particularly weak, but it continued to blow feebly over Bengal up till almost the close of the month, and slight rainfall was fairly general in all districts up to the 28th or 29th. The number of shallow barometric depressions which formed in the north-west angle of the Bay during the early part of the month was rather considerable; indeed, in the first eighteen days, four depressions generated and passed westwards and north-westwards through Orissa and South-West Bengal, though they were all so feeble that they scarcely require separate descriptions, and later on a depression advanced from Burma across the Bay, and also passed through Orissa on the 22nd of September. Most of these moved in a north-westerly direction along a trough of low pressure, which extended from the head of the Bay over part of the Central and North-West Provinces. The influence of the depressions was, however, rather limited, and the rainfall caused by them, though generally heavy near the track of the centre, was almost entirely confined to the western and south-western districts of the Province. Hence rainfall was in excess of the normal in Orissa and Chutia Nagpur, while it was in decided defect elsewhere, and particularly in the northern districts, such as North Behar and North Bengal, where the falls only equalled about a third of the normal quantities.

The rainfall in September in Orissa was the very large amount of eighteen-and-a-half inches, or more than eight inches in excess of the normal amount, while the next largest fall was in Chutia Nagpur, which only received nine inches or a little more than the usual fall in this month. The falls in South-West and East Bengal equalled about six inches, while in South Behar and North Bengal they were less than five inches, and in North Behar the falls only averaged the small amount of three-and-a-half inches. The defects in these districts in September were no less than the following amounts:—North Bengal eight-and-a-half inches, North Behar six-and-a-half inches, East Bengal six inches, South Behar three-and-a-half inches, and South-West Bengal two-and-a-half inches. In this month the following districts received falls of about a quarter of the usual amount:—Rajshahye, Rungpore, North Bhagulpore, Durbhunga and Mozufferpore; while falls of only about half to a quarter of the usual amount were registered in Burdwan, Beerbhoom, Nuddea, Chittagong, Noakhally, Tipperah, Mymensingh, Pubna, Bogra, Maldah, Dinagepore, Cooch Behar, Julpigoree, Darjeeling, Purneah, Chumparun, Sarun, Gya and Monghyr. On the other hand, in the district of Cuttack the fall equalled no less than 129 per cent. in excess of the normal, and about 50 per cent. in excess in Pooree and Balasore.

The only storm worthy of record during September was one which passed into the Indian region as a definitely formed storm from Siam. On the 20th it had advanced in a westerly direction from Siam, and its centre was in the Gulf of Martaban to the south of Rangoon. It then advanced in a west-north-westerly direction with such great rapidity that by the evening of the 22nd it had crossed the whole of the Bay of Bengal and was passing into Orissa, close to False Point. The small storm was, however, of no particular intensity; the lowest pressure reported at False Point being 29·436 inches, and it gave only squally weather in the Bay and at the coast stations during its passage. It afterwards passed into the Central Provinces, where its movement became northerly; later on it moved in a north-easterly direction till it reached Allahabad, where it practically filled up.

Pressure in September was very irregular owing to the number of depressions formed, but the means for the whole month were very nearly normal in South-West Bengal, below it by 0·02 inch in Orissa, Chutia Nagpur, and the west of Behar, and above it elsewhere by variable amounts ranging up to 0·03 inch. Owing to the distribution of the rainfall, temperature was considerably below the normal in Orissa, and slightly below it in Chutia Nagpur; but elsewhere it was above it, the excess being larger than one degree in North and South Behar and North Bengal. The variations of humidity and cloud proportion during September were not important.

In October the weakness of the south-west monsoon current again made itself felt by the unusually early period at which it withdrew from Bengal, and by the early cessation of the monsoon rains, for the rainfall due to this current practically entirely ceased on 5th October instead of in the middle of the month as happens in normal years. There was also an unusual absence of cyclonic storms or of barometric depressions such as are usually formed in this month, and, beyond a depression of very moderate dimensions, which formed in the south-west of the Bay towards the close of the month, and which passed across the south of the Peninsula, there was no storm or even disturbed weather of any kind. Fine settled weather therefore prevailed in Bengal almost uninterruptedly from about the first week in the month, and winds were more strongly northerly, and the northerly winds were also stronger than usual in the last three weeks of October, while temperature, humidity and cloud proportion, owing to the setting in of northerly winds, were all considerably below the normal during the month. Pressure, on the other hand, was unusually high almost throughout the month, and was considerably in excess of the normal for the period.

Rainfall was, however, unusually scanty, the average falls in the large meteorological divisions ranging only from 2·02 inches in North Bengal to 0·53 inch in Chutia Nagpur, while the amounts in defect varied from nearly five inches in Orissa to about two inches in Behar. Expressed as a percentage of the normal fall for October, the actual rainfall of the whole Province only equalled about 31 per cent., while in such divisions as Chutia Nagpur, South-West Bengal, and Orissa the falls only equalled about 20 per cent., and no single division received as much as 50 per cent. of the normal fall. In the following divisions, indeed, the falls received were less than 10 per cent. of the usual amount for October:—Midnapore, 24-Pergunnahs, Howrah, Hooghly, Burdwan, Khoolna, Hazaribagh and Manbhoom; while falls less than 20 per cent. of the normal were received in Cuttack, Balasore, Nuddea, Jessore, Backergunge, Dacca, Darjeeling, South Bhagulpore and Lohardugga.

As a general rule, the review of the monsoon period concludes with the month of October; but in the present year the meteorology of the first half of November has been so important that it is included in the monsoon period. Indeed, in November, two very severe cyclones formed in the Bay, one of which appeared in the Indian region on the 1st of November and afterwards travelled through Bengal, giving moderate amounts of rain, while the second was formed on the 21st to the west of the Andamans and advanced rapidly in a north-easterly direction crossing the Burma Coast on the night of the 23rd, or on the early morning of the 24th, between Akyab and Diamond Island, and then rapidly broke up in the Arakan Hills. It was a very severe storm, and did much damage at sea, and it gave rather heavy rain to Burma; but as the rainfall did not extend to Bengal, this review of the meteorology of the monsoon period has, with the accompanying tables, been closed on 15th November.

The cyclone of the early part of November was, on the whole a small one in diameter, but its fierceness was very great and was quite equal to the majority of cyclones which have been previously described. It is probable that this cyclone was generated in the Gulf of Siam, and that it crossed the Malay Peninsula into the Andaman Sea as a severe storm. It certainly existed as a violent storm on the 1st of November, a little to the east of the Andaman Islands, and it crossed Port Blair on the night of the 1st and morning of the 2nd. Even at this time it was a very severe storm, though the diameter of the hurricane winds was probably not more than 60 or 80 miles, and it did a large amount of damage both at sea and on land at the Andamans. It then moved in a west north-westerly or north-westerly direction towards the Ganjam Coast, and as it began to approach that coast, it increased very decidedly in intensity, and became one of the most severe storms on record. On the morning of the 4th it was to the south-east of Gopalpur, but as it approached the coast it changed the direction of its movement and

travelled first in a northerly and then in a north-easterly direction. The centre passed very close to False Point between 4 and 5 P.M. of the 5th, and passed over the Intermediate Light-vessel off the mouth of the Hooghly at 2-30 A.M. of the 6th.

It then passed through South Bengal between Saugor Island and Chittagong, and passed through East Bengal into Sylhet and Upper Burma and Upper Assam. In its progress it did a large amount of damage to the shipping and on land, but as it passed into South Bengal it commenced rapidly to decrease in intensity and soon became a feeble storm.

It brought up exceptionally heavy rain to Orissa, Pooree receiving 13·61 inches, Kendrapara 15·7 inches, &c., during the storm; but the rainfalls in South and East Bengal were much lighter. Owing to the action of the storm, in the first fifteen days of November Orissa received an average fall of no less than 6·24 inches, while East Bengal received rather more than two inches. The falls in South-West Bengal averaged an inch and in North Bengal six-tenths of an inch. A few showers fell in South Behar and Chutia Nagpur, but North Behar received no rain. The rainfall for the first half of November in Orissa was about seven times the normal, and in North Bengal it was more than four times the usual amount. In South-West Bengal it was three-and-a-half times the normal, and in East Bengal it was two-and-a-half times as much as usual, but in the other districts the falls were decidedly less than usual. The rainfall, however, was not evenly distributed, and in North Bengal the falls were particularly irregular: the district of Bogra received about two inches, Pubna and Rajshahye about an inch, Maldah, Dinagepore, Rungpore and Darjeeling less than a fifth of an inch, and Julpigoree and Cooch Behar practically no rain at all. The whole of North Behar was rainless, and the whole of South Behar was also practically rainless except the Sonthal Pergunnahs district, where a little less than half an inch fell. In Chutia Nagpur the falls in the Singbhoom district averaged nearly half an inch, while the Hazaribagh, Lohardugga and Manbhoom districts received falls varying up to about a fifth of an inch. In the other divisions the falls were more copious and also rather more regular. In East Bengal, Tipperah received nearly four inches, Dacca about two-and-a-half inches, Chittagong Hill Tracts and Furreedpore a little less than two inches, and Chittagong, Backergunge, Noakhally, and Mymensingh from one to one-and-a-half inches. In South-West Bengal the Saugor Island district received two-and-a-half inches, Jessore, Khoolna, Moorshedabad, and Beerbhoom between one and two inches, Nuddea, Bankoora, Burdwan, and 24-Pergunnahs about half an inch, and Midnapore, Howrah, and Hooghly about a quarter of an inch. The falls were particularly heavy in Orissa, where the Pooree and Cuttack districts received an average fall of about eight inches and the Balasore district about four inches. It will therefore be seen that the meteorology of November was very important in so far as the rainfall was concerned.

The principal features of the monsoon season of 1891, and of the months preceding it in Bengal, have therefore been—

1. Pressure was almost uniformly in excess of the normal by amounts of about 0·02″ to 0·03″ up to the commencement of the rains.

2. Temperature was in slight excess at the commencement of the year, and afterwards generally slightly in defect up till the rains, except in March, when the defect was particularly large.

3. The number of cold-weather storms which occurred in the early part of the year was particularly large, and the storms themselves were exceptionally influential, and in March the weather was disturbed from the occurrence of storms for almost the whole month.

4. The hot weather storms of the type of nor'-westers were very numerous in May, but of about the usual number in the other months; these storms were of about the normal character, and none of those reported were of exceptional intensity, and no tornadoes appear to have formed.

5. Rainfall in the pre-monsoon period was exceptionally abundant, and the general rainfall in the Province was nearly twice as large as usual, the excess being largest in North and South Behar and smallest in East Bengal.

6. The actual monsoon rains set in over Bengal about a fortnight later than usual, and the rains did not break until June 27th or 28th.

7. Even from the period of the commencement of the monsoon up till its close, the monsoon current was particularly weak and gave generally only very light rain.

8. About the normal number of barometric depressions or feeble cyclonic storms were formed in the Bay during the monsoon, but these showed an unusually strong tendency to advance through Orissa into the Central Provinces, Chutia Nagpur, &c.

9. Hence rainfall was frequently in excess of the normal in Orissa, while it was in defect in all other districts, and for the monsoon season while Orissa received about 10 per cent. more rainfall than usual, the other divisions received from 10 to 30 or even 40 per cent. less than usual, the largest defects equalling about 30 to 40 per cent. occurring in parts of North Bengal and North Behar.

10. The monsoon current also retreated from Bengal very much earlier and much more rapidly than usual, the rainfall ceasing on about the 5th of October, instead of in the middle of October as in normal years, and the closing of the rains was thus about ten days earlier than usual.

11. As the monsoon began a fortnight late, and closed ten days earlier, the monsoon period was unusually short and extended over only a little more than three months.

12. In the earlier part of the retreat of the south-west monsoon down the Bay, no storms of importance were formed, and October was an unusually quiet month, but in November two very fierce cyclones formed, one of which advanced into the north-west angle of the Bay and into Bengal, and the other into Burma, and both gave rather heavy rain.

13. The rainfall of the first half of November was therefore very important, and general rain was received in the south-western, southern, and south-eastern districts of the province.

14. The following tables give briefly the amount and variation of the rainfall in each of the seven meteorological divisions month by month for the monsoon season the 1st of May to 15th November, inclusive.

Actual Rainfall in inches.

Meteorological Divisions.	May.	June.	July.	August.	September.	October.	1st—15th November.	Year.
Orissa ...	5·18	2·42	9·29	15·89	18·45	1·31	6·24	58·78
South-West Bengal ...	9·18	6·17	11·22	10·73	6 45	0·73	0 98	45·46
East Bengal ...	14·02	12·97	16·52	10·38	6·10	1·73	2·02	63·74
North Bengal ...	11·91	9·38	16·45	6·36	4·96	2·02	0 60	51·68
North Behar ...	5·50	8·15	10·23	7·18	3·43	1·37	Nil	36·16
South Behar ...	3·95	5·63	10·30	9·47	4·50	1·50	0·11	35·46
Chutia Nagpur ...	3·92	3·74	12·74	12·62	8·92	0·53	0 14	42·61

Variation of actual Rainfall from the average in inches.

Meteorological Divisions.	May.	June.	July.	August.	September.	October.	1st—15th November.	Year.
Orissa ...	+ 1·31	— 6·37	— 3·21	+ 4·48	+ 8·20	— 4·85	+ 5·33	+ 4·89
South-West Bengal ...	+ 3·78	— 3·97	— 0·78	— 1·98	— 2·59	— 3·60	+ 0 70	— 8·44
East Bengal ...	+ 4·76	— 5·19	— 0·08	— 5·58	— 5·98	— 3·70	+ 1·25	— 14·52
North Bengal ...	+ 3·39	— 8·19	+ 2·37	— 7·51	— 8·46	— 2·36	+ 0·46	— 20·30
North Behar ...	+ 2·30	— 0·57	— 2·11	— 4·12	— 6·42	— 2·17	— 0 03	— 13·12
South Behar ...	+ 1·56	— 1·12	— 1·73	— 1·91	— 3·48	— 1·80	— 0 01	— 8·49
Chutia Nagpur ...	+ 1·27	— 4·21	— 0·42	— 0·94	+ 0·21	— 2·41	— 0 07	— 6·63

Variation expressed in a percentage of the normal fall.

Meteorological Divisions.	May.	June.	July.	August.	September.	October.	1st—15th November.	Year.
Orissa ...	+ 34	— 72	— 26	+ 39	+ 80	— 79	+ 585	+ 9
South-West Bengal ...	+ 70	— 39	— 7	— 16	— 29	— 83	+ 250	— 15
East Bengal ...	+ 51	— 29	— 1	— 35	— 49	— 68	+ 162	— 18
North Bengal ...	+ 40	— 47	+ 17	— 54	— 63	— 54	+ 329	— 28
North Behar ...	+ 72	— 7	— 17	— 36	— 65	— 61	— 100	— 27
South Behar ...	+ 65	— 17	— 14	— 17	— 44	— 55	— 9	— 19
Chutia Nagpur ...	+ 48	— 53	— 3	— 7	+ 2	— 82	— 33	— 13

15. Finally, the rainfall of the whole province from May to 15th November inclusive has averaged 47·70 inches, while the normal fall for the period is 55·79, so that the actual fall has been in defect of the normal by 8·09 inches. Expressed as a percentage, the actual rainfall of the province of Bengal for the monsoon season of 1891 has been in defect of the normal by about 15 per cent.

METEOROLOGICAL OFFICE, BENGAL,
The 10th December 1891.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

TABLE I.

Actual Monthly Rainfall of districts in Bengal for the months of May to 15th November 1891.

[*N. B.*—The figures in this table are the arithmetical averages of the corresponding figures in the returns for the sub-divisional stations.]

Division.	District.	May.	June.	July.	August.	September.	October.	1st—15th November.	Total.
Orissa ...	Pooroo ...	4·43	1·04	7·45	14·36	14·73	1·94	8·05	52·00
	Cuttack ...	5·67	1·29	9·54	16·74	21·09	1·08	7·57	62·98
	Balasore ...	5·27	4·28	10·36	16·20	18·70	0·99	3·92	59·72
South-West Bengal.	South Midnapore and South-West 24-Pergunnahs.	2·92	9·08	14·54	17·70	11·87	0·07	2·49	58·67
	Midnapore ...	7·07	7·23	10·93	18·52	9·01	0·28	0·26	53·40
	24-Pergunnahs ...	4·79	6·08	9·91	12·15	8·89	0·13	0·50	42·45
	Hooghly and Howrah	7·38	5·03	9·31	11·71	7·70	0·06	0·32	41·51
	Bankoora ...	10·04	6·28	11·10	14·61	5·10	1·16	0·51	48·80
	Beerbhoom ...	9·68	4·67	10·78	12·37	4·80	1·55	1·14	44·99
	Burdwan ...	11·35	4·71	13·17	12·04	3·87	0·36	0·48	45·98
	Nuddea ...	13·51	5·39	10·46	7·96	3·87	0·73	0·66	42·58
	Moorshedabad ...	10·94	7·14	10·77	4·29	6·34	1·71	1·23	42·42
	Khoolna and Jessore ...	10·64	6·43	12·48	7·00	5·34	0·74	1·78	44·41
East Bengal	Chittagong ...	9·74	8·98	43·29	17·35	6·76	2·72	1·25	90·09
	Chittagong Hill Tracts	12·80	12·43	24·73	11·46	5·31	2·02	1·87	70·62
	Backergunge ...	9·77	8·95	17·38	11·11	9·66	0·77	1·22	58·86
	Noakholly ...	15·38	12·99	23·39	10·39	5·72	2·80	1·14	71·81
	Furreedpore ...	9·60	7·95	11·56	5·84	4·66	0·96	1·89	42·46
	Dacca ...	15·30	13·12	10·34	9·28	5·62	0·75	2·46	56·87
	Tipperah ...	18·13	14·39	11·87	8·47	5·91	1·94	3·98	64·69
	Mymensingh ...	17·33	19·64	12·39	11·93	4·66	2·69	1·52	70·16
North Bengal.	Pubna	10·70	9·26	7·93	5·94	3·30	2·29	1·03	40·45
	Bogra ...	11·86	8·47	9·09	6·06	4·32	2·02	2·09	43·91
	Rajshahye ...	12·24	6·47	13·37	7·66	3·99	1·41	0·88	46·02
	Maldah ...	6·13	6·15	11·87	3·20	4·62	0·99	0·14	33·10
	Dinagepore ...	8·07	6·28	18·79	4·68	4·22	1·14	0·19	43·37
	Rungpore ...	16·17	9·24	21·47	3·96	3·25	4·65	0·15	58·89
	Julpigoree and Cooch Behar.	14·97	16·41	23·08	10·86	8·98	1·50	Nil	75·80
	Darjeeling Hill ...	14·15	14·50	23·58	16·20	13·91	2·08	0·11	84·53
North Behar	Purneah and North Bhagulpore.	9·61	5·49	10·45	6·09	4·36	1·02	Nil	37·02
	Durbhunga ...	4·22	7·78	12·37	10·43	2·23	0·93	Nil	37·96
	Mozufferpore ...	3·26	11·33	11·13	6·69	2·19	1·09	Nil	35·69
	Chumparun ...	6·38	7·99	9·81	8·95	3·33	3·69	Nil	40·15
	Sarun	1·59	9·89	7·08	6·68	4·38	1·01	Nil	30·63
South Behar	Shahabad ...	0·93	3·52	3·97	10·92	5·40	0·83	Nil	25·57
	Gya ...	1·22	5·60	9·30	9·67	3·24	1·14	Nil	30·17
	Patna ...	3·31	9·45	10·72	7·25	4·87	0·96	Nil	36·56
	Monghyr and South Bhagulpore.	5·13	6·03	13·37	9·60	3·39	1·55	Nil	39·07
	Sonthal Pergunnahs...	7·73	4·51	13·40	9·51	5·21	2·67	0·46	43·49
Chutia Nagpur.	Hazaribagh ...	4·29	4·25	12·92	11·49	8·11	0·51	0·15	41·72
	Lohardugga ...	2·80	2·04	12·00	14·52	11·23	0·24	0·12	42·95
	Manbhoom ...	4·51	5·03	15·02	10·27	6·32	0·38	0·22	41·75
	Singbhoom ...	4·28	3·74	9·57	17·30	11·30	1·32	0·48	47·99

TABLE II.

Variation of the average district actual Monthly Rainfall from the normal average for the months of May to 15th November 1891.

DIVISION.	DISTRICT.	May.	June.	July.	August.	September.	October.	1st—15th November.	TOTAL.
ORISSA	Pooree	+1·43	—7·38	—4·54	+2 48	+4·58	—6·24	+6·41	—3·26
	Cuttack ...	+2·16	—8·27	—2·77	+5·71	+11·76	—4·55	+6·80	+10·84
	Balasore ...	+0·52	—4·12	—2·65	+4·79	+7·60	—4·26	+3·25	+5·13
SOUTH-WEST BENGAL.	South Midnapore and South-West 24-Pergunnahs.	—1·88	—0·73	—0 92	+3·39	+0·42	—7 65	+1·93	—5·44
	Midnapore ..	+1·88	—2·11	—1·82	+4·59	+0·92	—3·99	+0·08	—0·45
	24-Pergunnahs ...	—1·07	—4·19	—2·29	—0·51	+0·07	—4·12	+0·21	—11·90
	Hooghly and Howrah	+1·91	—4·41	—3·37	—1·50	—0·52	—4 03	+0·09	—11·83
	Bankoora ...	+6·21	—4·06	—2·19	+0·88	—3·07	—2·30	+0·18	—4·35
	Beerbhoom ...	+6·27	—5·40	—2·16	—0·73	—5·08	—1·91	+1·01	—8·00
	Burdwan ...	+6·30	—4·17	+2·59	—0·06	—3·80	—3·61	+0·18	—2·57
	Nuddea ...	+7·14	—4·33	+0 22	—4·07	—4·72	—3·48	+0·37	—8·87
	Moorshedabad .	+5·68	—1·99	—0·11	—7·59	—4·06	—2·51	+1·01	—9·57
	Khoolna and Jessore	+3·85	—5·89	+1·29	—4·96	—3·60	—3·68	+1·47	—11·52
EAST BENGAL	Chittagong ...	—0·26	—20·65	+12·23	—6·10	—7·56	—3·94	—0·24	—26·52
	Chittagong Hill Tracts	+3·27	—6·48	+5·69	—6·98	—7·41	—4·99	+0·36	—16·54
	Backergunge ...	+2·11	—10·25	—0·60	—4·50	—2·46	—4·78	+0·09	—20·39
	Noakholly ...	+4·99	—14·33	+0·12	—14·28	—11·04	—3 57	—0·78	—38·89
	Furreedpore ...	+1·01	—4·60	—0·34	—6·22	—4·39	—3·48	+1·60	—16·42
	Dacca ...	+6·44	—0·13	—3·78	—3·83	—4·55	—3·70	+1·93	—7·62
	Tipperah ...	+8·00	—2·06	—1·95	—7·50	—5·44	—3·17	+3·40	—8·72
	Mymensingh ...	+7·63	+2·04	—1·20	—1·95	—8·38	—2·72	+1 31	—3·27
NORTH BENGAL.	Pubna ...	+3·59	—1·89	—2·64	—6·06	—7·12	—2·30	+0·78	—15·64
	Bogra ...	+4·07	—4·30	—3·66	—5·57	—6·04	—2·38	+1·78	—16·10
	Rajshahye ...	+6·37	—4·73	+1·78	—3·33	—7·87	—2 32	+0·70	—9·40
	Maldah ...	+1·64	—5·71	—0·12	—8·82	—6·43	—2·70	—0·04	22·18
	Dinagepore ...	+1·97	—7·34	+6 66	—7·04	—7·10	—2·41	+0·11	—15·15
	Rungpore ...	+4·94	—12·06	+7·48	—8·11	—10·19	—0·24	+0·07	—18·11
	Julpigoree and Cooch Behar.	+1·87	—14·67	+2·16	—11·59	—11·90	—3·79	—0·04	—37·96
	Darjeeling Hill ...	+3·30	—14·61	—11·27	—10·95	—4·73	—3·97	—0·06	—42·29
NORTH BEHAR	Purneah and North Bhagulpore.	+4·67	—6·01	—3·31	—7·59	—8·03	—2·59	—0·03	—22·89
	Durbhunga ...	+1·59	—0·25	+0·78	—0·32	—7·02	—1·99	—0·02	—7·23
	Mozufferpore ...	+0·80	+3·91	—0·29	—3·39	—6 80	—2·31	—0·04	—8·12
	Chumparun ...	+3·79	—0·20	—1·76	—2·99	—5·97	+0·15	Nil	—6·98
	Sarun ...	—0·41	+3·47	—5·10	—3·61	—3·07	—3·20	—0·03	—11·95
SOUTH BEHAR	Shahabad ...	—0 39	—1·68	—7·42	—0·59	—1·67	—2·47	—0·11	—14·33
	Gya ...	—0·55	—0·03	—2 93	—2·06	—3·55	—1·69	—0·14	—10·95
	Patna ...	+1·22	+3 21	—1·23	—3·23	—2·17	—2·29	—0·10	—4·59
	Monghyr and South Bhagulpore.	+2 68	—0·92	+1·77	—1·46	—4·52	—1·65	—0·12	—4·22
	Sonthal Pergunnahs...	+3·89	—4·44	+0·54	—2·41	—5·00	—1·08	+0·33	—8·17
CHUTIA NAGPUR.	Hazaribagh ...	+1·83	—3·92	—0·60	—2·09	—0·96	—2·46	—0·07	—8·27
	Lohardugga ...	+0·43	—5·47	—0·92	+0·83	+2·33	—2·48	—0·10	—5·38
	Manbhoom ...	+1·74	—3·05	+2·95	—2·93	—1·37	—2·96	+0·07	—5·55
	Singbhoom ...	+0 11	—4·56	—4·70	+3·47	+2·98	—1·63	+0·25	—4 08

TABLE III.

The variation of the average District Monthly Rainfall expressed as a percentage of the Normal Rainfall for the months of May to 15th November 1891.

Division.	District.	May.	June.	July.	August.	September.	October.	1st—15th November.	Total.
Orissa	Pooree	+48	—88	—38	+21	+45	—76	+391	—6
	Cuttack ...	+61	—86	—22	+52	+126	—81	+883	+21
	Balasore ...	+11	—49	—20	+42	+68	—81	+485	+9
South-West Bengal.	South Midnapore and South-West 24-Pergunnahs.	—39	—7	—6	+24	+4	—99	+345	—8
	Midnapore ...	+36	—22	—14	+33	+11	—93	+44	—1
	24-Pergunnahs ...	—18	—40	—19	—4	+1	—97	+72	—22
	Hooghly and Howrah	+35	—47	—27	—11	—6	—98	+39	—22
	Bankoora ...	+162	—39	—17	+7	—37	—66	+55	—9
	Beerbhoom ...	+184	—54	—17	—6	—51	—55	+777	—15
	Burdwan ...	+125	—47	+24	—1	—49	—91	+60	—6
	Nuddea ...	+112	—45	+2	—34	—55	—83	+128	—17
	Moorshedabad ..	+108	—22	—1	—64	—39	—59	+459	—18
	Khoolna and Jessore	+57	—48	+11	—41	—40	—83	+474	—21
East Bengal	Chittagong ...	—2	—70	+40	—26	—53	—59	—16	—23
	Chittagong Hill Tracts	+34	—34	+30	—38	—58	—71	+24	—19
	Backergunge ...	+28	—53	—3	—29	—20	—86	+8	—26
	Noakholly ...	+48	—52	+1	—58	—66	—56	—41	—35
	Furreedpore ...	+12	—37	—3	—52	—18	—78	+552	—28
	Dacca ...	+72	—1	—26	—29	—45	—83	+364	—12
	Tipperah ...	+79	—12	—14	—47	—48	—62	+586	—12
	Mymensingh ...	+79	+12	—9	—14	—64	—50	+624	—4
North Bengal.	Pubna ...	+50	—17	—25	—51	—68	—50	+312	—28
	Bogra ...	+52	—34	—28	—18	—58	—51	+571	—27
	Rajshahye ...	+109	—42	+15	—30	—66	—62	+389	—17
	Maldah ...	+37	—48	—1	—73	—58	—73	—22	—10
	Dinagepore ...	+32	—54	+55	—60	—63	—68	+137	—26
	Rungpore ...	+44	—56	+53	—67	—76	—5	+87	—24
	Julpigoree and Cooch Behar.	+14	—47	+10	—51	—57	—72	—100	—33
	Darjeeling Hill ...	+30	—50	—32	—40	—25	—66	—35	—33
North Behar	Purneah and North Bhagulpore.	+95	—52	—24	—55	—65	—72	—100	—38
	Durbhunga ...	+60	—3	+7	—3	—76	—68	—100	—16
	Mozufferpore ...	+33	+53	—3	—34	—76	—68	—100	—19
	Chumparun ...	+146	—2	—15	—25	—64	+4	Nil	—15
	Sarun ...	—21	+54	—42	—35	—41	—76	—100	—28
South Behar	Shahabad ...	—29	—32	—65	—5	—24	—75	—100	—36
	Gya ...	—31	—1	—24	—18	—52	—60	—100	—27
	Patna ...	+58	+51	—10	—31	—31	—70	—100	—11
	Monghyr and South Bhagulpore.	+109	—13	+15	—13	—57	—52	—100	—10
	Sonthal Pergunnahs...	+101	—50	+4	—20	—49	—29	+254	—16
Chutia Nagpur.	Hazaribagh ...	+74	—48	—4	—15	—11	—83	—32	—16
	Lohardugga ...	+18	—73	—7	+6	+26	—91	—45	—11
	Manbhoom ...	+63	—38	+24	—22	—18	—89	+47	—12
	Singbhoom ...	+3	—55	—33	+25	+36	—55	+108	—8

TABLE IV.

Monthly Rainfall of the Sub-divisional Rainfall-recording Stations in the Province of Bengal for the months of May to 15th November 1891.

METEOROLOGICAL DIVISION.	District.	Station.	May.	June.	July.	August.	September.	October.	1st—15th November.	TOTAL.
RISSA ...	Pooree ...	Pooree ...	3·72	1·03	3·50	14·26	13·97	1·00	15·91	53·39
		Khurdah ...	5·37	0·39	7·06	16·23	18·21	4·67	3·74	55·67
		Banpur ...	6·01	0·15	5·22	9·54	8·17	0·94	1·50	31·53
		False Point ...	2·63	2·59	14·00	17·41	18·58	1·19	11·06	67·46
		Gop ...	1·43	Nil	?	?	16·19	?	19·70	
		Satpara ..	5·97	2·24	1·25	8·91	13·05	0·62	3·95	35·99
		Pipli ...	?	0·40	?	?	17·55	?	6·98	
	Cuttack ...	Jagatsingpore ...	5·03	Nil	6·95	15·12	20·49	Nil	12·47	60·06
		Banki ...	7·05	0·64	6·26	14·07	13·80	2·25	1·17	45·24
		Cuttack ...	5·37	2·14	10·53	19·99	30·95	1·83	4·87	75·68
		Kendrapara ...	3·62	1·32	10·35	17·27	23·94	0·72	16·12	73·34
		Jajpore ...	7·29	2·36	13·62	17·26	16·28	1·12	3·24	61·17
		Dharmsala ...	3·11	1·74	14·43	17·71	17·90	3·20	5·30	63·39
		Salipore ...	4·41	3·44	8·67	20·04	18·84	1·83	8·20	65·43
	Balasore ...	Acquapada ...	6·24	2·63	11·05	17·52	17·13	2·52	4·74	61·83
		Chandbali ...	4·68	2·33	8·29	15·03	24·11	0·52	10·53	65·49
		Bhuddruck ...	7·93	2·48	14·14	17·34	15·13	0·88	5·55	63·45
		Sorah ...	6·55	3·10	9·60	16·50	16·60	1·50	3·93	57·78
		Balasore ...	4·56	4·81	10·43	15·42	18·49	0·64	2·47	56·82
		Jellasore ...	3·50	7·80	8·33	12·37	20·80	1·00	0·82	54·62
		Baripodah ...	4·47	5·18	11·38	20·51	17·07	1·41	0·35	60·37
TH-VEST BENGAL.	Midnapore ...	Contai ...	2·42	4·88	11·97	14·34	13·73	Nil	2 49	49·83
		Saugor Island ...	1·51	10·06	19·89	21·07	14·33	0·21	4·29	71·36
		Tumlook ...	4·95	10·21	12·34	17·10	10·07	Nil	0 35	55·02
		Midnapore ...	6·71	4·57	8·13	21·09	10·30	0·48	0·18	51·46
		Ghatal ...	9·54	7·21	12·31	17·36	6·67	0·38	0·26	53·73
		Kukrahaty ...	3·31	6·18	6·67	14·54	10·73	Nil	0·31	41·74
		Garbeta ...	10·44	5·58	9·96	14·76	4·87	Nil	0·19	45·80
	24-Pergunnahs.	Diamond Harbour	4·83	12·29	11·75	17·68	7·55	Nil	0·70	54·80
		Canning Town ...	3·28	7·77	8·20	11·47	8·53	0·92	2·34	42·51
		Alipore Jail ...	4·05	5·95	8·36	13·62	8·61	0·06	0·43	41·08
		Barrackpore ...	6·49	3·64	11·24	11·52	11·26	0·22	0·18	44·55
		Dum-Dum ...	3·72	3·51	9·09	12·82	11·74	0·10	0·40	41·38
		Barasot ...	6·32	6·47	11·84	12·92	5·56	0·25	0·21	43·57
		Buseerhat ...	3·38	10·82	9·02	9·89	7·26	Nil	1·28	41·65
	Howrah ...	Howrah ...	4·36	6·67	7·03	10·74	7·61	0·06	0·29	36·76
		Mohesreka ..	9·53	4·22	8·02	12·10	5·44	Nil	0·41	39·72
		Oolooberiah ...	...	...	...	...	8·90	Nil	0·36	
	Hooghly ...	Serampore ...	6·51	3·48	9·94	13·36	10·21	0·24	0·25	43·99
		Hooghly ...	7·76	5·32	10·62	10·10	8·16	Nil	0·33	42·29
		Jehanabad ...	8·73	5·47	10·96	12·26	7·10	0·02	0·30	44·84
	Burdwan ...	Culna ...	11·59	2·71	12·82	12·72	6·52	Nil	0·28	46·64
		Burdwan ...	13·98	2·85	14·00	15·54	1·82	0·48	0·25	48·92
		Cutwa ...	8·47	8·56	12·70	7·86	3·26	0·60	0·90	42·35
		Raneegunge ...	11·14	6·08	9·08	13·45	4·60	1·85	0·28	46·48
		Mankur ...	10·68	5·54	11·36	18·24	3·32	0·40	0·70	50·24
	Bankoora ...	Bankoora ...	10·40	4·90	10·48	13·68	5·56	1·14	0·69	46·85
		Bishenpore ...	9·49	6·92	12·13	17·92	5·22	Nil	0·37	52·05
		Maliara ...	10·62	9·76	11·65	14·25	2·57	0·55	0·47	49·87
		Khatra ...	9·66	3·53	10·12	12·57	7·04	2·93	0 50	46·35
		Indas ...	12·15	3·41	13·08	12·38	4·45	1·90	0·46	47·83
		Kotalpore ...	9·20	6·62	9·81	17·96	3·77	1·64	0·30	49·30

Meteorological Division.	District.	Station.	May.	June.	July.	August.	September.	October.	1st—15th November.	Total.
South-West Bengal—concld.	Bankoora—concluded.	*Anda* ...	7·35	1·43	4·26	20·80	9·23	0·11	0·41	43·59
		Gangajalghati ...	9·37	6·67	13·77	11·39	5·07	Nil	0·29	46·56
		Raipore ...	12·20	8·65	12·33	19·07	10·31	Nil	0·82	63·38
		Sonamukhi ...	13·27	6·83	11·99	17·24	2·69	Nil	0·51	52·53
	Beerbhoom...	Bh. Soory ...	8·50	5·60	12·82	14·35	6·36	1·02	1·43	50·08
		Hetampore ...	10·69	5·13	8·91	12·76	3·34	0·46	1·12	42·41
		Rampore Haut...	8·40	1·87	12·29	8·92	4·89	2·87	1·74	40·98
		Bolpore ...	8·49	8·11	8·66	16·42	6·52	1·55	1·75	51·50
		Morarai ...	8·13	3·31	16·45	3·85	5·55	0·91	0·56	38·76
	Nuddea ...	Ranaghat ...	14·21	2·58	9·49	11·05	5·31	0·30	0·54	43·48
		Kishnaghur ...	11·88	7·02	12·93	5·09	3·84	1·11	1·30	43·17
		Chooadanga ...	15·72	3·93	10·17	10·35	4·48	1·21	0·16	46·02
		Meherpore ...	11·62	7·21	11·70	6·25	2·27	0·55	0·30	39·90
		Kooshtea ...	14·59	6·19	7·99	7·08	3·47	0·50	1·00	40·82
	Khoolna ...	Satkhira ...	7·77	7·16	15·33	8·04	6·67	0·31	3·13	48·41
		Bagirhat ...	6·51	11·30	16·44	8·48	5·23	0·84	2·41	51·24
		Khoolna ...	8·69	3·16	11·50	7·77	5·60	0·10	3·89	40·71
		Nakipore ...	4·45	10·57	15·89	8·03	7·38	0·23	2·82	49·37
		Rampal ...	4·99	6·06	9·91	10·72	6·80	0·70	1·80	40·98
	Jessore ...	Narail ...	8·57	3·99	14·05	4·65	4·75	0·02	2·13	38·16
		Jessore ...	13·27	6·47	11·71	9·02	6·09	0·10	1·33	47·99
		Jhenidah ...	12·18	7·70	8·84	4·18	4·64	1·63	0·30	39·47
		Magoora ..	15·35	7·07	11·24	3·26	4·03	2·50	0·52	43·97
		Bongong ...	12·81	4·57	10·71	10·62	5·73	0·43	0·53	45·40
	Moorshedabad.	Kandi ...	8·00	7·41	9·76	5·01	3·88	2·05	1·20	37·31
		Berhampore ...	12·20	4·20	9·77	5·30	6·65	0·56	1·06	39·74
		Lalbagh ...	11·93	6·84	11·27	3·45	9·41	0·84	0·76	44·50
		Azimgunge ...	10·73	4·58	9·98	4·09	5·19	1·94	1·30	37·81
		Jungipore ...	11·17	10·45	10·23	4·06	7·07	2·71	1·43	47·12
		Lalgola ...	11·58	9·35	13·59	3·80	5·82	2·10	1·60	47·84
		Akhrigunge ...	12·53	7·26	10·57	6·92	2·35	1·12	0·71	41·46
		Patkabari ...	11·65	12·05	6·65	6·75	2·15	1·15	0·40	40·80
East Bengal.	Chittagong...	Cox's Bazar ...	8·50	9·29	50·55	24·21	8·68	3·52	1·11	105·96
		Chittagong ...	11·06	8·56	36·03	10·48	4·84	1·92	1·39	74·28
		Kutubdia ...	9·70	10·43	52·59	14·45	4·44	1·74	2·78	96·13
		Satkanya ...	9·37	8·56	54·83	14·10	7·81	2·59	2·96	100·22
	Chittagong Hill Tracts.	Rangamati ...	12·80	12·43	24·73	11·46	5·31	2·02	1·87	70·62
		Bundarban ...	15·89	13·20	55·64	8·51	4·01	2·47	2·16	101·88
	Backergunge.	Patuakhally ...	8·75	12·31	17·39	14·71	10·94	1·48	0·72	66·30
		Perozepore ...	10·30	10·23	17·23	12·36	9·20	0·49	1·69	61·50
		Burrisal ...	7·60	6·37	19·38	8·29	11·24	0·75	2·10	55·73
		Bhola ...	12·44	6·90	15·50	9·07	7·27	0·35	0·38	51·91
		Gournaddi ...	9·60	8·19	11·78	10·90	11·02	0·77	3·35	55·61
		Bauphal ...	7·87	8·37	18·71	7·30	12·31	2·60	0·75	57·91
	Noakholly...	Noakholly ...	14·63	15·37	19·73	12·47	7·54	3·14	0·84	73·72
		Fenny ...	16·13	10·62	27·05	8·31	3·90	2·45	1·44	69·90
		Harishpore ...	13·64	19·90	45·10	12·51	11·65	4·62	0·45	107·87
		Ramganj ...	13·53	10·77	13·61	11·76	5·36	3·99	1·28	60·30
	Furreedpore	Madaripore ...	8·83	5·44	14·47	7·51	6·49	0·56	4·11	47·41
		Furreedpore ...	9·35	9·00	13·05	6·83	4·59	1·82	1·07	45·71
		Goalundo ...	11·33	9·40	7·16	3·19	2·91	0·50	0·49	34·98
	Dacca ...	Munshigunge ...	14·96	10·09	10·21	9·33	5·92	0·41	3·70	54·62
		Dacca ...	17·12	15·18	12·24	8·33	5·35	0·18	1·96	60·36
		Naraingunge ...	16·84	12·44	11·47	13·41	7·51	1·46	3·34	66·47
		Maniokgunge ...	11·62	14·77	7·43	6·05	3·71	0·94	0·82	45·34
		Joydebpore ...	14·49	12·63	10·43	9·83	4·36	5·21	1·95	58·90
	Hill Tipperah...	Agartola ...	16·60	22·30	11·00	5·00	6·10	2·30	3·75	67·05

Meteorological Division.	District.	Station.	May.	June.	July.	August.	September.	October.	1st–15th November.	Total.
East Bengal—*concld.*	Tipporah	Comilla	24·08	11·92	10·43	8·14	6·76	2·32	4·54	68·19
		Chandpore	13·91	9·20	10·65	13·31	8·00	Nil	4·45	59·52
		Brahmunbaria	17·95	14·16	15·38	7·43	2·76	3·15	3·19	64·02
		Ramchandrapore	16·87	12·74	14·74	6·08	3·27	2·90	2·94	59·54
		Nasirnagar	11·63	5·60	3·57	1·04	9·50	1·30	1·25	33·89
		Daudkandi	21·44	9·70	7·90	7·99	4·65	Nil	3·17	54·85
		Kasba	?	?	12·06	6·85	4·44	1·91	5·92	32·08?
		Laksham	15·60	13·15	16·70	7·45	5·46	2·55	1·20	62·11
	Mymensingh	Kishoregunge	23·16	26·96	15·43	13·67	6·21	3·49	1·67	90·59
		Atia (*Tangail*)	13·79	13·24	6·24	4·05	3·53	0·41	0·63	41·89
		Mymensingh	18·49	14·11	10·79	12·15	4·20	3·49	1·84	65·07
		Jamalpore	13·98	11·49	14·68	15·05	3·35	2·29	1·90	62·74
		Netrokona	17·25	32·39	14·79	14·75	6·00	3·76	1·58	90·52
		Subornakhally	10·84	8·67	8·85	10·11	3·20	1·10	1·10	43·87
		Durgapore	16·11	21·84	27·25	14·27	7·34	4·67	Nil	91·48
		Sherepore Town	13·12	10·53	23·13	15·51	3·56	1·28	2·08	69·21
		Dewanganj	21·05	20·17	14·41	11·86	3·73	4·57	1·84	77·93
North Bengal.	Pubna	Pubna	12·24	5·09	6·58	4·24	2·44	1·03	0·99	32·61
		Serajgunge	9·15	13·43	9·28	7·64	4·16	3·52	1·06	48·24
	Bogra	Sherepore	11·84	6·15	6·19	4·45	6·01	2·65	1·79	39·08
		Nowkhilla	13·65	11·38	7·88	5·32	3·66	1·95	2·67	46·51
		Bogra	9·52	8·82	9·86	6·01	3·21	1·00	3·60	42·02
		Panchbibi	12·43	7·52	12·42	8·46	4·42	2·46	0·30	48·01
	Rajshahye	Beauleah	10·82	6·33	15·75	5·93	2·37	2·07	0·31	43·58
		Nattore	17·39	8·27	12·64	13·11	3·95	1·70	1·44	58·50
		Naogaon	8·51	4·81	11·73	3·94	5·66	0·45	1·90	37·00
		Lalpore	7·70	6·51	8·49	10·38	3·27	1·29	1·07	38·71
		Manda	7·53	7·02	7·60	2·92	5·26	0·98	1·00	32·31
	Maldah	Maldah	9·03	6·33	12·06	3·40	5·63	1·15	0·26	37·86
		Chanchal	3·23	5·97	11·68	3·00	3·62	0·82	0·02	28·34
		Gajol	4·74	6·69	22·46	3·77	8·74	2·42	0·15	48·97
		Sibgunj	11·92	6·52	15·98	5·06	3·72	2·57	0·93	46·70
	Dinagepore	Mohadebpore	4·66	3·36	12·51	4·58	4·01	0·97	0·70	30·79
		Churamon	7·72	4·31	20·38	4·63	6·66	1·44	0·08	45·22
		Raigunge	8·40	11·45	26·06	5·08	6·02	0·80	Nil	57·81
		Dinagepore	12·73	3·96	20·08	3·08	2·04	0·62	Nil	42·51
		Baloorghat	6·86	8·32	14·94	6·02	2·35	1·89	0·17	40·55
		Thakurgaon	11·03	12·00	28·03	5·63	4·21	1·33	Nil	62·23
	Rungpore	Bhawanigunge (*Gyabanda*).	15·70	7·08	19·16	5·75	3·74	3·64	0·46	55·53
		Rungpore	18·34	11·28	20·54	4·16	5·27	10·46	0·09	70·14
		Kurigram	16·87	10·74	19·83	2·58	2·28	4·33	0·06	56·69
		Bagdogra (*Nilphamari*).	12·38	7·87	26·35	3·34	1·70	0·19	Nil	51·83
		Ulipore	23·61	5·14	19·97	2·05	4·98	8·05	Nil	63·80
	Julpigoree	Julpigoree	12·66	9·67	18·84	11·79	7·45	1·48	Nil	61·89
		Alipore Doar	14·90	12·90	29·28	9·37	11·46	2·40	Nil	80·31
		Fallacotta	10·11	11·16	18·55	17·80	9·56	1·40	Nil	68·58
		Debigunj	10·56	4·75	38·24	5·74	3·82	2·85	Nil	65·96
		Bhagalpore (Nagrakatta).	15·89	14·91	20·90	21·79	14·96	6·64	0·06	95·15
	Cooch Behar	Dinhatta	13·57	16·99	23·08	8·56	5·55	0·97	Nil	68·72
		Cooch Behar	15·93	20·23	27·25	8·02	10·87	1·76	Nil	84·06
		Mickilgunge	15·74	16·12	22·32	15·34	8·23	2·47	Nil	80·22
		Matabhanga	16·97	19·05	23·93	10·57	12·80	0·80	Nil	84·12
	Darjeeling Hill.	Bux	18·88	25·98	28·35	20·35	25·35	5·17	0·45	124·53
		Siliguri	10·16	10·93	17·85	11·89	15·82	1·45	Nil	68·10
		Darjeeling	16·69	14·47	27·11	22·27	5·74	0·88	Nil	87·16
		Kalimpong	10·85	6·63	20·99	10·27	8·73	0·80	Nil	58·27
		Kurseong	16·51	17·63	27·78	24·46	26·09	1·94	Nil	114·41

Meteorological Division.	District.	Station.	May.	June.	July.	August.	September.	October.	1st—15th November.	Total.
North Behar.	Purneah ...	Kissengunge ...	13·64	4·33	16·71	6·90	5·71	0·11	Nil	47·40
		Arrareah ...	12·60	7·17	11·22	7·39	5·42	1·62	Nil	45·42
		Purneah ...	9·33	5·94	8·97	3·78	6·20	0·98	Nil	35·20
		Gondwara ...	?	4·22	?	?	?	1·62	Nil	
		Balarampore ...	7·37	5·31	7·57	0·43?	2·68	Nil	Nil	23·36
		Matiari ...	6·22	3·45	6·04	8·79	3·34	0·30	Nil	28·14
		Kaliaganj ...	8·68	9·83	15·85	15·70	5·00	0·55	Nil	55·61
	North Bhagulpore.	Maddapore ...	6·88	4·60	9·82	6·71	1·63	0·81	Nil	30·45
		Soopool ...	5·62	5·39	5·52	5·66	2·84	1·62	Nil	26·65
		Protapganj ...	9·38	6·87	10·65	4·89	7·79	0·33	Nil	39·91
	Durbhunga ...	Tajpore ...	3·53	11·49	18·68	7·28	2·12	0·17	Nil	43·27
		Durbhunga ...	3·46	5·55	10·46	14·71	3·31	1·02	Nil	38·51
		Madhubani ..	5·66	6·29	7·97	9·30	1·26	1·59	Nil	32·07
		Bahera ...	4·61	5·74	11·82	6·04	3·98	0·52	Nil	32·71
		Roshera ...	1·30	3·61	5·85	7·67	0·95	0·50	Nil	19·88
	Mozufferpore	Sitamarhi ...	6·09	16·40	13·27	8·74	2·12	2·44	Nil	49·06
		Mozufferpore ...	2·12	6·83	12·07	7·33	0·90	0·23	Nil	29·48
		Hajipore ...	1·57	10·76	8·05	3·99	3·55	0·59	Nil	28·51
		Paru ...	1·85	?	10·68	8·34	2·80	0·50	Nil	24·17
		Mohua ...	1·92	5·93	16·61	18·47	1·37	0·13	Nil	44·43
		Siuhar ...	1·95	5·35	11·21	7·13	Nil	2·16	Nil	27·80
		Pupri ...	3·79	5·09	13·79	6·49	0·93	0·21	Nil	30·30
	Chumparun	Motihari ...	6·79	8·78	9·96	13·60	4·16	3·98	Nil	47·27
		Bettiah ...	5·97	7·20	9·66	4·89	2·50	3·39	Nil	33·61
		Bagaha ...	4·04	20·43	14·57	12·03	5·07	9·00	Nil	65·14
		Burhurwa ...	2·78	10·73	8·71	4·48	5·70	2·10	Nil	34·50
	Sarun ...	Gopalgunge ...	2·18	11·65	10·90	5·02	3·81	1·87	Nil	35·43
		Sewan ...	1·42	13·33	3·21	8·47	6·46	0·79	Nil	33·73
		Chuprah ...	1·16	4·63	7·14	6·56	2·88	0·38	Nil	22·75
South Behar.	Shahabad ...	Buxar ...	0·28	2·23	2·47	8·13	5·05	1·20	Nil	19·36
		Dehree ...	0·39	4·17	4·34	13·60	4·76	0·50	Nil	28·06
		Bhubooah ...	0·35	1·14	5·56	16·61	5·54	0·46	Nil	29·66
		Sasseram ...	2·26	2·51	2·32	10·35	5·27	0·77	Nil	23·48
		Arrah	1·35	7·26	5·15	5·91	6·40	1·21	Nil	27·28
		Mohaniah ...								
	Gya ...	Aurungabad ...	1·35	3·88	5·79	10·27	2·65	0·36	Nil	24·30
		Gya ...	0·29	6·35	7·40	12·21	4·24	1·81	Nil	32·30
		Nowadah ...	3·19	6·56	11·57	11·54	4·20	0·40	Nil	37·46
		Jehanabad ...	0·06	5·62	12·42	4·67	1·85	1·99	Nil	26·61
		Arwal ...	0·58	3·10	6·65	8·91	4·19	2·10	Nil	25·53
		Daudnagar ...	1·05	1·65	2·85	6·67	2·41	0·32	Nil	14·95
		Sherghati ...	0·31	4·97	3·92	8·01	2·75	1·63	Nil	21·59
		Rajauli ...	4·90	6·70	11·06	11·84	7·14	0·86	Nil	42·50
		Pakri Barawan ..	2·10	4·30	8·22	7·80	1·93	1·13	Nil	25·48
	Patna ...	Patna ...	2·03	10·51	7·23	5·77	3·45	1·72	Nil	30·71
		Dinapore ...	3·59	12·70	6·21	6·06	8·20	0·40	Nil	37·16
		Behar ...	3·85	4·56	15·98	7·78	4·41	1·16	Nil	37·74
		Barrh ...	3·76	10·02	13·45	9·40	3·40	0·50	Nil	40·53
		Bickram ...	1·75	8·62	5·97	5·94	4·04	2·37	Nil	28·69
		Hilsa ...	2·55	12·96	8·74	?	1·94	?	Nil	
	Monghyr ...	Beegooserai ...	2·42	6·41	10·66	8·95	1·86	1·71	Nil	32·01
		Monghyr ...	7·56	4·65	12·94	9·02	3·02	4·26	Nil	41·45
		Jamui ...	1·87	7·40	12·10	10·61	2·40	0·90	Nil	35·28
		Gogri ...	11·02	6·52	11·59	14·99	2·73	2·87	Nil	49·72
		Sheikpura ...	4·73	6·72	9·99	11·90	1·35	0·50	Nil	35·19
	South Bhagulpore.	Bhagulpore ...	8·02	4·03	18·15	6·80	3·11	0·19	0·01	40·31
		Banka ...	5·78	7·64	13·01	12·62	6·58	0·66	Nil	46·29
		Kolgong ...	6·93	4·03	10·02	7·31	3·07	0·29	Nil	31·65
		Bangaon ...	5·78	3·32	11·03	8·48	0·58	0·15	Nil	29·34

METEOROLOGICAL DIVISION.	District.	Station.	May.	June.	July.	August.	September.	October.	1st—15th November.	TOTAL.
SOUTH BEHAR —*concluded.*	Sonthal Pergunnahs.	Rajmehal ...	8·09	6·09	13·24	5·06	3·95	4·55	0·14	41·12
		Godah ...	5·22	3·47	15·88	8·41	5·55	1·45	Nil	39·98
		Pakour ...	12·63	3·67	10·80	6·23	4·91	6·93	1·82	46·99
		Nya Doomka ...	7·82	3·89	11·27	14·86	4·33	0·34	0·36	49·87
		Deoghur ...	4·14	3·37	12·62	9·03	4·27	0·97	0·12	34·52
		Jamtara ...	8·44	6·57	16·57	13·47	8·27	1·81	0·30	55·43
		Mohagama ...								
		Nanihat ..	?	?	?	10·34	5·26	1·60	0·61	
CHUTIA NAGPUR.	Hazaribagh	Pachamba (*Giridi*)	6·10	5·03	15·28	9·29	7·33	0·21	Nil	33·24
		Hazaribagh ...	4·65	3·88	11·16	14·09	9·24	0·27	0·15	43·44
		Semtagurah ...	3·80	2·35	9·42	9·30	5·99	0·43	Nil	31·29
		Mahudi Hills ...	2·89	4·97	10·48	10·88	11·73	0·35	Nil	41·30
		Jhoomra Hills ...	2·50	3·50	17·80	14·60	10·80	1·40	Nil	50·60
		Barki ...	4·41	4·09	10·93	10·16	7·18	Nil	0·07	36·84
		Chatra ...	0·59	2·37	9·04	11·97	4·77	0·71	0·05	29·50
		Karagdcha ...	5·77	6·00	14·02	8·62	7·42	0·33	0·17	42·33
		Ramghar ...	1·75	2·80	11·63	12·00	12·10	0·15	Nil	40·43
	Lohardugga	Lohardugga ..	3·60	2·24	14·15	11·45	9·19	0·51	0·04	41·18
		Ranchee ...	3·91	2·92	9·82	11·40	13·91	0·13	0·26	42·35
		Palamow ...	0·88	0·97	12·02	20·71	10·60	0·07	0·06	45·31
		Silli ...	4·09	4·25	13·83	9·65	11·70	0·25	Nil	43·77
		Balumat ...	1·61	1·73	11·60	13·65	9·48	0·98	Nil	39·05
		Hosseinabad ..	0·60	3·40	?	7·80?	5·46	0·20	Nil	
		Garwah ...	0·32	0·22	7·25	22·42	7·60	1·66	Nil	39·47
	Singbhoom	Chyebassa ...	4·28	3·74	9·57	17·30	11·30	1·32	0·48	47·99
		Chakradharpore ...	3·18	5·16	24·96	28·75				
		Ghatsilla ..	8·72	7·55	11·02	20·56	13·74	0·88	0·88	63·35
		Baharagura ...	5·19	7·38	12·33	14·80	13·42	0·86	0·30	54·28
	Manbhoom	Purulia ...	5·63	7·06	15·58	10·90	8·74	0·22	0·43	48·56
		Gobindpore ...	3·39	2·99	14·45	9·64	3·89	0·54	Nil	34·90
		Raghunathpore ...	5·09	4·77	15·68	15·06	7·83	0·99	Nil	49·42
		Barrabhoom ...	3·40	5·90	9·42	14·06	7·47	0·68	0·70	41·63
		Jhalda ...	5·55	2·59	14·76	10·66	7·89	0·60	0·23	42·28
		Chas ...	8·33	4·20	17·70	12·87	10·92	0·35	0·19	54·56

TABLE V.

Variation of the sub-divisional actual Monthly Rainfall from the Normal Average for the months of May to 15th November 1891.

Meteorological Division.	District.	Station.	May.	June.	July.	August.	September.	October.	1st—15th November.	Total.
ORISSA ...	Pooree ...	Pooree ...	+1·14	—6·95	—6·89	+5·02	+3·95	—7·81	+14·32	+2·78
		Khurdah ...	+1·86	—9·11	—5·76	+3·80	+7·84	—2·22	+2·57	—1·02
		Banpur ...	+3·95	—7·02	—5·44	—2·57	—0·89	—5·37	—0·43	—17·77
		False Point ...	—1·21	—6·12	—0·09	+3·69	+7·43	—9·51	+9·18	+3·07
	Cuttack ...	Jagatsingpore ...	+2·04	—7·23	—4·08	+5·00	+11·99	—6·80	+11·85	+12·77
		Banki ...	+4·96	—9·64	—5·53	+3·36	+4·96	—2·16	+0·44	—3·61
		Cuttack ...	+1·17	—9·38	—2·83	+8·91	+20·88	—3·80	+4·09	+19·04
		Kendrapara ...	—0·29	—7·55	—1·92	+4·71	+14·57	—5·54	+15·52	+19·50
		Jajporo ...	+2·80	—7·52	+0·50	+6·56	+6·41	—3·95	+2·89	+7·69
	Balasore ...	Chandbali ...	—0·31	—5·45	—3·60	+3·97	+12·92	—5·94	+9·28	+10·87
		Bhuddruck ...	+2·77	—6·43	+2·11	+6·68	+4·48	—3·73	+4·77	+10·65
		Sorah ...	+1·46	—3·68	—2·67	+5·47	+5·36	—4·00	+3·35	+5·29
		Balasore ...	—0·41	—3·90	—3·50	+3·00	+6·58	—5·77	+1·76	—2·24
		Jellasore ...	+0·13	—0·17	—6·82	+1·55	+10·32	—3·56	+0·57	+2·02
		Baripodah ...	—0·44	—5·06	—1·39	+8·05	+5·96	—2·52	—0·23	+4·37
SOUTH-WEST BENGAL.	Midnapore...	Contai ..	—2·15	—4·63	—3·06	+0·65	+2·46	—8·36	+1·89	—13·20
		Saugor Island ...	—3·15	+0·02	+3·36	+6·01	+2·37	—9·45	+3·51	+2·67
		Tumlook ...	—0·12	+0·95	+0·36	+3·30	+1·75	—4·46	+0·08	+1·86
		Midnapore ...	+1·58	—4·25	—4·41	+8·56	+3·13	—4·30	—0·02	+0·29
		Ghattal ...	+4·16	—3·03	—1·43	+1·90	—2·10	—3·19	+0·20	—3·49
	24-Pergunnahs ...	Diamond Harbour	—0·33	+2·42	—3·06	+3·51	—3·58	—5·13	+0 40	—5·77
		Alipore Jail ...	—1·37	—4·42	—5·08	+0·11	—1·30	—4·36	+0 16	—16·26
		Barrackporo ...	+1·25	—6·96	—0·92	—0·55	+3·79	—3·34	—0 26	—6·99
		Dum-Dum ...	—2·21	—6·43	—2·81	+0·13	+2·88	—4·27	+0·21	—12·50
		Barasot ...	+0·27	—3·07	+0·95	+0·98	—3·48	—4·26	—0 05	—8·66
		Buseerhat ...	—3·28	—0·06	—3·58	—3·19	—1·58	—4·41	+0·98	—15·12
	Howrah ...	Howrah ...	—0·80	—3·24	—5·48	—1·47	—0·74	—4·28	+0 02	—15·99
		Mohesreka (*Ooloobeariah*).	+3·28	—4·81	—5·53	—1·47	—3·16	—3·44	+0 09	—15·04
	Hooghly ...	Serampore ...	+1·53	—6·26	—2·85	+1·02	+2·25	—3·95	+0·08	—8·18
		Hooghly ...	+1·99	—3·84	—1·46	—1·81	+1·01	—4·09	+0·14	—8·06
		Jehanabad ...	+3·56	—3·88	—1·52	—3·77	—1·94	—4·38	+0·09	—11·84
	Burdwan ...	Culna ...	+6·73	—5·72	+2·25	+1·24	—0·12	—3·92	—0·06	+0·40
		Burdwan ...	+9·00	—5·45	+2·78	+2·74	—6·25	—3·47	—0·03	—0·68
		Cutwa ...	+3·16	—1·36	+2·76	—4·17	—5·04	—3·44	+0·62	—7·47
		Raneegunge ...	+8·01	—2·30	—4·64	—0·15	—2·66	—1·56	+0·15	—3·15
	Bankoora ...	Bankoora ...	+6·53	—4·45	—1·99	—0·67	—2·42	—3 01	+0·52	—5·49
		Bishenpore ...	+4·70	—3·58	+0·12	+3·90	—3·88	—2·71	+0·24	—1·21
		Maliara ...	+7·37	—0·54	—2·46	+0·99	—3·95	—2·72	+0·11	—1·20
		Khatra ...	+6·27	—7·66	—4·46	—0·70	—2·05	—0·78	—0·17	—9·55
	Beerbhoom...	Bh. Soory ...	+4·78	—4·87	+0·12	+0·70	—4·05	—2·65	+1·32	—4·65
		Hetampore ...	+7·64	—6·29	—5·53	+0·32	—7·50	—2·41	+0·99	—12·78
		Rampore Haut...	+4·73	—8·15	+1·41	—3·80	—6·10	—1·01	+1·58	—11·34
	Nuddea ...	Ranaghat ...	+8·95	—7·05	—0·67	—1·51	—1·64	—3·48	+0·18	—5·22
		Kishnaghur ...	+6·05	—1·79	+2·79	—6·14	—4·06	—3·08	+0·97	—5·26
		Chooadanga ...	+7·98	—5·31	—0·04	—1·76	—5·23	—3·18	—0·27	—7·81
		Meherporo ...	+5·80	—2·51	+1·88	—6·06	—5·79	—3·13	+0·17	—9·64
		Kooshtea ...	+7·40	—5·02	—2·89	—4·88	—6·86	—4·49	+0·79	—15·95

Meteorological Division.	District.	Station.	May.	June.	July.	August.	September.	October.	1st—15th November.	Total.
OUTH-WEST BENGAL—concld.	Khoolna	Satkhira	+1·49	—5·34	+2·98	—4·37	—2·21	—4·39	+2·80	—9·04
		Bagirhat	—0·43	—2·95	+1·70	—3·99	—4·78	—4·41	+1·97	—12·89
		Khoolna	+2·07	—9·77	0·00	—4·40	—4·13	—4·10	+3·53	—16·80
	Jessore	Narail	+1·78	—7·22	+5·00	—5·99	—2·56	—3·60	+1·76	—10·83
		Jessore	+5·92	—6·27	+0·36	—3·36	—2·65	—4·28	+1·09	—9·19
		Jhenidah	+5·65	—5·05	—0·86	—8·54	—4·47	—3·20	+0·07	—16·40
		Magoora	+7·40	—4·70	+0·99	—6·62	—4·69	—1·31	+0·34	—8·59
		Bongong	+6·93	—5·80	+0·10	—2·36	—3·30	—4·12	+0·27	—8·28
	Moorshedabad	Kandi	+3·45	—2·13	—2·24	—6·52	—5·69	—1·88	+0·88	—14·13
		Berhampore	+6·66	—5·07	—0·61	—6·88	—4·26	—3·92	+0·82	—13·26
		Lalbagh	+6·44	—1·34	+0·97	—8·83	—1·27	—3·69	+0·45	—7·27
		Azimgunge	+5·48	—4·95	—0·36	—8·61	—4·51	—2·77	+1·11	—14·61
		Jungipore	+6·17	+1·73	—0·76	—7·52	—3·71	—0·59	+1·35	—8·33
		Lalgola	+5·86	—0·20	+2·33	—7·22	—4·94	—2·27	+1·40	—5·04
EAST BENGAL.	Chittagong	Cox's Bazar	—1·86	—24·92	+10·41	—2·92	—6·43	—4·20	—0·79	—30·71
		Chittagong	+1·43	—16·38	+14·06	—9·29	—8·68	—3·68	+0·31	—22·23
	Chittagong Hill Tracts.	Rangamati	+2·67	—6·48	+5·69	—6·98	—7·41	—4·99	+0·36	—17·14
	Backergunge	Patuakhally	+0·47	—10·05	—4·09	—2·34	—2·42	—4·51	—0·64	—23·58
		Perozepore	+3·20	—6·20	+1·15	—2·40	—2·13	—5·26	+0·67	—10·97
		Burrisal	—0·43	—10·13	+3·65	—4·12	—0·44	—4·23	+1·10	—14·60
		Bhola	+5·20	—14·59	—3·12	—9·16	—4·85	—5·14	—0·74	—32·40
	Noakholly	Noakholly	+4·81	—10·70	—4·24	—12·86	—10·26	—3·72	—1·02	—37·99
		Fenny	+5·16	—17·94	+4·49	—15·70	—11·81	—3·43	—0·87	—40·10
	Furreedpore	Madaripore	—0·41	—7·86	+2·49	—4·74	—2·01	—3·62	+3·82	—12·33
		Furreedpore	+0·45	—3·49	+1·20	—5·74	—5·45	—2·48	+0·79	—14·72
		Goalundo	+3·70	—2·46	—4·71	—8·18	—5·70	—4·33	+0·20	—21·48
	Dacca	Munshigunge	+5·53	—5·75	—5·53	—5·55	—6·32	—5·05	+3·09	—19·58
		Dacca	+8·17	+1·81	—1·00	—4·23	—4·62	—3·77	+1·52	—2·12
		Naraingunge	+8·64	—1·52	—4·22	—0·05	—2·84	—2·99	+2·62	—0·36
		Manickgunge	+2·77	+4·93	—4·37	—5·48	—4·42	—3·01	+0·47	—9·11
	Hill Tipperah	Agartola	+5·86	+7·86	—0·82	—8·32	—4·40	—3·00	+3·06	+0·24
	Tipperah	Comilla	+13·73	—7·21	—6·55	—9·51	—4·64	—1·91	+3·83	—12·26
		Chandpore	+5·29	—7·57	—4·86	—6·92	—3·82	—6·14	+3·97	—20·05
		Brahmunberia	+7·14	—1·30	+4·41	—5·24	—8·93	—1·61	+2·74	—2·79
	Mymensingh	Kishoregunge	+12·97	+7·89	+2·35	+0·49	—6·90	—1·81	+1·33	+16·32
		Atia (*Tangail*)	+6·75	+0·08	—4·86	—7·96	—6·27	—4·56	+0·44	—16·38
		Mymensingh	+7·46	—4·89	—3·64	—1·63	—9·99	—2·20	+1·56	—13·33
		Jamalpore	+5·19	—3·50	+2·21	+1·60	—10·71	—2·74	+1·68	—6·27
		Netrokona	+5·79	+10·61	—2·07	—2·22	—8·04	—2·30	+1·54	+3·31
ORTH BENGAL.	Pubna	Pubna	+5·29	—5·81	—3·59	—8·54	—8·53	—3·77	+0·85	—24·10
		Serajgunge	+1·88	+2·03	—1·69	—3·59	—5·71	—0·86	+0·71	—7·23
	Bogra	Sherpore	+3·36	—6·27	—6·82	—7·80	—4·24	—1·53	+1·25	—22·05
		Nowkhilla	+6·73	—1·61	—3·49	—5·49	—6·11	—3·17	+2·20	—10·84
		Bogra	+1·15	—5·45	—4·11	—5·92	—7·54	—2·98	+3·38	—21·47
		Panchbibi	+5·03	—3·96	—0·24	—3·07	—6·26	—1·85	+0·29	—10·06
	Rajshahye	Beauleah	+5·38	—3·32	+4·08	—6·12	—8·90	—2·37	+0·16	—11·09
		Nattore	+10·57	—1·98	+0·78	+0·95	—7·69	—2·76	+1·18	+1·05
		Naogaon	+3·15	—8·88	+0·48	—4·81	—7·02	—1·84	+1·77	—17·15
	Maldah	Maldah	+4·90	—4·81	+0·65	—6·55	—5·87	—3·23	+0·10	—14·81
		Chanchal	—1·63	—6·61	—0·88	—11·09	—6·98	—2·18	—0·17	—29·54

Meteorological Division.	District.	Station.	May.	June.	July.	August.	September.	October.	1st—15th November.	Total.
North Bengal —concld.	Dinageporo	Mohadebpore ..	—1·58	—9·44	+1·10	—8·96	—7·30	—2·06	+0·62	—27·62
		Churamon ...	+3·02	—7·56	+8·48	—5·92	—6·02	—0·98	—0·04	—9·02
		Raigunge ..	+2·17	—2·93	+13·81	—7·66	—4·59	—2·98	—0·06	—2·24
		Dinageporo ...	+5·51	—12·54	+6·63	—9·09	—9·10	—4·51	—0·06	—23·16
		Baloorghat ...	+0·77	—4·21	+3·31	—3·60	—8·49	—1·51	+0·08	—13·65
	Rungporo ...	Bhawanigunge (*Gyabanda*).	+6·81	—8·91	+6·92	—4·48	—8·23	—1·48	+0·40	—8·97
		Rungpore ...	+8·12	—8·23	+4·06	—7·90	—8·34	+5·14	0	—7·15
		Kurigram ...	+3·09	—12·75	+6·34	—8·49	—10·38	—0·08	—0·09	—22·36
		Bagdogra (*Nilphamari*).	+0·35	—18·32	+12·62	—11·58	—13·82	—4·50	—0·02	—35·27
	Julpigoree ...	Julpigoree ...	+0·70	—18·75	—6·82	—13·15	—16·48	—4·12	—0·08	—58·70
	Cooch Behar	Dinhatta ...	—0·39	—13·04	+9·52	—8·95	—12·98	—4·17	—0·03	—30·04
		Cooch Behar ...	+1·17	—16·61	+4·69	—13·43	—11·91	—3·67	—0·05	—39·81
		Mickligunge ...	+3·59	—12·13	+1·88	—9·23	—11·66	—1·50	0	—29·05
		Matabhanga ...	+4·31	—12·82	+1·54	—13·21	—6·49	—5·50	—0·03	—32·20
	Darjeeling Hill.	Buxa ...	—1·45	—19·24	—19·66	—21·70	—6·13	—5·04	+0·10	—73·12
		Siliguri ...	+1·36	—16·84	—15·06	—10·44	+0·89	—2·89	—0·14	—43·12
		Darjeeling ...	+8·11	—9·53	—2·96	—3·18	—11·92	—6·08	—0·07	—25·63
		Kalimpong ...	+5·18	—12·80	—7·43	—8·48	—1·75	—1·87	—0·12	—27·27
North Behar.	Purneah ...	Kissengungo ...	+7·32	—11·00	+0·22	—9·31	—8·37	—3·25	—0·02	—24·41
		Arrareah ...	+6·68	—5·54	—4·76	—6·27	—8·34	—1·91	—0·03	—20·17
		Purneah ...	+4·82	—5·52	—4·92	—10·66	—7·82	—2·99	—0·06	—27·15
	North Bhagulpore.	Maddapore ...	+2·82	—4·06	—1·67	—5·08	—8·67	—3·50	—0·03	—20·19
		Soopool ...	+1·73	—3·94	—5·43	—6·66	—6·93	—1·26	0	—22·49
	Durbhunga	Tajpore ...	+1·18	+3·91	+6·49	—3·07	—5·89	—2·99	—0·04	—0·41
		Durbhunga ..	+0·88	—2·37	—1·43	+3·32	—6·27	—1·97	—0·01	—7·85
		Madhubani ...	+2·70	—2·30	—2·72	—1·21	—8·91	—1·03	0	—13·47
	Mozufferpore	Sitamarhi ...	+3·43	+8·37	+2·68	—1·01	—7·64	—0·80	0	+5·53
		Mozufferpore ...	—0·60	—0·70	+0·26	—3·01	—9·07	—3·24	—0·05	—16·41
		Hajiporo ...	—0·42	+4·07	—3·80	—6·16	—3·68	—3·39	—0·06	—13·44
	Chumparun	Motihari ..	+4·29	+0·89	—0·49	+2·07	—5·00	+0·49	0	+2·25
		Bettiah ...	+3·29	—1·29	—3·02	—7·45	—6·94	—0·19	0	—15·60
	Sarun ...	Gopalgunge ...	—0·46	+5·22	—1·61	—5·16	—3·13	—3·14	—0·03	—8·31
		Sewan ...	—0·42	+6·57	—8·52	—2·31	—2·06	—3·23	—0·04	—10·01
		Chuprah ...	—0·36	—1·39	—5·16	—3·35	—4·02	—3·22	—0·03	—17·53
South Behar.	Shahabad ...	Buxar ...	—0·75	—2·73	—8·60	—2·09	—2·14	—2·15	—0·06	—18·52
		Dehree ...	—1·03	—0·18	—6·91	+0·82	—2·91	—2·39	—0·04	—12·64
		Bhubooah ...	—0·81	—4·12	—6·75	—4·90	—1·13	—2·82	—0·33	—11·06
		Sasseram ...	+1·09	—2·66	—9·00	—1·54	—1·67	—2·91	—0·05	—16·74
		Arrah ...	—0·45	+1·31	—5·88	—5·02	—0·47	—2·07	—0·05	—12·63
	Gya ...	Aurungabad ...	—0·33	—1·94	—6·31	—2·25	—4·56	—2·39	—0·12	—17·90
		Gya ...	—1·35	+0·19	—5·46	+0·79	—3·08	—0·55	—0·22	—9·68
		Nowadah ...	+1·17	+1·11	—0·14	+0·81	—2·77	—2·27	—0·09	—2·18
		Jehanabad ...	—1·68	+0·56	+0·18	—7·56	—3·81	—1·56	—0·14	—14·01
	Patna ...	Patna ...	—0·17	+3·68	—4·36	—4·85	—3·64	—1·61	—0·05	—11·05
		Dinaporo ...	+1·90	+6·18	—5·18	—5·27	+1·36	—2·86	—0·05	—3·92
		Behar ...	+1·65	—1·92	+3·38	—2·82	—2·12	—2·06	—0·13	—4·02
		Barrh ...	+1·50	+4·94	+1·23	+0·02	—4·30	—2·68	—0·15	+0·56
	Monghyr ...	Beegooserai ...	+0·13	+0·17	—0·45	—0·99	—5·41	—1·46	—0·21	—8·22
		Monghyr ...	+5·05	—1·90	+0·59	—3·67	—5·09	+0·74	—0·07	—5·25
		Jamui ...	—0·32	+0·91	—0·65	—0·80	—5·05	—1·71	—0·03	—7·65

METEOROLOGICAL DIVISION.	District.	Station.	May.	June.	July.	August.	September.	October.	1st–15th November.	TOTAL.
SOUTH BEHAR —*concld.*	South Bhagulpore.	Bhagulpore ...	+5·43	—3·68	+6·99	—3·35	—4·49	—3·01	—0·20	—2·31
		Banka ...	+3·10	—0·14	+2·40	+1·49	—1·65	—2·82	—0·07	+2·31
	Sonthal Pergunnahs.	Rajmohal ...	+3·04	—4·37	+0·31	—4·82	—8·29	+1·24	+0·0	—12·86
		Godda ..	+1·62	—3·34	+4·81	—3·29	—3·98	—1·62	—0 0	—5·85
		Pakour ...	+8·32	—6·83	—1·64	—5·46	—7·84	+2·42	+1·7.	—9·26
		Nya Doomka ..	+4·34	—4·97	—2·17	+1·51	—6·30	—3·74	+0·1	—11·15
		Deoghur	+0·99	—6·09	—0·98	—3·24	—4·46	—3·36	+0·0	—16·11
		Jamtara ...	+4·99	—2·03	+2·91	+0·87	+0·91	—1·41	0	+6·24
CHUTIA NAGPUR.	Hazaribagh	Pachamba (*Giridi*). ...	+3·81	—3·17	+2·73	—3·05	—1·49	—2·95	—0·16	—4·28
		Hazaribagh ...	+2·31	—3·24	—1·83	+0·68	+0·66	—2·9	—0·04	—4·45
		Semtagurah ...	+1·22	—5·26	—3·39	—1·72	—2·18	—2·5	—0·22	—14·09
		Mahudi Hills ...	+0·68	—2·60	—1·88	—3·86	+2·85	—2·20	—0·33	—7·34
		Jhoomrah Hills	—0·39	—6·84	+0·93	—1·78	—0·12	—1·53	—0·17	—9·90
	Lohardugga	Lohardugga ...	+1·07	—5·59	+1·66	—3·76	—0·51	—1·86	—0·03	—9·02
		Ranchee ...	+0·74	—5·73	—3·90	—2·91	+4·74	—2·85	—0·01	—9·92
		Palamow ...	—0·53	—5·07	—0·54	+9·15	+2·78	—2·74	—0·27	+2·78
	Singbhoom ...	Chyebassa ...	+0·11	—4·56	—4·70	+3·47	+2·98	—1·63	+0·25	—4·08
	Manbhoom ...	Purulia ...	+2·06	—1·62	+3·36	—3·01	+0·61	—2·87	+0·27	—1·20
		Gobindpore ...	+1·43	—4·49	+2·53	—2·86	—3·36	—3·04	—0·14	—9·93

TABLE VI.

Percentage variation of the monthly Rainfall of the Sub-divisional Rainfall-registering Stations in Bengal from the Normal Average Rainfall for the months of May to 15th November 1891.

Meteorological Division.	District.	Station.	May.	June.	July.	August.	September.	October.	1st—15th November.	Total.
Orissa	Pooree	Pooree ...	+41	—87	—66	+54	+39	—89	+901	+5
		Khurdah ...	+53	—96	—45	+31	+76	—32	+219	—2
		Banpur ...	+192	—98	—51	—21	—10	—85	—22	—36
		False Point ...	—32	—71	—1	+27	+67	—89	+488	+5
	Cuttack	Jagatsingpore ...	+68	—100	—37	+49	+141	—100	+1911	+27
		Banki ...	+237	—94	—47	+31	+56	—49	+60	—7
		Cuttack .	+28	—81	—21	+80	+207	—67	+524	+34
		Kendrapara ..	—8	—85	—16	+38	+156	—89	+2587	+36
		Jajpore ...	+6[illegible]	—76	+4	+61	+65	—78	+826	+14
	Balasore	Chandbali ..	—6	—70	—30	+36	+115	—92	+843	+20
		Bhuddruck ...	+54	—72	+18	+63	+42	—81	+612	+20
		Sorah ...	+29	—54	—22	+50	+18	—73	+578	+10
		Balasore ...	—8	—45	—25	+24	+55	—90	+248	—4
		Jellasore ...	+4	—2	—45	+14	+98	—78	+228	+4
		Baripodah ...	—9	—49	—11	+65	+54	—64	—40	+8
South-West Bengal.	Midnapore	Contai ...	—47	—48	—20	+5	+22	—100	+315	—21
		Saugor Island ...	—68	0	+20	+40	+20	—98	+451	+4
		Tumlook ...	—2	+10	+3	+24	+21	—100	+30	+4
		Midnapore ...	+31	—48	—35	+68	+43	—90	—10	+1
		Ghatal ...	+77	—30	—10	+12	—24	—89	+333	—6
	24-Pergunnahs.	Diamond Harbour	—6	+24	—21	+25	—32	—100	+133	—10
		Alipore Jail ...	—25	—43	—38	+1	—13	—99	+59	—28
		Barrackpore ...	+24	—66	—8	—5	+51	—94	—59	—14
		Dum-Dum ...	—37	—65	—24	+1	+32	—98	+111	—23
		Barasot ..	+4	—32	+9	+8	—38	—94	—19	—17
		Buseerhat ...	—50	—1	—28	—24	—18	—100	+327	—27
	Howrah	Howrah ...	—15	—33	—43	—12	—9	—99	+7	—30
		Mohesreka (*Oolooberiah.*)	+52	—53	—41	—11	—36	—100	+28	—27
	Hooghly	Serampore ...	+31	—64	—22	+8	+28	—94	+47	—16
		Hooghly ...	+34	—42	—11	—15	+14	—100	+74	—16
		Jehanabad ...	+69	—41	—12	—24	—22	—100	+43	—21
	Burdwan	Culna ...	+139	—68	+21	+11	—2	—100	—19	+1
		Burdwan ...	+180	—66	+25	+21	—77	—88	—11	—1
		Cutwa ...	+60	—14	+28	—35	—61	—85	+221	—15
		Raneegunge ...	+256	—27	—34	—1	—37	—46	+115	—6
	Bankoora	Bankoora ...	+169	—48	—16	—5	—30	—73	+306	—10
		Bishenpore ...	+98	—34	+1	+28	—43	—100	+185	—2
		Maliara ...	+227	—5	—17	+7	—61	—83	+31	—2
		Khatra ...	+185	—68	—31	—5	—23	—21	—25	—17
	Beerbhoom	Bh. Soory ...	+129	—46	+1	+5	—39	—72	+1200	—8
		Hetampore ...	+250	—55	—38	+3	—69	—84	+762	—23
		Rampore Haut ...	+129	—81	+13	—30	—56	—26	+987	—22
	Nuddea	Ranaghat ...	+171	—73	—6	—12	—28	—92	+50	—11
		Kishnaghur ...	+104	—19	+28	—55	—51	—74	+294	—11
		Chooadanga ...	+103	—57	0	—15	—54	—72	—63	—15
		Meherpore ...	+100	—27	+19	—49	—72	—85	+131	—19
		Kooshtea ...	+103	—45	—27	—41	—66	—90	+376	—28

Meteorological Division.	District.	Station.	May.	June.	July.	August.	September.	October.	1st–15th November.	Total.
South-West Bengal—*concld.*	Khoolna	Satkhira	+24	—43	+24	—35	—25	—93	+848	—16
		Bagirhat	—6	—21	+12	—31	—48	—84	+419	—26
		Khoolna	+31	—76	0	—36	—43	—98	+981	—29
	Jessore	Narail	+26	—64	+55	—56	—35	—99	+176	—22
		Jessore	+81	—49	+3	—27	—30	—98	+454	—16
		Jhenidah	+87	—40	—9	—67	—49	—67	+30	—29
		Magoora	+93	—40	+10	—67	—54	—34	+189	—16
		Bongong	+118	—56	+1	—18	—37	—91	+104	—15
	Moorshedabad	Kandi	+76	—22	—19	—57	—59	—48	+275	—27
		Berhampore	+120	—55	—6	—56	—39	—87	+342	—25
		Lalbagh	+117	—16	+9	—72	—12	—81	+146	—14
		Azimgunge	+104	—52	—3	—68	—47	—59	+584	—28
		Jungipore	+123	+20	—7	—65	—34	—18	+1688	—7
		Lalgola	+102	—2	+21	—66	—46	—52	+700	—10
East Bengal.	Chittagong	Cox's Bazar	—18	—73	+26	—11	—43	—54	—42	—22
		Chittagong	+15	—66	+64	—47	—64	—66	+29	—23
	Chittagong Hill Tracts	Rangamati	+26	—34	+30	—38	—58	—71	+24	—20
	Backergunge	Patuakhally	+6	—45	—19	—14	—18	—76	—47	—26
		Perozepore	+45	—38	+7	—16	—19	—91	+65	—15
		Burrisal	—5	—62	+23	—33	—4	—85	+110	—21
		Bhola	+72	—68	—17	—50	—40	—94	—66	—38
	Noakholly	Noakholly	+49	—41	—18	—51	—58	—54	—67	—34
		Fenny	+47	—63	+20	—65	—75	—58	—38	—36
	Furreedpore	Madaripore	—4	—59	+21	—39	—24	—87	+1317	—21
		Furreedpore	+5	—28	+10	—46	—54	—58	+282	—24
		Goalundo	+49	—21	—40	—72	—66	—89	+69	—39
	Dacca	Munshigunge	+59	—36	—35	—37	—52	—92	+507	—26
		Dacca	+91	+14	—8	—34	—47	—96	+346	—3
		Naraingunge	+105	—11	—27	0	—27	—67	+364	—1
		Manickgunge	+31	+50	—37	—48	—54	—76	+134	—17
	Hill Tipperah	Agartola	+55	+54	—7	—62	—42	—57	+444	0
	Tipperah	Comilla	+133	—38	—39	—54	—41	—45	+539	—15
		Chandpore	+61	—45	—31	—34	—32	—100	+828	—25
		Brahmunberia	+66	—8	+40	—41	—76	—34	+609	—4
	Mymensingh	Kishoregunge	+126	+41	+18	+4	—53	—34	+391	+22
		Atia (*Tangail*)	+96	+1	—44	—66	—61	—92	+232	—28
		Mymensingh	+68	—26	—25	—11	—70	—39	+557	—17
		Jamalpore	+58	—23	+18	+12	—76	—51	+764	—9
		Netrokona	+51	+48	—12	—13	—57	—38	+3850	+4
North Bengal.	Pubna	Pubna	+80	—53	—35	—67	—78	—79	+607	—43
		Serajgunge	+26	+18	—15	—32	—58	—19	+203	—13
	Bogra	Sherpore	+40	—50	—52	—64	—41	—37	+232	—36
		Nowkhilla	+97	—12	—31	—51	—63	—62	+469	—19
		Bogra	+14	—38	—29	—50	—701	—75	+1536	—34
		Panchbibi	+68	—34	—2	—27	—59	—43	+2900	—17
	Rajshahye	Beauleah	+99	—34	+35	—51	—79	—53	+107	—20
		Nattore	+155	—19	+7	+8	—66	—62	+454	+2
		Naogaon	+59	—65	+4	—55	—55	—81	+1362	—32
	Maldah	Maldah	+119	—43	+6	—66	—51	—74	+63	—28
		Chanchal	—34	—51	—7	—79	—66	—73	—89	—51

Meteorological Division.	District.	Station.	May.	June.	July.	August.	September.	October.	1st to 15th November.	Total.
North Bengal—concluded.	Dinagepore	Mohadebpore ...	—25	—74	+96	—66	—65	—68	+775	—47
		Churamon ...	+64	—64	+71	—56	—48	—41	—33	—17
		Raigunge ...	+35	—20	+113	—60	—43	—79	—100	—4
		Dinagepore ...	+76	—76	+49	—75	—82	—88	—100	—35
		Baloorghat ..	+13	—34	+28	—37	—78	—44	+89	—25
	Rungpore ...	Bhawanigunge (*Gyabanda*) ...	+77	—56	+57	—44	—69	—29	+666	—14
		Rungpore ...	+79	—42	+25	—65	—63	+97	0	—9
		Kurigram ...	+22	—54	+47	—77	—82	—2	—60	—28
		Bagdogra (*Nilphamari*) .	+3	—70	+92	—78	—89	—96	—100	—40
	Julpigoree ...	Julpigoree ...	+6	—66	—27	—53	—69	—74	—100	—49
	Cooch Behar	Dinhatta ...	—3	—43	+70	—51	—70	—81	—100	—30
		Cooch Behar ...	+8	—45	+21	—63	—52	—68	—100	—32
		Mickligunge ..	+30	—43	+9	—38	—59	—38	0	—27
		Matabhanga ...	+34	—40	+7	—56	—34	—87	—100	—28
	Darjeeling Hill	Buxa ...	—7	—43	—41	—52	—19	—49	+29	—37
		Siliguri ...	+15	—61	—46	—47	+6	—67	—100	—39
		Darjeeling ...	+95	—10	—10	—12	—67	—87	—100	—23
		Kalimpong ...	+91	—66	—26	—45	—17	—70	—100	—32
North Behar.	Purneah ...	Kissengunge ...	+116	—72	+1	—57	—59	—97	—100	—34
		Arrareah ...	+113	—44	—30	—46	—61	—54	—100	—31
		Purneah ...	+107	—48	—35	—74	—56	—75	—100	—44
	North Bhagulpore.	Maddapore ...	+69	—47	+15	—43	—84	—81	—100	—40
		Soopool ...	+44	—42	+50	—54	—71	—41	0	—46
	Durbhunga	Tajpore ...	+50	+52	+53	—30	—74	—95	—100	—1
		Durbhunga ...	+34	—30	—12	+20	—65	—66	—100	—18
		Madhubani ...	+91	—27	—25	—12	—88	—39	0	—29
	Mozufferpore	Sitamarhi ...	+129	+104	+25	—10	—78	—11	0	+13
		Mozufferpore ...	—22	—9	+2	—29	—91	—93	—100	—36
		Hajipore ...	—21	+61	—32	—61	—51	—85	—100	—32
	Chumparun	Motihari ...	+172	+11	—5	+18	—55	+14	0	+5
		Bettiah ...	+123	—15	—24	—60	—73	—5	0	—32
	Sarun ...	Gopalgunge ...	—17	+81	—13	—51	—45	—62	—100	—19
		Sewan ...	—23	+96	—73	—21	—24	—80	—100	—23
		Chuprah ...	—23	—23	—42	—34	—58	—89	—100	—44
South Behar.	Shahabad ...	Buxar ...	—72	—55	—78	—20	—30	—64	—100	—49
		Dehree ...	—72	—4	—61	+6	—38	—83	—100	—31
		Bhubooah ...	—69	—78	—55	+42	—17	—86	—100	—27
		Sasseram ...	+93	—51	—79	—13	—24	—79	—100	—42
		Arrah ...	—25	+22	—53	—46	—7	—63	—100	—32
	Gya ...	Aurungabad ...	—20	—33	—52	—18	—63	—87	—100	—42
		Gya ...	—82	+3	—42	+7	—42	—23	—100	—23
		Nowadah ...	+57	+20	—1	+7	—40	—85	—100	—5
		Jehanabad ...	—97	+11	+1	—62	—67	—44	—100	—34
	Patna ...	Patna ...	—8	+53	—38	—46	—51	—48	—100	—26
		Dinapore ...	+112	+95	—45	—46	+20	—88	—100	—10
		Behar ...	+75	—30	+27	—27	—32	—64	—100	—10
		Barrh ...	+66	+97	+10	0	—56	—84	—100	+1
	Monghyr ...	Begooserai ...	+6	+3	—4	—10	—74	+46	—100	—20
		Monghyr ...	+201	—29	+5	—21	—66	+21	—100	—11
		Jamui ...	—15	+14	—5	—7	—68	—66	—100	—18

Meteorological Division.	District.	Station.	May.	June.	July.	August.	September.	October.	1st–15th November.	Total.
South Behar.—*concld.*	South Bhagulpore.	Bhagulpore ...	+210	—18	+63	—33	—59	—94	—95	—5
		Banka ...	+116	—2	+23	+13	—20	—81	—100	+5
	Sonthal Pergunnahs.	Rajmehal ...	+60	—42	+2	—49	—68	+37	+27	—24
		Godda ...	+45	—49	+43	—28	—42	—53	—100	—13
		Pakour ...	+193	—65	—13	—47	—61	+53	+3540	—16
		Nya Doomka ...	+125	—56	—16	+11	—59	—92	+100	—21
		Dooghur ...	+31	—60	—7	—26	—51	—78	+33	—32
		Jamtara ...	+145	—24	+21	+7	+12	—44	0	+13
Chutia Nagpur.	Hazaribagh	Pachamba (*Giridi.*) ...	+166	—38	+22	—25	—17	—93	—100	—9
		Hazaribagh ...	+99	—45	—14	+5	+8	—92	—21	—9
		Semtagurah ..	+43	—69	—26	—16	—27	—86	—100	—31
		Mahudi Hills ...	+31	—34	—15	—26	+32	—62	—100	—15
		Jhoomra Hills .	—14	—66	+5	—11	—1	—52	—100	—16
	Lohardugga	Lohardugga ...	+42	—71	+13	—25	—5	—79	—43	—18
		Ranchee ...	+23	—66	—28	—20	+52	—96	—4	—19
		Palamow ...	—37	—84	—4	+79	+36	—98	—82	+7
	Singbhoom ...	Chyebassa ...	+3	—55	—33	+25	+36	—55	+109	—8
	Manbhoom	Purulia ...	+58	—19	+27	—22	+8	—93	+169	—2
		Gobindpore ..	+73	—60	+21	—23	—46	—85	—100	—22

METEOROLOGICAL OFFICE, BENGAL,
The 10*th December* 1891.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 2nd January 1892.

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.			
BURDWAN DIVN.			
1	Burdwan Jan. 2, '92 Culna ... Cutwa ... Raneegunge ...	Nil Nil Nil Nil	Weather—cold. Harvesting of *aman* rice nearly finished. *Rabi* crops doing well. Prices of common rice:— Srs. Sudder ... ... 14 per rupee. Culna ... ... 14 per rupee. Cutwa ... ... 14¼ per rupee. Raneegunge ... . 15¼ per rupee.
2	Bankoora „ 2, '92	Nil	Weather—seasonable. Harvesting of *aman* rice finished. *Rabi* plants thriving. Sugarcane ripening. Condition of cattle good. Supply of fodder and water sufficient. Common rice selling at 16½ seers per rupee at Bankoora and 17¼ seers at Bishenpur market.
3	Birbhum „ 2, '92 Rampore Haut ...	Nil Nil	Weather—seasonable. Harvesting of paddy nearly finished. *Rabi* crops beginning to suffer for continued want of rain; prospects yet fair. Supply of fodder and water sufficient. Coarse rice selling at from 14 to 17½ seers per rupee.
4	Midnapore „ 2, '92	Nil	Weather—fair with cold nights. Harvesting of paddy almost finished. Prospects of *rabi* crop not good. Sugarcane and indigo doing well. Prices of common rice:— Srs. Sudder ... ... 17 per rupee. Contai ... . 18 per rupee. Tumluk ... ... 14 per rupee. Ghatal .. ... nearly 16 per rupee.
5	Hooghly „ 2, '92 Serampore ... Jehanabad ...	Nil Nil Nil	Weather—seasonable. Reaping of *aman* paddy not yet finished. Outturn somewhat meagre in Serampore subdivision. Cold-weather crops promising. Price of rice rising somewhat. There is no difficulty in obtaining water and fodder-supply. Prices of common rice:— Srs. Sudder ... ... 12 per rupee. Serampore ... ... 12½ per rupee. Jehanabad ... ... 16 per rupee.
6	Howrah „ 2, '92 Uluberia ...	Nil Nil	Weather—seasonable. Harvesting of *aman* nearly finished. Outturn below an average crop. Sugarcane crop good. Price of common rice 13 to 14 seers per rupee. Health of cattle good. Fodder and water-supply sufficient.
PRESIDENCY DIVN.			
7	24-Perghs. „ 2, '92	Nil	Weather—seasonable. Harvesting of *aman* nearly over. Prospects of *rabi* continue unchanged. Pressing of sugarcane going on. Supply of fodder sufficient, and condition of cattle good. Prices stationary.
8	Nuddea „ 2, '92 Kushtea ... Chuadanga ... Ranaghat ... Meherpore ...	Nil Nil Nil Nil Nil	Weather—seasonable. Harvesting of *aman* nearly finished; prospects poor. Condition of *rabi* crops not good owing to want of moisture. Common rice selling at from 11 seers 7 chittacks to 14 seers 8 chittacks. Cattle-disease is reported in some parts of thana Kushtea. Supply of fodder and water sufficient.
9	Khoolna „ 2, '92 Bagirhat ... Satkhira ...	Nil Nil Nil	Weather-seasonable. Harvesting of *aman* continues; total outturn will be about 10 annas. Prospects of *rabi* fair. Common rice selling at from 15 to 16 seers per rupee. Fodder and water for cattle plentiful.
10	Jessore „ 2, '92 Jhenidah .. Magurah ... Narail ... Bongong ...	Nil Nil Nil Nil Nil	Weather—cool. *Aman* harvest not quite finished; outturn poor. *Rabi* crops do not promise well for want of rain. Fodder and water sufficient for cattle.
11	Murshedabad „ 2, '92	Nil	Weather—cool and fine. Harvesting of winter rice going on. Prospects of *rabi* crops not favourable. Ten cattle died of small-pox in thana Khargram in Kandi subdivision. There is sufficient fodder for cattle.
CHITTAGONG DIVN.			
12	Chittagong „ 2, '92	Nil	Weather—seasonable. Harvesting of winter rice still continues. Prospects unchanged. Vegetable crops doing well. Prices stationary. Condition of cattle good. Supply of fodder sufficient.
13	Noakhally „ 2, '92	Nil	Weather—seasonable. *Aman* paddy is still being harvested. *Rabi* crops doing well. No cattle-disease. Fodder and water available. Price of common rice at Sudharam 15 seers and Fenny 17 seers per rupee.
14	Tipperah „ 2, '92	Nil	Weather—seasonable. Prospects of winter crops fair. Fodder sufficient. No cattle-disease reported.
15	Chittagong Hill Tracts. Dec. 31, '91	Nil	Weather—seasonably cool and fine. Gathering of plough-paddy going on. Vegetables and other cold-weather crops progressing. Cattle dying of small-pox here and there. Fodder and water sufficient. Price of common rice 11 seers 3 chittacks per rupee.

Division	No	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—concld.					
DACCA DIVN.	16	Dacca	Jan. 2, '92	Nil	Weather—seasonable. Harvesting of *aman* nearly completed. Prospects of mustard and *kalai* fair. Fodder available. Common rice selling at from 14 to 18 seers per rupee. Condition of people and cattle good.
	17	Furreedpore Goalundo Madaripore	„ 2, '92	Nil Nil Nil	Weather—seasonable. Harvesting of *aman* paddy finished nearly. Sowing of *jali dhan* in chur lands in progress. State of *rabi* crops fair. Rice selling at 16, 16, and 14 seers per rupee at Sudder, Madaripore, and Goalundo, respectively. Fodder for cattle available.
	18	Backergunge	„ 2, '92	Nil	Weather—seasonable. Prospects of crops good. Common rice sells at from 10 to 17 seers per rupee. Supply of fodder and water sufficient. Cattle-disease reported from Bhandaria and Matbaria.
	19	Mymensingh	„ 2, '92	Nil	Weather—very cold generally. Harvesting of winter rice almost completed. Prospects fair on the whole. Coarse rice sells at 15 seers per rupee. Condition of cattle good. Supply of water and fodder generally sufficient.
RAJSHAHYE DIVN.	20	Dinagepore Thakurgaon	„ 2, '92 ...	Nil Nil	Weather—cool. Harvesting of winter rice still going on. Outturn of sugarcane estimated to be 16 annas. Prospects of other standing crops unchanged. Land being prepared for *bhadoi*. Price of rice at Sudder 13½ seers per rupee and at Thakurgaon 11 seers, but has a tendency to fall. Condition of cattle good. Supply of fodder and drinking water sufficient.
	21	Rajshahye Nattore Nowgong	„ 2, '92	Nil Nil Nil	Weather—cold and seasonable. *Aman* crop will at best average only an 8-anna crop throughout the district. It has been very poor in places. Cold weather crops all coming up well; some will be exuberant. Rice selling at from 12 to 18 seers per rupee. No cattle-disease. Fodder and drinking water plentiful.
	22	Rungpore Gaibanda Nilphamari Kurigram	„ 2, '92	Nil Nil Nil Nil	Weather—warm during the day with clouds; cold nights. *Aman* harvest proceeding. Prospects unchanged. Common rice selling at from 11 to 16 seers per rupee. Prices falling. Prospects of sugarcane, mustard, tobacco, and potatoes favourable. Preparation of lands for *bhadoi* progressing. Fodder plentiful.
	23	Bogra Sherpur Nowkhilla	„ 2, '92	Nil Nil Nil	Weather—mornings foggy and cool, days fine. Reaping of *aman* still going on; an average 8-anna crop expected. *Rabi* doing well. No cattle-disease. Fodder and water not sufficient. Price of rice almost stationary.
	24	Pubna	„ 2, '92	Nil	Weather—fine and cold. State of crops the same as before. Price of common rice and jute about the same. Condition of cattle good. Water-supply and fodder sufficient.
	25	Darjeeling	„ 2, '92	Nil	Weather—cold. Wheat, potato, and barley progressing well. *Haimanti* rice and *kalai* still being harvested. Prospects good. Prices of common rice :— Srs. Silliguri ... ... 12 Phansidewa ... ... 11½ Kalimpong ... ... 10 Pulbazar ... ... 10 Jore Bungalow ... ... 11 Nagri ... ... 8 Sonadah ... - ... 10 Kurseong ... ... 10 Darjeeling ... ... 11 } per rupee. Fodder and water-supply sufficient. No disease among cattle.
	26	Julpigoree	„ 2, '92	Nil	Weather—cold and cloudy during the latter part of the week. Harvesting of *haimanti* paddy approaching completion; outturn poor. *Rabi* crops doing well. Rain much wanted. Price of common rice stationary. No cattle-disease. Fodder and water-supply abundant.
BEHAR.					
BHAGULPORE DIVN.	27	Monghyr Beguserai Jamui	„ 2, '92	Nil Nil Nil	Weather—clear and cold. Harvesting of winter rice not yet complete in south. outturn in Beguserai about 2 annas. Rain wanted for *rabi* crops and indigo. Fodder and water for cattle sufficient. Cattle-disease prevalent in the south. Common rice 12 to 15 seers per rupee.
	28	Bhagulpore	„ 2, '92	Nil	Weather—seasonable. Harvesting of winter rice is about to end. Prospects of *rabi* crops not improved. Mustard may yield about 8 or 10 annas. Price of common rice—old 12 seers, new 12 seers 15 chittacks per rupee.
	29	Purneah Kishengunge Arrareah	„ 2, '92	Nil Nil Nil	Weather—settled: no appearance of rain. *Aghani* 12 annas harvested. *Rabi* pretty good, 8 annas to 12 annas in Sudder subdivision. Rice rather cheaper in distressed localities: 11 to 13 seers per rupee. Rain much required, but no complaints of fodder and water. No cattle-disease.
	30	Maldah Chanchal Gajole Shibganje	„ 2, '92	Nil Nil Nil Nil	Weather—seasonably cool. Winter rice is still being harvested. Gathering of *kalai* also in progress. Prospects of other *rabi* crops fair. Cattle-pox reported from Shibgunge and Ratua. Fodder and water sufficient. Coarse rice sells at from 11 to 14½ seers per rupee.
	31	Sonthal Pergns.	„ 2, '92	Nil	Weather—cool with west winds; dry. Paddy harvest nearly complete; outturn 10 to 12 annas except in Godda and Rajmehal, where it is about 9 annas. General complaints of want of rain for *rabi* which will be not more than 10 annas if there be no rain. Tanks are dry, but there is no want of fodder yet.

	No.	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BEHAR—*concld.*					
PATNA DIVISION.	32	Patna Behar Dinapore	Jan. 2, '92	Nil Nil Nil	Weather—cold and clear. Harvesting and threshing of paddy in progress. Rain badly wanted for *rabi* and poppy crops. Prices almost stationary. In the corresponding week of last year prospects of *rabi* and poppy were reported good. A little damage was, however, done to poppy by caterpillars.
	33	Gya Jehanabad Nawada Aurungabad	„ 2, '92	Nil Nil Nil Nil	Weather—very cold sometimes with cloudy morning. Harvesting of paddy still going on. Prospects of *rabi* continue the same, and rain still wanted. Poppy doing well. Sugarcane being pressed. Prices rising. Supply of fodder and water for cattle yet sufficient.
	34	Shahabad Buxar Bhabuah Sasseram	„ 2, '92	Nil Nil Nil Nil	Weather—cold with heavy nightly dews. *Rabi* continues to bear up wonderfully against the drought. In the north of the district the crops are splendid, and elsewhere in irrigated tracts there is no cause for alarm. In Sasseram and Bhabuah a deterioration is reported. Water-supply is short, and prices are rising.
	35	Durbhunga	„ 2, '92	Nil	Weather—cool. Harvesting of paddy completed. *Rabi* doing well in places where there is moisture, but rain wanted everywhere. *Rahar* and tobacco good. Price of common rice almost stationary. Supply of fodder and water for cattle sufficient.
	36	Mozufferpore Sitamarhi Hajipur	„ 2, '92	Nil Nil Nil	Weather—cold. Harvesting of paddy nearly completed everywhere. Rain very urgently wanted for *rabi* cops. Tobacco and *rahar* doing well. Weather favourable for poppy. Irrigated crops doing well. Cattle in good condition. Fodder and water for cattle sufficient. Price of rice has fallen to some extent in Sitamarhi; stationary elsewhere.
	37	Sarun	„ 2, '92	Nil	Weather—seasonable. *Rabi* being irrigated. Fodder and water sufficient. Prices of common rice :— Srs. Ch. Chupra ... ... 13 9 } Sewan ... ... 15 8 } per rupee. Gopalgunge ... ... 15 0 }
	38	Chumparun	„ 2, '92	Nil	Weather—cold. *Rabi* is being weeded. Prospects fair. Rain wanted. Fodder and water for cattle sufficient.
ORISSA.					
ORISSA DIVN.	39	Cuttack	„ 2, '92	Nil	Weather—cold and seasonable. *Sarad* harvest progressing. *Rabi* crops generally doing well. Sugarcane harvested. Fodder-supply ample. Price of common rice 13 seers 2 chittacks at head-quarters and 20 seers in the interior.
	40	Pooree	Dec. 31, '91	Nil	Weather—cool. Reaping of *sarad* rice continues. *Dalua* rice being sown. Miscellaneous crops doing well. Common rice sells at from 12¼ to 21 seers per rupee. Cattle-disease reported from Khurda, Begunia, Dandimal, and Banpur.
	41	Balasore	Jan. 2, '92	Nil	Weather—normal. Harvesting of winter rice still continues. Sugarcane and miscellaneous crops doing well. Price of rice 17 seers per rupee at Balasore and 19 seers at Bhadrak.
CHOTA NAGPORE.					
South-West Frontier Agency.					
CHOTA NAGPORE DIVN.	42	Hazaribagh Giridih	Jan. 2, '92 ...	Nil Nil	Weather—seasonable. It will do immense good to *rabi* crops if it rains now Poppy doing fairly. Common rice selling at from 13 to 16 seers per rupee. Cattle-disease reported from certain places. Fodder and water-supply sufficient.
	43	Lohardugga Palamow (up to 28th Dec.)	„ 2, '92	Nil Nil	Weather—seasonable. Harvesting of winter rice finished. Rain badly wanted for *rabi* crops. Common rice selling in the Ranchi bazar at 15 seers per rupee. Fodder plentiful.
	44	Singbhoom	„ 2, '92	Nil	Weather—seasonable. Standing cold weather crops doing well. *Sirguja, til,* mustard and *rahar* being harvested with 12 to 16 annas outturn. Fodder sufficient except at Chyebassa, where it is falling off.
	45	Manbhoom Govindpore	„ 2, '92 ...	Nil Nil	Weather—dry and cold. *Rabi* crops suffering from drought. Rice crop harvested; outturn not more than 10 annas all round. Fodder and water-supply still sufficient. Rice selling at from 16 to 22 seers per rupee.

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 5th January, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (*RETAIL*) OF FOOD-GRAINS, FIREWOOD AND SALT IN THE HEAD-QUARTERS STATION BAZARS OF THE DISTRICTS OF BENGAL DURING THE FORTNIGHT ENDING THE 31st DECEMBER, 1891.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the

	Number.	DISTRICTS.	QUANTITIES PER RUPEE IN														
			WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLUM. (*Sorghum Vulgare.*)		
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
BENGAL.			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
BURDWAN DIVISION.	1	Burdwan	10 1¼	11 0	14 0	..	...	...	12 0	12 0	16 8	15 0	14 10	18 6	...	...	...
	2	Bankoora .	12 0	12 0	14 0	16 0	16 0	18 0	12 8	13 0	19 0	16 4	17 8	21 4	...	...	...
	3	Beerbhoom .	12 8	11 4	10 0	...	...	...	13 0	13 8	13 8	15 0	15 0	13 12	...	...	...
	4	Midnapore .	11 0	11 0	10 8	...	...	...	11 0	11 0	14 0	17 0	17 0	18 0	...	...	...
	5	Hooghly ...	13 0	13 0	13 0	...	...	..	8 0	8 0	8 0	13 0	13 0	13 0	.	...	...
	6	Howrah ...	11 4	11 4	...	...	...	...	10 4	10 4	11 0	13 0	13 4	16 0	.	...	..
PRESIDENCY DIVISION.		Calcutta	11 2	11 3	12 14	19 0	16 14	17 7	8 7	8 11	9 3	12 12	12 8	14 12	16 0	..	15 8
	7	24-Pergunnahs	10 10	10 8	13 4	20 0	20 0	16 0	8 0	8 0	8 0	13 0	14 0	16 0	...	...	...
	8	Nuddea	12 13	13 10	15 4	22 14	26 10½	...	10 0	10 5	13 9½	13 1	13 5	16 1	..	.	...
	9	Khoolna ...	...	...	...	...	.	...	12 8	13 0	13 0	14 0	14 8	16 0	..	...	...
	10	Jessore .	10 0	11 0	12 12	..	...	...	11 0	11 8	11 8	16 0	16 0	16 0	...	...	...
	11	Moorshedabad	12 0	13 4	15 0	..	.	...	10 0	11 0	10 0	13 4	13 4	18 0	...	...	...
CHITTAGONG DIVISION.	12	Chittagong ...	9 12	9 12	12 0	...	.	...	9 8	9 8	11 0	13 0	13 0	16 4	...	...	...
	13	Noakholly ...	...	...	...	.	...	..	14 0	13 0	15 0	15 0	11 0	17 0	...	...	...
	14	Tipperah ...	10 0	10 0	10 0				0 10	0 10	11 7	14 12	14 12	13 8		.	...
	15	Chittagong Hill Tracts.	..	...	..	..		...	10 0	10 6	11 6	11 3	11 5	13 5½	.	..	...
DACCA DIVISION.	16	Dacca .	10 8	11 0	12 0	26 0	21 0	14 0	12 0	12 4	15 0	14 0	14 4	17 0	...	...	...
	17	Furreedpore .	16 0	16 0	16 0	16 0	16 0	20 0	10 0	9 0	12 0	16 0	16 0	16 0	...	...	...
	18	Backergunge ...	...	.	.	.	.		Old 10 8	11 0	13 14	Old. 11 0	14 8	15 4	...	...	...
	19	Mymensingh	9 8	9 0	11 4	...			3 0	3 4	0 0	14 8	16 0	5 0	.	...	...
RAJSHAHYE DIVISION.	20	Dinagepore ...	12 0	12 0	12 0	17 8	17 8	20 0	10 0	10 12	15 8	12 8	13 3	19 4	...	..	...
	21	Rajshahye ...	10 8	12 0	16 8	26 4	26 4	21 0	12 0	9 12	12 0	12 12	14 4	16 8	..	..	...
	22	Rungpore	8 0	8 0	13 5	...	...	...	10 0	10 0	9 6	13 0	13 0	14 8	...	...	...

A In subdivisions retail prices of salt per rupee are :—Culna 10 seers, Cutwa 11¼ seers, and Raneegunge 10 seers.
B At Rampore Hat retail price of salt 10½ seers per rupee.
C In subdivisions retail prices of salt per rupee are :—Ghatal 11 seers, Tumlook 10 seers, and Contai 11 seers.
D In subdivisions retail prices of salt per rupee are :—Serampore (at Bhudressur) 12 seers 1 chittack and Jehanabad 11 seers 2 chittacks.
E At Uluberia retail price of salt 10½ seers per rupee.
F In subdivisions retail prices of salt per rupee are :—Baraset 10 seers 10 chittacks, Busirhat (at Baduria) 11¼ seers, Diamond Harbour (Magrahat) 10 seers 10 chittacks, Barrackpore 9 seers 2 chittacks, and Dum-Dum 10 seers.
G In subdivisions retail prices of salt per rupee are :—Kooshtea 10 seers, Meherpore 9½ seers, Chooadanga 10 seers, and Ranaghat 10 seers.
H In subdivisions retail prices of salt per rupee are :—Satkhira 10½ seers and Bagirhat 8 seers.
I In subdivisions retail prices of salt per rupee are :—Jhenidah 10 seers, Magura 10 seers, Narail 9 seers 10 chittacks, and Bongong 10½ seers.

[3]1st December, 1891.

SEERS OF 80 TOLAHS.

	Bajra or Cumbu. (*Pennisetum typhoideum.*)			Marua or Ragi. (*Eleusine Coracana.*)			Kangni or Kakun, Italian millet. (*Setaria italica.*)			Gram, Chana, Chhola, Kadalay, or Sunaga. (*Cicer arietinum.*)			[...]TH. Skilled labour—Common mason, Carpenter, Blacksmith.			Districts.	Number.
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.		
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	[...] A.	Rs. A.	Rs. A.		
																BENGAL.	
Burdwan Division.	...	...	...	...	...	...	...	...	...	16-13 2½	18 8	23 0	[...]0 to [...]0	10 0 to 15 0	10 0 to 15 0	Burdwan.	1
	...	.	...	...	...	...	...	...	...	16 0	16 0	16 0	[...]0 to [...]0	10 0 to 15 0	9 0 to 16 0	Bankoora.	2
	...	...	...	...	...	...	...	...	...	16 0	19 0	17 4	[...]8 to [...]0	7 8 to 12 0	10 0 to 12 0	Beerbhoom.	3
	...	.	...	...	...	...	...	..	...	18 0	18 0	17 0	[...]8 to [...]4	7 8 to 0 0	7 8 to 10 0	Midnapore.	4
	...	...	...	...	..	...	...	...	...	16 0	16 0	16 0	[...]0 to [...]0	8 0 to 24 0	8 0 to 30 0	Hooghly.	5
	...	...	...	...	...	...	...	...	...	17 8	17 8	19 0	[...]0 to [...]0	12 0 to 25 0	10 0 to 25 0	Howrah.	6
Presidency Division.	12 8	11 9	12 5	...	...	...	10 6	12 8	9 6	15 12	15 12	17 8	[...]	15 0	15 0	Calcutta.	
	...	...	...	..	...	..	8 0	8 0	7 8	18 0	18 0	20 0	[...]	15 0 to 20 0	15 0 to 20 0	24-Pergunnahs	7
	...	...	...	...	...	..	...	...	...	19 6¼	18 13	21 5¼	[...]	7 8 to 15 0	7 8 to 15 0	Nuddea.	8
	...	...	...	...	...	.	...	...		16 0	16 0	13 0	[...]	10 0 to 25 0	12 0 to 25 0	Khoolna.	9
	...	...	...	...	..		...	...	.	16 0	17 0	16 12		10 0 to 20 0	10 0 to 15 0	Jessore.	10
	...	...	...	..	...	...	...	...	...	20 0	20 0	22 0		7 8	10 0 to 20 0	Moorshedabad.	11
Chittagong Division.	...	...	...	...	...	..	...	...	...	12 0	12 0	12 0		12 0	12 0	Chittagong.	12
	...	...	...	...	...	...	...	..	...	11 0	13 0	13 0		5 0 to 15 0	10 0 to 15 0	Noakhally.	13
	...	..	...	...	...	...	...	...	...	13 0	13 0	16 0		...	...	Tipperah.	14
	...	...	...	...	...	...	...	..	...	...	...	..		..	..	Chittagong Hill Tracts.	15
Dacca Division.	...	...	..		...	...	...	...	...	16 0	16 0	16 0		.	...	Dacca.	16
	...	...	..	...	.	...	...	...	...	13 0	14 0	12 0		15 0 to 25 0	10 0 to 20 0	Furreedpore.	17
	...	.	...	...	.	...	..	...	...	14 0	14 8	15 4		13 8 to 15 0	11 0	Backergunge.	18
	...	..	..	.	...	..	...	...	...	13 0	13 0	14 0		2 0 to 30 0	12 0 to [illegible]	Mymensingh.	19
Rajshahye Division.	...	..	..	...	.	...	...	...	...	15 0	15 0	15 0		10 0 to 15 0	10 0 to 15 0	Dinagepore	20
	...	...	...	...	...	...	...	...	...	19 8	19 8	19 8		7 8 to 16 0	8 0 to 1[illegible] 0	Rajshahye.	21
	...	...	...	..	...	...	...	...	...	16 0	16 0	13 5		[illegible]0 0 to 10 0	10 0 to 20 0	Rungpore.	22

[...] seers.
[...] seers, and Naraingunge 10¾ seers.
[...]ers.
[...] retail prices of salt per rupee are :—Ferozepore 8 seers, Pattuakhali 9 seers, and Bhola 6 seers.

Q In subdivisions retail prices of salt per rupee are :- Kishoregunge 8 seers, Jamalpore 9 seers 6 chittacks, Sherpore 8 seers, and Netrokona 8 seers.

R At Thakurgaon retail price of salt 8 seers per rupee.

S In subdivisions retail prices of salt per rupee are :--Nattore 9 seers and Nowgong 9 seers 9 chittacks.

T In subdivisions retail prices of salt per rupee are :- Kurigram 8 seers, Nilphamari 10 seers, and Gaibanda 9 seers 6 chittacks.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the Head-quarters

Division	Number.	DISTRICTS.	QUANTITIES PER RUPEE IN														
			WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLUM. (*Sorghum Vulgare.*)		
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
BENGAL -*continued.*																	
			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. C.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
RAJSHAHYE DIVISION —*contd.*	23	Bogra ...	9 0	10 8	15 0	...	...	...	12 0	12 0	12 0	15 0	New 15 0 Old. 13 8	17 4	...	...	...
	24	Pubna .	12 12	13 8	18 0	..		.	7 8	7 8	7 8	15 0	15 0	16 14	.	..	...
	25	Darjeeling	8 0	9 0	9 0	10 0	10 0	10 0	5 0	5 0	5 0	11 0	11 0	14 0	...	...	...
	26	Julpigoree	10 0	10 0	12 0	14 0	14 0	16 0	8 0	7 0	8 0	11 0	11 8	16 0	...	...	...
BEHAR.																	
BHAGULPORE DIVISION.	27	Monghyr ...	13 10½	13 10	15 12	20 0	20 8	...	10 8	10 8	12 9	12 10	13 10	18 0	...	...	
	28	Bhagulpore ...	13 4	13 14	16 6	22 11	24 0	20 3	10 11 11 6	11 6 13 4	12 10 16 6	Old. 12 0 New. 12 10	12 10 14 8	16 6 18 15	..	...	...
	29	Purneah ...	11 0	11 0	17 0	10 0	16 0	..	9 8	10 0	20 0	11 0	12 0	22 0	...	...	...
	30	Maldah ...	12 0	13 0	14 0	...	...	...	10 0	10 0	13 0	13 0	13 0	18 5	...	...	...
	31	Sonthal Perghs.	11 0	11 0	14 0	...	...	..	12 0	13 0	13 0	15 0	16 0	20 0	...	..	...
PATNA DIVISION.	32	Patna ...	16 0 14 0	Red. 16 0 White. 15 0	17 4 16 4	26 0	27 0	22 0	11 8	11 8	11 0	17 8	18 0	19 6	21 0	25 0	...
	33	Gya ...	12 8	12 8	15 4	24 0	24 0	21 0	10 8	10 8	10 0	14 0	13 12	18 8	...	...	...
	34	Shahabad ...	13 8	13 8	14 8	20 0	20 0	16 0	9 0	8 0	9 0	15 0	14	16 12	...	...	..'
	35	Durbhunga ...	14 4	13 3	13 8	22 0	22 0	22 0	11 0	11 0	13 8	13 3	13 12	17 0	...	...	
	36	Mozufferpore	12 0	12 0	17 0	24 0	25 0	20 0	11 0	11 0	15 0	13 0	13 0	17 0	...	...	...
	37	Sarun ...	12 12	13 2	15 0	26 0	24 0	20 0	8 8	8 8	8 8	13 9	13 11	15 0	...	...	...
	38	Chumparun ...	12 0	13 8	18 0	21 0	22 0	23 0	9 0	10 0	9 0	16 8	17 0 Old. 12 0	18 0	..	...	...
ORISSA																	
ORISSA DIVISION.	39	Cuttack ...	8 8	7 14	13 2	...	...	...	10 8	10 8	10 8	13 2	13 2	19 11	...	...	...
	40	Pooree ...	8 8	8 2	13 2	...	...	...	11 13	11 13	14 7	15 12	15 12	21 0	..	...	...
	41	Balasore ...	11 0	12 0	15 0	10 0	10 0	13 0	13 0	13 0	13 0	17 0	19 0	21 0	..	...	...
CHOTA NAGPORE.																	
CHOTA NAGPORE DIVISION.	42	Hazaribagh ...	11 0	12 0	14 0	16 0	18 0	18 0	8 0	8 0	11 0	13 8	14 8	18 0	...	...	...
	43	Lohardugga ...	10 8 8 2	Red. 9 0 White. 7 4	13 8 7 12	14 0	13 0	20 0	12 0	12 0	New. 16 0 Old. 13 0	14 0 16 0	Ordinary. 16 0 Coarse. 16 8	18 0 21 0	...	..	...
	44	Singbhoom ...	15 0	15 0	15 0	16 0	16 0	16 0	16 0	16 0	12 0	20 0	20 0	17 0	..	..	..
	45	Manbhoom	11 0	11 0	13 0	...	...	..	14 0	14 0	15 0	18 0	19 8	21 0	...	...	...

U At Serajgunge retail price of salt 11½ seers per rupee.
V Retail price of salt at Silliguri and Kurseong 8 seers per rupee.
W At Falacatta in Alipore subdivision retail price of salt 8½ seers per rupee.
X In subdivisions retail prices of salt per rupee are :—Beguserai 9½ seers and Jamui 10 seers.
Y In subdivisions retail prices of salt per rupee are :—Banka (Amarpur) 10 seers, Mudohpura 10 seers, and Supobl 10 seers.
Z In subdivisions retail prices of salt per rupee are :—Kishongunge 8 seers and Arrareah 10 seers.
a In subdivisions retail prices of salt per rupee are :—Pakour 10½ seers, Rajmehal 10¼ seers, Jamtara 10 seers, Godda 9 seers, and Deoghur 10 seers 11 chittacks.
b In subdivisions retail prices of salt per rupee are :—Barh 11½ seers, Behar 10 seers, and Dinapore 10 seers 2 chittacks.

CALCUTTA,
The 5th January, 1892.

...ber, 1891—(concluded).

SEERS OF 80 TOLAHS. ... MONTH.

Bajra or Cumbu (*Pennisetum typhoideum*) — Present return	Bajra — Next preceding return	Bajra — Corresponding return of last year	Marua or Ragi (*Eleusine Corocana*) — Present return	Marua — Next preceding return	Marua — Corresponding return of last year	Kangni or Kakun, Italian millet (*Setaria italica*) — Present return	Kangni — Next preceding return	Kangni — Corresponding return of last year	Gram, Chana, Chhola, Kadalay or Sunaga (*Cicer arietinum*) — Present return	Gram — Next preceding return	Gram — Corresponding return of last year	... of last year	Skilled labour, Common Mason, Carpenter, Blacksmith — Present return	Skilled labour — Next preceding return	Skilled labour — Corresponding return of last year	Districts	Number
S. Ch	S. Ch	S. Ch.	S. Ch	S. Ch	S. Ch.	S. Ch	S. Ch.	S. Ch.	S. Ch	S. Ch	S. Ch	. A.	Rs A	Rs A	Rs A		
																BENGAL—continued. Rajshahye Division—contd.	
...	..	...	...	..	..	...	.		10 14	12 0	13 5	0 to 0	10 0 to 20 0	10 0 to 20 0	10 0 to 20 0	Bogra.	23
...	...	..	...		..	.	.		17 4	17 8	18 0	0 to [illegible]	7 0 to 20 0	7 0 to 20 0	7 0 to 20 0	Pubna.	24
...	...	...	13 0	13 0	15 0	.	..	..	11 0	11 0	11 0	0 to 0	15 0 to 20 0	1[illegible] 0 to 20 0	15 0 to 30 0	Darjeeling.	25
...	...	...	.	..	.	...	..		13 0	13 0	14 0			..		Julpigoree.	26
																BEHAR. Bhagulpore Division.	
..		.	.		..	..	14 10	15 3	20 0	20 8	21 0	0 to 0	7 8 to 15 0	4 11 to 1[illegible] 0	7 8 to 15 0	Monghyr.	27
.	...	.	...	..	...	...	...	...	20 3	20 3	20 3	0 to 0	7 8 to 1[illegible] 0	10 0 to 18 0	7 8 to 11 4	Bhagulpore.	28
...	...		...	..	...	...	...	...	15 0	15 0	17 0				.	Purneah	29
.	...	.	—	...	..	.	..	...	18 0	18 0	16 0	0	8 0 to 12 0	9 0 to 14 0	8 0 to 12 0	Maldah	30
..	..	.	...	..	..		..		17 0	17 0	17 0	0	7 8 to 15 0	7 0 to 15 0	7 8 to 15 0	Sonthal Perghs.	31
																Patna Division.	
...	..	...	25 0	25 0	...	21 0	21 [illegible]	[illegible] 0	22 0	23 0	19 6	8 to 0	7 0 to 8 0	7 0 to 8 0	7 0 to 8 0	Patna	32
...	...	...	...	..	..	16 4	16 4	15 0	20 [illegible]	20 0	19 0	0 to 0	[illegible] 8 to 8 0	6 0 to 8 0	6 0 to 8 0	Gya	33
...	...	—	...	...	...	...	.	...	20 0	20 0	19 0		.	.		Shahabad	34
...	...	...	[illegible]	21 0	25 0	...	...	.	20 14	18 11	19 12		.			Durbhunga	35
...	..	...	...	—	...	...	—	..	19 0	19 0	18 0					Mozufferpore	36
16 0	...	...	23 [illegible]	23 0	[illegible]	16 0	14 0	13 0	21 0	20 0	17 8	0 to 0	5 10 to 10 0	5 10 to 10 0	6 [illegible] to 10 0	Sarun	37
...	...	...	24 0	24 [illegible]	29 0	...	—	...	19 0	19 0	19 0	0 to 0	5 0 to 8 0	5 0 to 8 0	4 0 to 6 0	Champarun	38
																ORISSA. Orissa Division.	
...	...	—	...	...	...	...	...	...	13 7	(Kalai.) 13 2	12 7				..	Cuttack	39
..	...	...	..	...	...	..	...	.	13 2	(Kalai.) 12 0	15 12	5 0	9 0 to 10 0	6 0 to 7 0	7 8 to 11 4	Pooree	40
...	...	...	...	...	...	...	...	...	14 0	14 0	14 0	4 0 to 3 0	7 0 to 10 0	7 0 to 10 0	7 0 to 1[illegible] 0	Balasore	41
																CHOTA NAGPORE. Chota Nagpore Division.	
...	...	...	21 0	24 0	28 0	...	...	...	17 0	17 0	17 0					Hazaribagh	42
...	...	...	25 0	26 8	40 0	...	...	...	16 8	16 8	16 [illegible]	0 to 0	5 10 to 11 4	5 1[illegible] to 11 [illegible]	4 11 to 12 [illegible]	Lohardugga	43
...	...	...	...	...	...	..		...	15 0	15 0	16 0	4 0	12 0	12 0	12 0	Singhbhoom	44
...	...	...	...	...	...	...	.	...	15 0	15 0	16 8		.			Manbhoom	45

h 10 seers, and Bhura 10½ seers
... 11 seers
... 10 seers
... 11 seers 6 chittacks
... 12 seers

Published for general information

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (*wholesale*) *of Food-grains, Firewood, and Salt*

Number.	MARTS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 5 0	3 5 3	2 13 5	1 13 9	2 1 7	2 0 4	4 7 9	4 5 6	4 1 3	2 15 6	2 15 0	2 7 3
2	Serajgunge	3 6 0	3 2 0	1 12 0	...	...	...	5 0 0	4 12 0	4 12 0	2 15 0	2 15 0	2 8 0
3	Dacca ...	3 12 0	3 8 0	3 4 0	1 8 0	1 12 0	2 12 0	3 5 0	3 4 0	2 10 0	2 13 0	2 12 0	2 4 0
4	Naraingunge	...	...	...	...	...	...	2 10 0	2 8 0	2 14 0	2 6 0	2 4 0	2 12 0
5	Chittagong	4 0 0	4 0 0	3 4 0	...	...	...	4 0 0	4 0 0	3 10 0	3 0 0	3 0 0	2 6 0
6	Patna ...	2 8 0 2 13 6	Red. 2 8 0 White. 2 10 6	2 5 0 2 7 0	1 10 6	1 6 9	1 12 0	3 8 0	3 8 0	3 8 0	2 4 9	2 3 6	2 0 0
7	Balasore ...	3 12 0	3 4 0	2 8 0	3 12 0	3 12 0	3 0 0	3 0 0	3 0 0	3 0 0	2 6 0	2 1 0	1 14 0
8	Pooree ...	4 14 0	4 14 0	...	...	...	...	4 9 0	4 9 0	...	2 8 6	2 8 6	1 14 3
9	Cuttack ...	4 10 0	5 0 0	3 0 0	...	...	...	3 10 0	3 10 0	3 10 0	3 0 0	3 0 0	2 0 0

CALCUTTA,
The 5th January, 1892.

...the undermentioned Marts of Bengal on the 31st December, 1891.

PRICES PER MAUND

Jowar or Cholum. (Sorghum Vulgare.) Present return.	Next preceding return.	Corresponding return of last year.	Bajra or Cumbu. (Pennisetum typhoideum.) Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
2 4 0	...	2 6 0	2 10 10	2 15 0	2 11 6
...	...	..	...	...	..
...	...	..	..	..	..
...	...	..	..	..	..
...	...	...	..	...	..
1 14 6	1 9 6	...	.	...	...
...	...		...	.	..
...					...
.	...	...	..	.	..

34a

Arhar or Thur Cadjan Pea. (Cajanus indicus.) Present return.	Next preceding return.	Corresponding return of last year.	Firewood Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Marts.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
2 8 7	2 6 4	2 5 9	0 5 9	0 5 9	0 5 9	3 4 7	3 6 0	3 6 0	Calcutta.
...	...	...	0 6 3	0 6 6	0 6 6	3 7 0	3 5 0	3 13 0	Serajgunge.
2 12 0	2 8 0	2 12 0	0 5 0	0 5 0	0 5 0	3 12 0	3 12 0	4 0 0	Dacca.
3 8 0	3 8 0	3 4 0	0 8 0	0 8 0	0 8 0	3 6 0	3 8 0	3 10 0	Naraingunge.
...	...	...	0 5 0	0 5 0	0 5 4	3 8 0	3 8 0	3 11 0	Chittagong.
2 1 6	2 1 6	2 3 0	0 5 4	0 5 4	0 5 8	3 8 0	3 7 0	3 10 0	Patna.
...	...	...	0 5 0	0 4 6	0 4 6	3 12 0	3 12 0	3 11 0	Balasore.
2 8 0	2 8 0	...	0 8 0	0 8 0	...	3 6 0	3 6 0	3 12 0	Pooree.
2 4 0	2 8 0	2 2 0	0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 12 0	Cuttack.

...blished for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS. Air Pressure. Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Wind. Prevailing direction.	Mean wind velocity.	Temperature. Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal of week.	Mean 8 A.M. temperature.
Orissa.	Pooree	Pooree ..	30·002	30·041	—	N	219	79·6	31st Dec. & 2nd Jan.	55·6	27th Dec.	78·7	57·0	68·3	—	63·1
		Gopalpore ..	30·091	30·053	+·021	NNW	247	81·7	2nd ,,	52·0	27th ,,	78·7	54·1	66·4	−2·4	59·4
		False Point ..	30·089	30·053	+·003	NW & N N W	154	81·4	2nd ,,	52·5	29th ,,	77·3	54·0	65·7	−1·4	58·7
	Cuttack	Cuttack ...	30·035	30·062	+·020	NWly	31	86 3	2nd ,,	50·9	27th ,,	80·7	53·3	67·0	−3·1	57·5
	Balasore	Balasore ..	30 013	30·040	−·004	NW	69	82·4	2nd ,,	46 4	27th ,,	79·0	50 3	64 7	−0·6	55·9
South-West Bengal.	South-West Midnapore, South 24-Pergunnahs	Saugor Island	30 072	30·042	−·002	Nly	202	75·2	31st Dec. & 2nd Jan.	52·8	27th ,,	74·5	55·0	64·8	−1·3	60 0
	Midnapore	Midnapore ..	29·948	30·053	−·008	N & NW	232	82·3	2nd ,,	47 1	27th ,,	79·2	51·3	65·3	−1·0	58·7
	24-Pergunnahs, Howrah, Hooghly	Calcutta .	30·079	30 047	−·005	Nly	58	78·7	2nd ,,	50·7	27, 31 ,,	76·3	51·8	64·1	−0·7	57·3
	Burdwan	Burdwan ..	30·012	30·064	+·003	Calm	29	79·1	2nd ,,	50 1	1st Jan.	77·5	53·1	65·3	0	58·8
	Bankoora	Bankoora .	29 770	30·039	−·014	W	63	79·8	2nd ,,	49 0	27th Dec.	77·3	52·2	64·8	+0·2	56 6
	Beerbhoom, West Burdwan	Raneegunge*	29 768	30·088	−·003	NWly	?	79·5	2nd ,,	54·0	27th ,,	?	?	?	?	54·8
	Moorshedabad	Berhampore .	30·025	30·044	·017	N & W	36	77·1	31st Dec.	51 2	1st Jan.	76 5	54·5	65·5	+1·2	56·8
	Nuddea	Krishnaghur	30·046	30·045	+·003	WNW	67	78·6	2nd Jan.	46·6	1st ,,	77·5	50 0	63·8	−0·2	56·2
	Jessore, Khoolna	Jessore ..	30·052	30 033	−·007	Calm	31	77·7	2nd ,,	49·4	1st ,,	76·7	51·0	63 9	−0·8	56·3
East Bengal.	Chittagong	Chittagong ..	29·990	30·020	−·007	Calm	33	80·7	28th Dec.	53·6	29, 31 Dec.	79·3	54·7	67·0	+1·1	61 2
	Chittagong Hill Tracts	Demagiri .	Observations not received.													
	Backergunge	Burrisal .	30·065	30·021	+·002	Calm	27	76 8	2nd Jan.	50·1	29th ,,	75·3	51·7	63·5	−1·2	59·6
	Noakhally...	Noakhally ...	30·020	30·021	·004	Calm	44	77 7	30th Dec.	48·0	28th ,,	77·0	49·4	63·2	−1·2	59 4
	Furreedpore	Furreedpore ..	30·050	30·039	+·003	Calm	24	74·0	28th ,,	49·5	28th ,,	73·6	50·3	61·9	−0·8	57·1
	Dacca	Dacca ...	30 051	30·022	−·017	Variable	54	78 6	30th ,,	52·3	28, 30 ,,	77·8	53 4	65·6	−0·5	58·2
	Commillah	Commillah ..	30·050	30·035	+·006	N & Calm	12	79·4	30th ,,	50·1	29th ,,	78·0	51 4	64·7	+0·8	57·6
	Mymensingh	Mymensingh	30·026	30·037	−·002	ENE	50	76·6	28th ,,	49·8	30th ,,	75·2	52·4	63·8	+1·2	57·1
North Bengal.	Bogra	Bogra	30·010	30·028	+·013	N	28	77·3	30th ,,	49·2	31st ,,	75·7	50·7	63·2	−0·1	56·8
	Pubna	Serajgunge ..	30·020	30·025	−·015	W	15	77 0	31st ,,	47·7	31st ,,	76 1	50·0	63·1	+0·6	57·1
	Rajshahye	Rampore Beauleah.	30·013	30·037	+·001	N	74	75·9	27, 29—31 Dec.	48·2	1st Jan.	75·3	51·3	63·3	+1·6	56·8
	Maldah	Maldah* ..	30·051	30 091	—	NW	86	79 8	28th ,,	46 5	2nd ,,	77·4	52·1	64·8	—	59·0
	Dinagepore	Dinagepore ..	29·938	30·016	−·014	Variable	44	78·1	30th ,,	45·0	2nd ,,	76·5	46·7	61·6	0	54 6
	Rungpore	Rungpore ..	29 973	30·050	−·018	E	30	78·7	1st Jan.	45·8	31st Dec.	76·2	47·7	62·0	+0·7	52·0
	Julpigoree, Cooch Behar	Julpigoree	29·794	30·050	−·021	Variable	59	76 9	29th Dec.	49·1	29, 30 ,,	74·8	49·9	62 4	+0·1	54·9
	Darjeeling Hill Tracts...	Darjeeling ..	22 996	—	−·018	Variable	88	50 8	29th ,,	33·9	31st Dec. & 2nd Jan.	45·6	35·5	40 6	−0·5	38 8
North Behar.	Purneah, North Bhagulpore	Purneah ...	29·360	30·050.	−·015	Calm	23	76 7	30th ,,	42·8	1st ,,	75·7	44·4	60·1	−1·0	40·6
	Mozufferpore	Mozufferpore	29·919	30·055	—	Variable	65	76·9	29th ,,	46 0	1st ,,	75·3	47·8	61·6	—	52·2
	Durbhunga	Durbhunga ...	29·916	30 073	+·008	Wly	47	77·8	29th ,,	47·7	1st ,,	75·3	50·2	62·8	+0·9	54·4
	Chumparun	Motihari ..	29·851	30 049	−·003	WSW	93	78 2	29th ,,	41 9	2nd ,,	75·3	44·2	59·8	+0·7	51·1
	Sarun	Chupra ..	29 913	30 060	+·023	SW	88	76 8	29th ,,	47·6	27th Dec.	75·1	49·4	62·3	+2·0	53·4
South Behar.	Shahabad	Dehree ...	29·755	30·086	+·009	SW	117	76 3	1, 2 Jan.	48·0	27th ,,	74·6	51·4	63·0	+1·2	55·1
		Buxar	29·875	30 086	+·002	W	68	75·4	30th Dec.	45·9	27th ,,	74·1	48·6	61·4	+0·3	46·1
		Arrah ..	29 910	30·068	+·019	Wly	54	77 0	29th ,,	?	?	74 5	?	?	?	53·2
	Gya	Gya ...	29·728	30 082	+·009	S	128	77·5	2nd Jan.	45 9	27th ,,	74·8	49·7	62·3	−0·6	51·7
	Patna	Bankipore .	29 931	30 078	·011	W	80	75·4	30th Dec.	48 4	27, 31 ,,	73 2	50·4	61 8	+1·0	57·6
	South Bhagulpore, Monghyr	Bhagulpore ...	29 929	30 052	−·013	Calm	4	76 8	30th ,,	48·0	1st Jan.	75·7	49 6	63·7	+2·0	55·2
	Sonthal Pergunnahs ..	Doomka ...	29·577	30·060	−·012	Calm	43	77·0	2nd Jan.	45·1	1st ,,	75·6	50·3	63 0	+1·0	55·1
Chutia Nagpur.	Hazaribagh	Hazaribagh ..	8·023	30 078	−·008	NWly	155	74 4	2nd ,,	4 ·2	27th Dec.	71·6	48·4	60·0	−0·3	54·1
	Lohardugga, Manbhoom	Ranchee ..	27·900	30·063	+·005	Calm	126	73 7	2nd ,,	44·7	27th ,,	71·1	48·3	59·7	+0·7	57·1
	Singbhoom	Chyebassa ..	29 331	30 077	+·038	WSW	27	80·6	2nd ,,	44·0	27th ,,	77·2	48·2	62·8	−1·5	60·1

* Mean of 5 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last

The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the sub-divisional station for the period in question during the past stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 2nd of January 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	Of week. Mean for district.	Of week. Normal mean.	District observations. Rainfall. Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 16th October 1891. Mean for district.	Since 16th October 1891. Normal mean.	Since 16th October 1891. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
67	0	Nil	Nil	0·01	Nil	0·01	−0·01	8·33	6·33	+2·00	0·00	0·05	Pooree ...	Pooree	Orissa.
69	0	Nil											Gopalpore ...		
76	0	Nil											False Point ...		
69	0	Nil	Nil	0·02	Nil	Nil	Nil	7·69	4·03	+3·66	0·00	0·02	Cuttack ...	Cuttack	
80	0	Nil	Nil	0·08	Nil	0·03	−0·03	3·97	2·74	+1·23	0·00	0·11	Balasore ..	Balasore	
92	0·3	Nil	Nil	0·06	Nil	0·02	−0·02	2·54	4·20	−1·66	0·00	0·12	Saugor Island ...	South-West Midnapore, South 24 Pergunnahs	South-West Bengal.
68	0·7	Nil	Nil	0·14	Nil	0·01	−0·01	0·28	1·96	−1·68	0·00	0·08	Midnapore ..	Midnapore	
84	0·4	Nil	Nil	0·11	Nil	0·04	−0·04	0·46	1·86	−1·40	0·00	0·10	Calcutta ...	24-Pergunnahs ..., Howrah ... ..., Hooghly	
62	0·3	Nil	Nil	0·07	Nil	0·01	−0·01	0·54	1·67	−1·13	0·00	0·10	Burdwan ..	Burdwan	
72	0·7	Nil	Nil	0·01	Nil	Nil	Nil	0·56	1·66	−1·10	0·00	0·05	Bankoora ...	Bankoora	
72	0·2	Nil	Nil	0·07	Nil	0·06	−0·06	1·35	1·12	+0·23	0·00	0·15	Raneegunge ...	Beerbhoom ..., West Burdwan ...	
88	1·6	Nil	Nil	0·07	Nil	0·06	−0·06	1·34	1·02	+0·32	0·00	0·09	Berhampore ..	Moorshedabad ...	
80	1·3	Nil	Nil	0·11	Nil	0·05	−0·05	0·74	1·71	−0·97	0·00	0·12	Krishnagur ..	Nuddea	
87	0·4	Nil	Nil	0·12	Nil	0·06	−0·06	1·86	2·21	−0·36	0·00	0·18	Jessore ...	Jessore ... ..., Khoolna	
86	0·4	Nil	Nil	0·05	Nil	0·01	−0·01	3·00	4·97	−1·97	0·00	0·18	Chittagong ..	Chittagong	East Bengal.
			Nil	0·16	Nil	0·04	−0·04	3·33	4·41	−1·08	0·00	0·35	Demagiri .	Chittagong Hill Tracts	
89	0·3	Nil	Nil	0·19	Nil	0·12	−0·12	1·34	3·61	−2·27	0·00	0·27	Barrisal .	Backergunge	
89	0·0	Nil	Nil	0·24	Nil	0·04	−0·04	2·43	4·99	−2·56	0·00	0·28	Noakhally ...	Noakhally	
94	0·3	Nil	Nil	0·09	Nil	0·05	−0·05	1·94	1·73	+0·21	0·00	0·16	Furreedpore .	Furreedpore	
90	0·1	Nil	Nil	0·09	Nil	0·05	−0·05	2·47	2·35	+0·12	0·00	0·17	Dacca .	Dacca	
88	0·9	Nil	Nil	0·15	Nil	0·09	0·0[illegible]	5·67	2·51	+3·16	0·00	0·24	Commillah .	Commillah	
90	1·3	Nil	Nil	0·05	Nil	0·05	−0·05	1·91	1·96	−0·05	0·00	0·11	Mymensingh	Mymensingh	
64	0	Nil	Nil	0·07	Nil	0·02	−0·02	2·34	1·32	+1·02	0·00	0·11	Bogra ..	Bogra	North Bengal.
93	0·9	Nil	Nil	0·06	Nil	0·03	−0·03	1·05	1·76	−0·71	0·00	0·10	Serajgunge ...	Pubna	
84	0·9	Nil	Nil	0·09	Nil	0·08	−0·08	1·22	1·13	+0·09	0·00	0·07	Rampore Beauleah	Rajshahye	
82	0·0	Nil	Nil	0·07	Nil	0·06	−0·06	0·14	1·27	−1·13	0·00	0·07	Maldah	Maldah	
69	0·9	Nil	Nil	0·01	Nil	0·01	−0·01	0·19	0·75	−0·56	0·00	0·05	Dinagepore ..	Dinagepore	
90	0·1	Nil	Nil	0·03	Nil	0·02	−0·02	0·17	1·16	−0·99	0·00	0·07	Rungpore .	Rungpore	
93	0	Nil	Nil	0·01	Nil	0·01	−0·01	Nil	1·34	−1·34	0·00	0·03	Julpigoree ...	Julpigoree ... ..., Cooch Behar ...	
82	3·9	Nil	Nil	0·05	Nil	0·04	−0·04	0·71	2·31	−1·60	0·00	0·11	Darjeeling ..	Darjeeling Hill Tracts	
91	0·9	Nil	Nil	0·04	Nil	0·02	−0·02	Nil	1·14	−1·14	0·00	0·13	Purneah .	Purneah .. .., North Bhagulpore ..	North Behar.
92	0·7	Nil	Nil	0·10	Nil	0·06	−0·06	0·06	1·05	−0·99	0·00	0·22	Mozufferpore ...	Mozufferpore	
85	0·6	Nil	Nil	0·10	Nil	0·03	−0·03	Nil	0·90	−0·90	0·00	0·16	Durbhunga ..	Durbhunga	
92	0·0	Nil	Nil	0·04	Nil	Nil	Nil	Nil	0·54	−0·54	0·00	0·12	Motihari	Chumparun	
83	0·3	Nil	Nil	0·03	Nil	0·02	−0·02	0·05	0·93	−0·88	0·00	0·12	Chupra ...	Sarun	
75	0·1	Nil											Dehree ...		
63	0·4	Nil	Nil	0·04	Nil	0·01	−0·01	0·04	1·47	−1·43	0·00	0·11	Buxar ...	Shahabad	South Behar.
86	0·6	Nil											Arrah ...		
70	0·9	Nil	Nil	0·05	Nil	0·02	−0·02	0·20	1·05	−0·85	0·00	0·10	Gya ...	Gya	
71	0·7	Nil	Nil	0·05	Nil	0·01	−0·01	0·13	1·30	−1·17	0·00	0·10	Bankipore ..	Patna	
80	0·7	Nil	Nil	0·04	Nil	0·02	−0·02	0·07	1·27	−1·20	0·00	0·13	Bhagulpore ...	South Bhagulpore ..., Monghyr	
75	0	Nil	Nil	0·07	Nil	0·03	−0·03	0·49	1·24	−0·75	0·00	0·08	Doomka ...	Sonthal Pergunnahs	
[illegible]7	0·4	Nil	Nil	0·11	Nil	0·07	−0·07	0·15	1·26	−1·11	0·00	0·18	Hazaribagh .	Hazaribagh	Chutia Nagpur.
[illegible]9	1·6	Nil	Nil	0·10	Nil	0·10	−0·10	0·18	1·70	−1·52	0·00	0·26	Ranchi ...	Lohardugga	
			Nil	0·06	Nil	0·03	−0·03	0·16	1·26	−[illegible]	0·00	0·16		Manbhoom	
[illegible]6	0·7		Nil	0·04	Nil	0·01	−0·01	0·54	1·80	−1·26	0·00	0·05	Chyebassa ...	Singbhoom	

years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater.
...ting cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean
years. The means of the district are the numerical average of the rainfall [illegible] received in the district, *i.e.*, from total rainfall at the subdivision[illegible]

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 2nd of January 1892.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 27th Dec.	Monday, 28th Dec.	Tuesday, 29th Dec.	Wednesday, 30th Dec.	Thursday, 31st Dec.	Friday, 1st Jan.	Saturday, 2nd Jan.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
ORISSA	Pooree	Pooree	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	15·91	7·25
		Khurdah	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	Nil	3·74	4·60
		Banpur	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·01	1·77	6·30
		False Point	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·01	12·25	7·17
		Gor	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Satpara	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·10	?
		Pipli	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	6·98	?
	Cuttack	Jagatsingpore	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	12·47	4·13
		Banki	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	1·17	3·00
		Cuttack	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	4·87	4·04
		Kendrapara	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	16·72	4·16
		Jajpore	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	Nil	3·24	3·44
		Dharmsala	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	5·36	?
		Salipore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	8·20	?
	Balasore	*Akhoyapada*	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·74	?
		Chandbali	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·03	11·05	4·01
		Bhuddruck	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·03	5·85	2·89
		Sorah	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	3·93	2·67
		Balasore	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·05	2·47	3·55
		Jellasore	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·02	0·82	1·44
		Haripodah	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·02	0·35	1·98
SOUTH-WEST BENGAL.	Midnapore	Contai	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·02	2·49	4·90
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	Nil	4·44	5·06
		Tumlook	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	Nil	0·35	2·52
		Midnapore	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·02	0·18	2·34
		Ghattal	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	Nil	0·33	1·03
		Kukrahaty	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·31	?
		Garbetta	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·19	?
	24-Pergunnahs	Diamond Harbour	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·04	0·70	2·59
		Canning Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·34	?
		Alipore Jail	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·07	0·43	2·43
		Barrackpore	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	Nil	0·28	1·73
		Dum-Dum	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·06	0·40	1·99
		Barasat	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·09	0·30	1·70
		Busserhat	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·07	1·28	1·88
	Howrah	Howrah	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·06	0·29	2·16
		Mohesrekha	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	Nil	0·41	1·45
		Ooloberiah	......	......	......	......	......	......	......	Nil	Nil	?	Nil	·	0·30	?
	Hooghly	Serampore	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·01	0·49	1·65
		Hooghly	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	Nil	0·33	1·85
		Johanabad	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·01	0·30	1·54
	Burdwan	Culna	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·01	0·34	1·65
		Burdwan	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·02	0·28	1·71
		Cutwa	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	Nil	0·98	1·66
		Raneegunge	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·05	0·56	1·20
		Mankur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·85	?
	Bankoora	Bankoora	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·01	0·69	1·66
		Bishenpore	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	0·37	1·81
		Maluara	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	0·65	1·27
		Khatra	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	0·50	2·06
		Indas	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·48	?
		Kotalpore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·30	?
		Anda	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
		Gangajalghati	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·29	?
		Raipore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·82	?
		Sonamukhi	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·51	?
	Beerbhoom	Bh. Soory	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·05	1·45	1·42
		Helampore	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·07	1·52	0·73
		Rampore Haut	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·08	1·88	1·09
		Bolpore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·10	?
		Murari	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·56	?
	Nuddea	Ranaghat	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·01	0·60	1·76
		Kishnaghur	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·06	1·50	1·28
		Chooadanga	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·05	0·47	2·10
		Meherpore	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·08	0·80	1·61
		Kooshtea	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·07	1·00	1·76
	Khoolna	Satkhira	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·06	3·13	2·33
		Bagirhat	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·18	2·78	2·30
		Khoolna	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·10	3·89	2·53
		Nakipur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·82	?
		Rampal	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·80	?
	Jessore	Narail	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·06	2·13	2·51
		Jessore	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·05	1·43	2·3[illegible]
		Jhenidah	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·02	0·34	1·9[illegible]
		Magoorah	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·02	0·52	1·6[illegible]
		Bongong	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·02	0·56	2·0[illegible]
	Moorshedabad	Kandi	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·03	1·20	1·2[illegible]
		Berhampore	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·09	1·06	1·1[illegible]
		Lalbagh	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	0·86	1·0[illegible]
		Azimgunge	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·09	1·86	1·0[illegible]
		Jungipore	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·06	1·48	0·8[illegible]
		Lalgola	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·11	1·60	0·8[illegible]
		Akriganj	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·63	?
		Patkabari	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·10	?
EAST BENGAL	Chittagong	Cox's Bazar	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	Nil	4·01	6·[illegible]
		Chittagong	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·01	1·98	3·[illegible]
		Kutubdia	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·81	?
		Satkanya	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·73	?
	Chittagong Hill Tracts.	Rangamati	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·04	3·33	4·[illegible]
		Bundarbun	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·04	?
	Backergunge	Patuakhally	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·18	0·98	4·[illegible]
		Perozepore	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·11	1·69	3·[illegible]
		Burrisal	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·11	2·31	3·[illegible]
		Bhola	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·10	0·53	3·[illegible]

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 2nd of January 1892—contd.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 27th Dec.	Monday, 28th Dec.	Tuesday, 29th Dec.	Wednesday, 30th Dec.	Thursday, 31st Dec.	Friday, 1st Jan.	Saturday, 2nd Jan.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
EAST BENGAL —concld.		*Gournaddi*	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·01	?
		Bauphal	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·60	?
	Noakhally	Noakhally	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·04	2·77	4·21
		Fenny	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·03	2·09	5·74
		Harishpore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·47	?
		Ramganj	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·39	?
	Furreedpore	Madaripore	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·06	4·24	1·74
		Furreedpore	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·03	1·07	1·65
		Goalundo	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·04	0·53	1·80
	Dacca	Munshigunge	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·06	3·78	2·70
		Dacca	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·03	1·96	1·67
		Narainganj	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	3·34	3·30
		Manickgunge	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·08	0·82	1·65
		Joydebpore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·95	?
	Hill Tipperah	Agartola	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·12	7·40	3·37
	Tipperah	Comilla	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·09	6·42	2·50
		Chandpore	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·11	4·45	1·92
		Brahmanbaria	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·05	4·50	2·25
		Hamchandipore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·42	?
		Nasirnagar	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·55	?
		Daudkandi	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·17	?
		Kasba	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	7·44	?
		Laksham	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·05	?
	Mymensingh	Kishoregunge	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·08	1·67	1·89
		Atia (*Tangail*)	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·07	0·63	1·68
		Mymensingh	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·06	2·57	1·95
		Jamalpore	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·06	3·00	1·73
		Netrokona	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	1·71	2·48
		Susornakhali	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·10	?
		Durgapore	......	......	......	......	......	......	......	Nil	Nil	?		?	Nil	?
		Sherepore Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·08	?
		Dewanganj	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·84	?
NORTH BENGAL.	Pubna	Pubna	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·06	0·99	1·71
		Serajgunge	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	Nil	1·09	1·78
	Bogra	Sherepore	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	Nil	2·64	1·60
		Nowkhilla	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	Nil	2·67	1·48
		Bogra	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·09	3·60	1·52
		Panchbibi	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	Nil	0·45	0·65
	Rajshahye	Beauleah	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·11	0·01	1·20
		Nattore	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·14	1·44	1·10
		Naogaon	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	1·90	0·78
		Lalpore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·07	?
		Manda	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·00	?
	Maldah	Maldah	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·05	0·26	1·56
		Chanchal	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·08	0·02	0·91
		Gajol	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·15	?
		Sibganj	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·93	?
	Dinagepore	Mohadebpore	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	Nil	0·70	0·48
		Charamon	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	0·08	0·48
		Raigunge	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	Nil	0·37
		Dinagepore	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·03	Nil	1·96
		Balurghat	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	0·17	0·54
		Thakoorgaon	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Rungpore	Bhowanigunge (*Gyabandha*)	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·06	0·54	1·37
		Rungpore	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·02	0·09	1·02
		Kurigram	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	Nil	0·06	0·94
		Bagdogra (*Nilphamari*)	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	Nil	0·70
		Ulipore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·48	?
	Julpigoree	Julpigoree	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·03	Nil	2·30
		Alipore Dooar	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Fallacotta	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Debiganj	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bhagatpore (*Nagrakatta*)	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Cooch Behar	Dinhatta	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·02	Nil	1·11
		Cooch Behar	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·01	Nil	1·25
		Mekhligunge	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	Nil	1·06
		Matabhanga	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	Nil	0·93
	Darjeeling Hill.	Buxa	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·07	2·30	3·79
		Silliguri	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	Nil	0·78
		Darjeeling	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·08	0·07	3·81
		Kalimpong	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·01	0·47	0·86
		Kurseong	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
NORTH BEHAR	Purneah	Kissengunge	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·04	Nil	1·18
		Arrareah	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	Nil	Nil	0·96
		Purneah	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·03	Nil	1·08
		Gondwara	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Barsoe	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Matiari	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Kaliaganj	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	North Bhagulpore.	Maddapore	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·04	Nil	0·99
		Soopool	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·01	Nil	0·91
		Protabganj	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Durbhunga	Tajpore	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	Nil	Nil	0·96
		Durbhunga	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·01	Nil	0·91
		Madhubani	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·07	Nil	0·90
		Bahera	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rosera	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Mozufferpore	Sitamarhi	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·06	Nil	0·78
		Mozufferpore	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·10	Nil	1·52
		Hajipore	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·01	0·17	0·87
		Paru	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Manua	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheohar	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pupri	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 2nd of January 1892—concld.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 27th Dec.	Monday, 28th Dec.	Tuesday, 29th Dec.	Wednesday, 30th Dec.	Thursday, 31st Dec.	Friday, 1st Jan.	Saturday, 2nd Jan.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
NORTH BEHAR—*concluded.*	Chumparun ...	Motihari .	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	Nil	Nil	0·52
		Bettiah ..	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	Nil	Nil	0·52
		Bagaha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Burhurwa .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Sarun ...	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	0·07	0·38
		Sewan .	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·03	0·09	1·25
		Chuprah ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·03	Nil	1·17
SOUTH BEHAR	Shahabad	Buxar .	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	Nil	0·18	1·41
		Dehree ..	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	Nil	1·50
		Bhaboosh ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·02	Nil	1·73
		Sasseram ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·02	Nil	1·56
		Arrah ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·01	Nil	1·10
		Mohaniah ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Gya	Aurungabad...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	Nil	Nil	0·80
		Gya ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·01	0·73	1·23
		Nowadah ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·02	0·07	1·04
		Jehanabad ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·04	Nil	1·01
		Arwal ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Daudnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sherghatti ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·26	?
		Rajauli ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		PakriBarawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·03	?
	Patna	Patna ..	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·02	0·21	1·29
		Dinapore	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·01	0·10	1·24
		Behar ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·02	0·06	1·35
		Barrh ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	Nil	0·13	1·30
		Bickram .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hilsa .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
	Monghyr ...	Begooserai ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·01	0·05	1·49
		Monghyr	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·03	Nil	1·87
		Jamui .	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·02	0·10	0·91
		Gogri ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	South Bhagulpore.	Bhagulpore ..	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	Nil	0·01	1·11
		Banka	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·03	0·18	1·46
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bongaon ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Sonthal Pergunnahs.	Rajmehal ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·01	0·14	1·06
		Godda ..	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	Nil	0·08	0·99
		Pakour	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·01	1·85	0·99
		Nya Doomka	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·08	0·38	1·29
		Deoghur	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·03	0·18	1·82
		Jamtara ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·05	0·30	1·31
		Mohagama	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Nanihat .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·76	?
CHUTIA NAGPUR.	Hazaribagh ..	Pachamba ... (*Giridi*)	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·03	Nil	1·22
		Hazaribagh	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·08	0·15	1·39
		Semtaguran	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·04	Nil	1·05
		Mahudi Hills	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·09	Nil	1·11
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·11	0·50	1·40
		Barhi .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·07	.
		Chatra	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·05	?
		Karagdeho	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·17	?
		Ramghur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·15	?
	Lohardugga ...	Lohardugga...	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·24	0·23	2·11
		Ranchi ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·03	0·24	1·53
		Palamow	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·04	0·06	1·50
		Sili	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Balumat	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hosseinabad	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Garwah .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Singbhoom .	Chyebassa ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·01	0·54	1·80
		Chakradharpore.										?		?		?
		Ghatsilla .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·88	?
		Baharagura	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·62	?
	Manbhoom ...	Purulia ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·02	0·65	1·23
		Gobindpore .	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·04	0·25	1·27
		Raghunathpore.	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Burrabhoom	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·70	?
		Jhalda ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·23	?
		Para ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·19	?

Explanation.—..... indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the 5th January* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 2ND OF JANUARY 1892.

THE week has again been one which calls for no detailed comment, as ordinary north-east monsoon or cold weather conditions have prevailed throughout the period. On the 27th the changes of barometric pressure were very small, and pressure remained above the normal by amounts ranging from 0·03" to 0·1". The fall of temperature, however, which had commenced at the close of the previous week continued slowly on the 27th, and temperature was generally below the normal by from 1° to 3° at the western and southern stations, while it was above by almost similar amounts at the eastern and northern stations. Light northerly winds prevailed over the whole province, the air was moderately dry, the sky almost free from cloud, and there was no rain. On the 28th pressure had commenced to fall slowly, though it still remained above the normal, but temperature had risen at the majority of stations by moderate amounts, and almost all stations, except a few in South Bengal and Orissa, registered temperatures in excess of the normal. On the 29th a further fall of the barometer took place, though pressure still remained very slightly in excess of the normal, but on this day temperature had commenced to fall rather briskly at the majority of stations. On the 30th a further moderate fall of pressure had occurred, and pressure became distinctly below the normal, while a slight fall of temperature was also reported at many stations. On the 31st of December a further rather rapid fall of pressure took place, the fall at some of the western stations almost equalling a tenth of an inch, and pressure became below the normal by amounts ranging from about 0·06" to 0·12", while temperature also again fell at many stations. This continuous and rather rapid fall of pressure was apparently connected with the formation of a very feeble barometric depression in North-Western India, which on the 31st appeared to have a centre near Lucknow. This at once affected the weather in Bengal slightly, and on the 1st of January southerly winds set in at some of the southern stations, and winds generally appeared to be influenced by low pressure in the hills; the sky also clouded over considerably, while humidity became very high at some stations, but no rain fell. The depression, however, did not develop, for on the morning of January the 1st a moderate increase of pressure was reported, and on the 2nd again a further moderate increase had taken place, through pressure was still slightly below the normal. The feeble depression, though only of brief existence, and though it had practically disappeared on the 2nd, had, however, caused temperature to increase moderately to rapidly in Bengal, and on the 2nd it was generally about 2° in excess of the normal. On the 2nd however winds had again become generally northerly, the sky had begun to clear rather rapidy, and weather was generally returning to its normal cold weather character, and throughout the whole week rainfall was thus entirely absent from the province.

Pressure.—The mean pressure for the week over the whole province has been very nearly normal, and at about half the stations slight defects have been recorded while at the other half slight excess pressures have been registered. These small variations have, however, been rather irregular, though generally at the south-western and western stations slight excess pressures have been registered, and at the northern and eastern stations slight defects.

Temperature. - The variations of temperature during the week have already been described. For the whole of this period, the mean temperature of the province has been absolutely normal, but in different districts there have been considerable variations, for the mean temperature of Orissa has been 1·9° below the normal, while in North Bengal and Behar there has been an excess temperature of half a degree and upwards.

The variation of temperature is, however, most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in different districts of the province are compared with the normal values for the same period. During the week it will be seen that the maximum or day temperatures have generally been in excess of the normal, while the night or minimum temperatures have been in defect, the defect at such places as Cuttack and Calcutta being considerable: —

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 2nd January 1892.

	Normal mean maximum temperature for the week ending 2nd January.	Actual mean maximum temperature for the week ending 2nd January 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 2nd January.	Actual mean minimum temperature for the week ending 2nd January 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 2nd January.	Actual mean daily temperature for the week ending 2nd January 1892.	Variation of actual mean from the normal.
Cuttack	82 1	80·7	—1·4	58·0	53 3	- 4 7	70·1	67 0	—3·1
Calcutta	75 1	76 3	+1·2	54·4	51 8	—2·6	64·8	64 1	—0 7
Dacca	76 7	77 8	+1 1	55 2	53 4	—1 8	65 9	65 6	—0 3
Burdwan	76·8	77·5	+0 7	53 6	53 1	—0·5	65 2	65 3	+0·1
Patna	72·5	73·2	+0 7	49 0	50 4	+1 4	60·8	61 8	+1·0
Gya	74 9	74·8	—0 1	50·8	49·7	—1·1	62·9	62·3	—0 6
Purneah	74·7	75 7	+1·0	47 5	44 4	- 3·1	61 1	60·1	- 1·0
Hazaribagh	71·4	71 6	+0·2	49·4	48·4	—1 0	60·4	60 0	—0 4
Darjeeling	46·5	45·6	—0·9	35·5	35·5	0	41 0	40 6	—0·4

During the week some decidedly low minimum temperatures have been recorded, the lowest being 42·8° at Purneah, while temperatures of about 45° have been registered at Dinagepore, Ranchee, and Chybassa, and of about 46° at Balasore, Krishnagar, Rungpore, Mozufferpore, Buxar, Gya, and Hazaribagh.

Rainfall—Has been entirely absent throughout the week from the whole province.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 2nd of January 1892 :—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week. Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average mean of week above or below normal mean of week.	Of week. Average.	Normal average.	Variation.	Rainy days. Average number in week.	Normal average number in week.	Variation.	Since 1st of month. Average.	Normal average.	Since 16th Oct. 1891. Average.	Normal average.
Orissa	83·3	46·4	78·9	53 9	66·4	—1·9	Nil	0·04	—0 04	0·00	0 07	—0·07	Nil	0 01	0·44	4·13
South-West Bengal ...	82·3	46 6	76 9	52·4	64 7	—0·3	Nil	0·09	—0·09	0·00	0·11	—0 11	Nil	0·04	1·05	1·87
East Bengal	80·7	48·0	76 7	51 9	64·2	—0·1	Nil	0·12	—0·12	0·00	0·20	—0 20	Nil	0·06	2·41	2·90
North Bengal	79·8	45·0	76 0	49·8	62 9	+0·5	Nil	0 04	—0·04	0·00	0·07	—0·07	Nil	0·03	0·65	1·20
North Behar	73·2	41 9	75 3	47 2	61 3	+0·7	Nil	0·06	—0·06	0·00	0·15	—0·15	Nil	0·03	0·02	0·95
South Behar	77·5	45·9	74·6	50·0	62·4	+0·8	Nil	0·05	—0·05	0·00	0·13	—0·13	Nil	0 02	0·19	1·25
Chutia Nagpur	74·4*	44·7	71·4	48·4	59 9	+0·2	Nil	0·10	—0·10	0·00	0·19	—0·19	Nil	0·07	0·26	1·41

* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL,
The 5th January 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 27th December 1891 to 2nd January 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature. Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Hygrometry. Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	Rainfall past 24 hours.
1891.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
December ...	27th ...	30·204	63·9	76 4	25·0	51·4	67·8	59·7	·407	53·2	59	...
,, ...	28th ...	·174	61·4	76 9	25·0	51·9	68·6	61·2	·441	55·4	63	...
,, ...	29th ...	·120	64·9	75 9	22·0	53·9	68·6	60·7	·427	54·6	60	...
,, ...	30th .	·101	64·6	76·9	21·6	52 3	69·6	61·7	·445	55·8	60	...
,, ...	31st ...	·031	65·2	77·9	25·5	52·4	69·1	61·5	·447	55·8	63	...
1892.												
January ...	1st ...	·039	67·1	79·7	25·3	54·4	69·6	64·6	·544	61·4	75	...
,, ...	2nd ...	·083	65·0	77·4	24 8	52·6	69·6	60·7	·413	53·6	57	...

	Inches.
The mean 10 A.M. pressure of the seven days	30·107
The mean temperature of the seven days	65·0°
The extreme variation of temperature	28·3
The maximum temperature	79·7
	%
The mean 10 A.M. relative humidity of the seven days	62
The total fall of rain from 27th December to 2nd January 1892 ...	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

METEOROLOGICAL OFFICE, INDIA,
The 4th January 1892.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

Results of the Meteorological Observations taken at the Alipore Observatory from 27th December 1891 to 2nd January 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Temperature. Maximum.	Temperature. Range.	Temperature. Minimum.	Hygrometry. Mean wet bulb.	Hygrometry. Vapour tension.	Hygrometry. Dew point.	Hygrometry. Humidity.	Wind. Prevailing direction.	Wind. Miles recorded.	Rain.	Weather
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Dec.	27th	129 7	9·0	30·102	62·5	75·2	24 3	50·9	56 2	0·372	50·8	67	N and N W ...	56	Nil	Clear, △.
„	28th	133·0	9·1	·093	63·2	76·6	25·0	51·6	57·3	·395	52·4	70	N N W and N by W.	56	„	Clear, △.
„	29th	127 3	9·1	·046	63·9	75·8	21·3	54·5	57·7	·398	52·6	69	N by W and N ...	52	„	Clear, △.
„	30th	127·7	9·2	·013	63·1	75·9	24·7	51 2	57·4	·401	52·8	71	N by W and N ...	42	„	Clear, △.
„	31st	128·3	8·9	29 961	63·1	76·7	26 0	50·7	57·0	·387	51·8	69	N N W and W ...	59	„	Clear, △.
1892. Jan.	1st	135·2	9·3	·973	64·4	78·6	26·4	52 2	57·8	·395	52·4	69	S W by W and N N W.	62	„	Chiefly, clear △
„	2nd	128·5	9·0	30·010	63·2	76 7	24·9	51·8	56·5	·371	50·7	67	W N W and N N W	50	„	Chiefly clear, △.

	Inches.
The mean pressure of the seven days	30·028
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	30 031
	Hours.
The total number of hours of bright sunshine	63·6
The maximum possible number of hours of sunshine	75·1
	°
The mean temperature of the seven days	63·3
The average temperature of the corresponding period for 24 years, S.-G.'s Office	66·8
The extreme variation of temperature	27 9
The maximum temperature	78 6
	Miles
The highest velocity of the wind in one hour	8
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	69
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	71
	Inches.
The total fall of rain from 27th December 1891 to 2nd January 1892 ...	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·01
The total fall from 1st January 1891 to 2nd January 1892	46·93
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	65·24

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

△, dew.

	In.
The total fall of rain in the year 1891	46·93
The average fall of the corresponding period for 24 years, S.-G.'s Office	65·24

C. LITTLE,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;

Calcutta, the 4th January 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 12th December 1891.

1	2	3			4			5			6	7							8							9	10		11		12
		POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.				Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
DISTRICTS.	NAMES OF MUNICIPALITIES.	Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan ...	Burdwan	18,063	16,017	34,080	2	7	*9*	3.0	10.7	*13.7*	23	2	..	18	6	...	6	*32*	3.0	..	27.5	9.1	..	9.1	*48.8*	42.7	17	15	48.9	48.7	100
	Raniganj	6,246	4,691	10,937	4	3	*7*	19.0	14.3	*33.3*	133	...	..	6	4	...	2	*12*	...	...	28.5	19.0	...	9.5	*57.1*	52.3	9	3	74.9	33.3	225
Bankura ...	Bankura	8,970	8,925	17,595	3	4	*7*	8.7	11.6	*20.3*	75	2	.	3	...	..	1	*6*	5.8	..	8.7	...		2.9	*17.4*	43.6	2	4	11.6	23.3	50
Birbhum ...	Soori	3,982	3,866	7,848	...	2	*2*	...	13.3	*13.3*	No male birth.	..	..	...	...	...	..	..	...	.	..	...	...	...	..	46.4	..	..	..	...	...
Midnapore ...	Midnapore	16,927	16,633	33,560	13	7	*20*	29.1	10.8	*31.0*	185	1	...	11	7	.	14	*33*	1.5	...	17.0	10.8	...	21.7	*51.1*	40.3	19	14	58.4	43.8	133
Hughli, including Serampore.	Hughli and Chinsurah.	15,858	15,829	31,687	7	12	*19*	11.5	19.7	*31.2*	58	10	..	32	14	...	17	*73*	16.4	..	52.5	23.0	...	27.9	*119.8*	73.8	41	32	134.4	105.1	127
	Serampore ...	13,559	12,937	26,496	15	10	*25*	29.4	19.6	*49.1*	150	3	..	17	15	2	17	*54*	5.9	..	33.4	29.4	3.9	33.4	*106.0*	98.1	25	29	95.9	116.6	82
	Utterpara	3,046	2,464	5,510	2	1	*3*	18.9	9.4	*28.3*	200	2	.	2	...	..	3	*7*	18.9	..	18.9	...	..	28.3	*66.1*	113.2	4	3	68.3	63.3	108
Howrah ..	Howrah	53,153	37,660	90,813	25	18	*43*	14.3	10.3	*24.6*	139	3	..	26	12	...	11	*52*	1.7	...	14.9	6.9	...	6.3	*29.8*	44.1	32	20	31.3	27.6	113
	Bali	7,836	6,979	14,815	2	7	*9*	7.0	24.6	*31.6*	28	...	.	6	1	1	...	*8*	..	..	21.1	3.5	3.5	...	*28.1*	31.6	3	5	19.9	37.3	53
24-Pergunnahs.	Cossipore-Chitpore	16,080	10,214	26,294	5	10	*15*	9.9	19.8	*29.7*	50	13	..	20	5	..	8	*46*	25.7	..	39.6	9.9	...	15.8	*91.0*	79.1	25	21	80.8	106.9	75
	Manicktolla ...	16,536	12,112	28,648	6	7	*13*	10.9	12.7	*23.6*	85	2	..	11	2		1	*16*	3.6	.	20.0	3.6	...	1.8	*29.0*	23.6	12	4	37.7	17.2	219
	Baranagore ...	15,920	14,062	29,982	9	7	*16*	15.6	12.1	*27.7*	125	9	..	20	4	1	5	*39*	15.6	...	34.7	6.9	1.7	8.7	*67.6*	39.9	26	13	84.9	48.1	176
	South Suburban	26,400	25,258	51,658	9	9	*18*	9.0	9.0	*18.1*	100	6	..	11	2	...	5	*24*	6.0		11.1	2.0	...	5.0	*24.2*	28.2	14	10	27.6	20.0	134
Nuddea ...	Krishnagar ...	13,263	14,214	27,477	8	4	*12*	15.1	7.6	*22.7*	200	4	..	23	...	...	1	*27*	7.6	.	41.6	..	...	1.9	*51.1*	49.2	10	17	39.2	62.2	63
	Ranaghat	4,028	4,655	8,683	1	2	*3*	6.0	11.9	*17.9*	50	...	..	3	...	...	2	*5*	..	..	17.9	.	...	11.9	*29.9*	101.8	3	2	38.7	22.3	173
	Santipore	13,708	15,979	29,687	4	4	*8*	7.0	7.0	*14.0*	100	4		18	...	..	...	*22*	7.0	..	31.5	...	...	...	*38.5*	38.5	9	13	34.1	42.3	80
Jessore ...	Jessore	4,830	3,665	8,495	...	...	...	...	..	...	...	4	...	3	...	.	...	*7*	24.5	...	18.3	...	.	...	*42.8*	61.2	4	3	43.1	42.6	101
Murshedabad	Berhampore ...	11,657	11,948	23,605	6	4	*10*	13.2	8.8	*22.0*	150	1	...	13	1	...	10	*25*	2.2	...	25.6	2.2	...	22.0	*55.1*	50.7	6	19	26.5	82.7	32
	City Murshedabad	18,901	20,330	39,231	8	9	*17*	10.6	11.9	*22.5*	89	1	...	25	2	.	9	*37*	1.3	..	33.1	2.6	.	11.9	*49.0*	50.4	22	15	60.5	38.4	157
Khulna ...	Khulna	3,249	3,043	6,293	3	1	*4*	24.8	8.2	*33.0*	300	...	.	6	1	...	...	*7*	...	...	49.6	8.2	.	...	*57.9*	8.2	3	4	48.0	68.4	70
Dinajpore ..	Dinajpore	7,254	5,306	12,560	2	1	*3*	8.3	4.1	*12.4*	200	.	..	3	..	1	5	*9*	...	..	12.4	...	4.1	20.7	*37.3*	41.4	4	5	28.7	49.0	58

Rajshahye ...	Rampore Beauleah	10,766	9,025	19,791	7	5	*19*	18.4	13.1	*31.5*	140	7	...	18	...	...	1	*26*	18.4	...	47.3	...	...	2.6	*68.3*	115.6	13	13	68.3	74.9	84
Rungpore ...	Rungpore	8,011	5,309	13,320	1	3	*4*	3.9	11.7	*15.6*	33	...	...	4	1	...	7	*12*	...	...	15.6	3.9	...	27.3	*46.8*	46.8	7	5	45.4	40.0	92
Bogra ...	Bogra	3,480	2,699	6,179	...	3	*3*	...	25.2	*25.2*	No male birth.	...	...	2	...	1	2	*5*	...	...	16.8	...	8.4	16.8	*42.1*	50.5	3	2	44.8	36.5	116
Pubna ...	Pubna	7,701	7,566	15,267	2	4	*6*	6.8	13.6	*20.4*	50	5	...	12	...	...	3	*20*	17.0	...	40.9	...	...	10.2	*68.1*	47.7	14	6	94.5	41.2	229
	Serajganj	11,213	9,824	21,037	3	8	*11*	7.4	19.8	*27.2*	37	...	...	9	...	...	2	*11*	...	...	22.2	...	...	4.9	*27.2*	14.8	5	6	23.2	31.8	73
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	4	2	*6*	29.6	14.8	*44.5*	200	...	...	6	...	...	...	*6*	...	...	44.5	...	...	...	*44.5*	74.1	4	2	45.4	48.6	106
Julpaiguri ...	Julpaiguri ...	4,972	2,975	7,947	1	5	*6*	6.5	32.7	*39.3*	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	52.3	...	...	...	...	...
Dacca ...	Dacca	42,782	37,379	80,161	30	21	*51*	19.5	13.6	*33.1*	143	5	3	23	4	...	18	*53*	3.2	1.9	14.9	2.6	...	11.7	*34.4*	37.0	26	27	31.6	37.6	84
	Naraingunj ...	7,605	4,956	12,561	6	5	*11*	24.8	20.7	*45.5*	120	6	...	7	...	...	4	*17*	24.8	...	29.0	...	...	16.6	*70.4*	169.7	6	11	41.0	115.4	35
Faridpore ...	Faridpore	5,663	4,600	10,263	1	...	*1*	5.0	...	*5.0*	No female birth.	...	...	7	1	...	2	*10*	...	...	35.5	5.6	...	10.1	*50.7*	76.0	5	5	45.9	56.5	81
Backerganj ...	Barisal	8,701	4,485	13,186	2	1	*3*	7.9	3.9	*11.8*	200	1	...	2	2	...	1	*6*	3.9	...	7.9	7.9	...	3.9	*23.7*	31.5	6	...	35.9	...	No female death.
Mymensing ...	Nasirabad ...											Return not received up to date.														17.5					
Chittagong ...	Chittagong ...	13,340	8,790	22,130	1	3	*4*	2.3	7.0	*9.4*	33		...	1	...	...	...	*1*	..	...	2.3	...	...	...	*2.3*	11.7	...	1	...	5.9	No male death.
Noakhali ...	Sudharam ...	3,410	1,714	5,124	...	...	...	...	...	...	...		..	...	...	...	...	...	...	...	...	...	...	...	...	40.6	...	...	...	...	...
Tipperah ...	Comillah	8,153	5,353	13,506	8	8	*16*	30.8	30.8	*61.6*	100	...	...	3	2	...	4	*9*	...	..	11.6	7.7	...	15.4	*34.7*	15.4	4	5	25.5	48.6	52
Patna ...	Patna City ...	78,762	81,475	160,237	23	20	*43*	7.5	6.5	*14.0*	115	8	...	31	7	3	19	*68*	2.6	...	10.1	2.3	1.0	6.1	*22.1*	18.8	33	35	21.8	22.3	97
	Behar	23,799	25,172	48,971	14	26	*40*	14.9	27.6	*42.5*	54	...	...	18	4	...	4	*26*	...	...	19.1	4.2	...	4.2	*27.6*	39.3	14	12	30.6	24.8	123
Gya ...	Gya	38,290	37,831	76,121	21	23	*44*	14.3	15.7	*30.1*	91	6	...	28	1	...	22	*57*	4.1	...	15.1	.7	...	15.0	*38.9*	38.9	29	28	39.4	38.5	102
Shahabad ...	Arrah	20,960	22,505	43,465	9	6	*15*	10.7	7.2	*17.9*	150	1	...	10	1	...	4	*16*	1.2	...	11.9	1.2	...	4.8	*19.1*	14.4	7	9	17.4	20.8	86
	Buxar	9,299	8,369	17,668	...	3	*3*	...	8.8	*8.8*	No male birth.	..	..	2	2	...	...	*4*	...	..	5.9	5.9	...	...	*11.8*	32.4	2	2	11.2	12.4	90
Mozufferpore...	Mozufferpore ...	23,084	19,658	42,742	10	10	*20*	12.1	12.1	*24.8*	100	..	...	5	2	...	4	*11*	...	...	6.1	2.4	...	4.9	*13.4*	19.5	7	4	15.8	10.6	149
Durbhanga ...	Durbhanga ...	33,774	32,322	66,096	16	18	*34*	12.6	14.1	*26.7*	88	...	...	17	1	...	4	*22*	...	...	13.4	.8	...	3.1	*17.3*	19.7	13	9	20.0	14.5	138
Saran ...	Chupra	25,116	26,554	51,670	22	20	*42*	22.1	20.1	*42.8*	110	...	..	10	5	...	20	*35*	...	...	10.1	5.0	...	20.1	*35.2*	24.2	23	12	47.6	23.5	202
Chumparun ...	Motihari	6,328	3,979	10,307	4	8	*12*	20.2	40.3	*60.5*	50	...	...	2	1	...	4	*7*	...	...	10.1	5.0	...	20.2	*35.3*	50.5	5	2	41.1	26.1	157
Monghyr ...	Monghyr	28,154	29,366	57,520	17	16	*33*	15.4	14.4	*29.8*	106	...	...	6	4	...	12	*22*	...	...	5.4	3.6	...	10.8	*19.9*	31.6	12	10	22.2	17.7	125
	Jamalpore ...	7,456	6,107	13,563	8	4	*12*	30.7	15.3	*46.0*	200	...	...	7	3	...	2	*12*	...	...	26.8	11.5	...	7.6	*46.0*	23.0	4	8	27.9	68.1	41
Bhagulpore ...	Bhagulpore ...	34,916	33,322	68,238	16	13	*29*	12.2	9.9	*22.1*	123	2	.	25	...	1	7	*35*	1.5	...	19.1	...	.8	5.3	*26.7*	29.0	9	26	13.4	40.6	33
Purneah ...	Purneah	8,463	6,553	15,016	3	...	*3*	10.4	...	*10.4*	No female birth.	...	...	3	2	...	1	*6*	...	...	10.4	6.9	...	3.5	*20.8*	20.8	5	1	30.7	7.9	388
Maldah ...	English Bazar ...	6,289	6,141	12,430	4	3	*7*	16.7	12.6	*29.3*	133	5	...	16	1	...	12	*34*	20.9	...	66.9	4.2	...	50.2	*142.2*	150.6	23	11	190.2	93.1	204
Sonthal Pergunnahs.	Deoghur	4,964	3,041	8,005	4	4	*8*	26.0	26.0	*52.0*	100	3	...	4	1	...	2	*10*	19.5	...	26.0	6.5	...	13.0	*65.0*	71.5	6	4	62.9	68.4	92
Cuttack ...	Cuttack	22,632	20,607	43,239	8	12	*20*	9.6	14.4	*24.1*	66	...	2	8	...	...	12	*22*	...	2.4	9.6	...	...	14.4	*26.5*	37.3	13	9	29.9	22.7	131
Poori ...	Poori	13,247	11,537	24,784	6	9	*15*	12.6	18.9	*31.5*	66	9	1	6	4	1	4	*25*	18.9	2.1	12.6	8.4	2.1	8.4	*52.5*	48.3	16	9	62.8	40.6	164
Balasore ...	Balasore	10,282	9,983	20,265	2	5	*7*	5.1	12.8	*18.0*	40	5	...	4	5	...	3	*17*	12.8	...	10.3	12.8	...	7.7	*43.6*	59.0	10	7	50.6	36.5	138
Hazaribagh ...	Hazaribagh ...	7,639	7,667	15,306	3	2	*5*	10.2	6.8	*17.0*	150	...	...	3	...	1	...	*4*	...	...	10.2	...	3.4	...	*13.6*	13.6	2	2	13.6	13.6	100
Lohardugga ...	Ranchi	10,101	8,342	18,443	2	4	*6*	5.6	11.3	*16.9*	50	...	...	1	2	...	1	*4*	...	...	2.8	5.6	...	2.8	*11.3*	28.2	1	3	5.1	18.7	27
Singbhum ...	Chaibassa	3,126	2,880	6,006	1	4	*5*	8.7	34.6	*43.3*	25	...	...	2	4	...	1	*7*	...	...	17.3	34.6	...	8.7	*60.6*	26.0	2	5	33.3	90.3	37
Manbhum ...	Purulia	5,060	4,244	9,304	4	3	*7*	22.3	16.8	*39.1*	133	...	...	3	...	...	...	*3*	...	...	16.8	...	...	...	*16.8*	39.1	2	1	20.6	13.3	167
	Total ...	861,583	781,556	1,643,139	397	410	*807*	13.6	12.9	*25.5*	97	130	6	581	136	12	299	*1,164*	4.1	.2	18.4	4.3	.4	9.4	*36.8*	39.3	621	543	37.5	36.1	104

DISTRICTS.	NAMES OF MUNICIPALITIES.	13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
		Deaths among—					Ratio per 1,000 of population per annum.					Deaths.										Ratio per 1,000 of population per annum.									
		Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	19	13	...	...	...	41·7	65·9	...	...	7	3	1	1	2	5	4	2	1	6	551·5	69·1	22·3	20·7	33·3	32·8	30·3	23·5	21·2	210·5
	Raniganj	...	12	...	...	...	...	69·9	...	...	...	1	2	...	...	1	2	1	1	4	...	221·3	105·7	...	...	63·6	42·9	24·2	41·6	344·4	...
Bankura ...	Bankura	...	6	...	...	...	...	19·0	...	...	...	2	...	...	...	...	...	1	...	...	3	219·9	...	...	...	...	...	19·7	...	...	157·1
Birbhum ...	Soori	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Midnapore ...	Midnapore ...	...	30	3	...	...	...	60·2	21·6	...	...	7	3	1	...	2	2	5	3	4	6	489·9	66·3	13·9	...	32·9	14·2	46·9	41·9	100·8	170·5
Hughli, including Serampore.	Hughli and Chinsurah.	...	57	16	...	...	...	117·3	135·0	...	...	9	8	4	...	9	8	7	7	11	10	582·8	187·4	72·1	...	186·5	67·0	63·8	87·2	220·0	250·8
	Serampore ...	...	49	5	...	...	...	101·0	277·2	...	...	7	6	1	4	...	8	6	8	4	10	512·7	172·9	20·7	93·7	...	77·2	62·8	123·3	108·6	373·8
	Utterpara	...	7	...	...	...	...	68·3	...	...	...	1	...	1	...	...	1	1	2	1	...	323·0	...	111·6	...	...	45·2	49·0	148·4	141·3	...
Howrah ...	Howrah	1	44	7	...	...	27·5	33·6	17·7	...	...	10	2	2	3	3	4	6	4	8	10	252·1	18·8	16·5	23·7	21·3	9·2	16·2	17·7	75·8	138·6
	Bali	...	8	...	...	...	...	31·0	...	...	...	...	3	...	...	...	1	...	1	...	3	...	156·2	...	...	...	15·5	...	24·9	...	213·1
24-Pergunnahs.	Cossipore-Chitpore	...	36	10	...	...	...	102·5	66·0	...	...	6	4	5	2	1	8	7	6	2	5	652·7	235·8	331·6	41·2	57·2	43·7	56·8	124·7	106·9	555·6
	Manicktola ...	...	9	7	...	...	...	28·0	31·7	...	...	2	...	1	2	...	4	...	3	1	3	1,677·6	...	321·0	89·1	...	25·6	...	34·6	32·0	164·7
	Baranagore ...	...	34	5	...	...	...	68·7	62·7	...	...	6	6	5	2	2	3	5	3	1	6	460·9	152·0	104·3	44·4	45·4	24·4	44·5	37·8	25·1	186·3
	South Suburban ...	1	13	10	...	...	129·4	21·4	26·7	...	...	3	2	1	2	3	1	4	2	3	3	117·6	21·9	10·2	21·8	35·3	5·1	24·1	17·6	47·1	46·0
Nuddea ...	Krishnagar ...	1	14	12	...	...	91·7	39·1	75·4	...	...	5	6	2	3	1	1	2	2	...	5	524·2	126·5	30·3	55·5	25·3	10·8	24·3	31·9	...	150·5
	Ranaghat	...	5	...	...	...	...	35·5	...	...	...	1	2	...	...	...	1	...	...	...	1	251·2	130·8	...	...	...	34·5	...	...	...	91·4
	Santipore ...	...	17	5	...	...	...	42·7	29·1	...	...	...	2	4	1	...	2	1	2	1	9	...	35·9	55·0	17·9	...	21·2	12·0	29·6	22·6	238·3
Jessore ...	Jessore	...	1	6	...	...	...	11·5	51·6	...	...	...	1	1	2	...	1	...	1	...	1	...	105·3	65·6	156·4	...	25·8	...	49·5	...	113·5
Murshedabad.	Berhampore ...	...	19	6	...	...	...	54·4	60·1	...	...	2	2	1	...	1	2	...	4	8	5	275·9	65·2	24·6	...	29·5	23·3	...	60·4	221·4	162·7
	City Murshedabad	...	21	14	...	2	...	48·1	46·0	...	160·7	2	6	5	2	5	2	1	1	5	8	136·3	126·7	75·5	36·2	100·4	14·2	7·2	8·9	73·2	134·4
Khulna ...	Khulna	1	2	4	...	...	1,000·0	32·6	68·2	...	...	1	1	1	1	...	...	...	1	2	...	409·4	65·2	65·4	71·9	...	...	...	79·8	230·1	...
Dinajpore ...	Dinajpore ...	...	6	3	...	...	...	51·5	24·3	...	...	1	...	...	1	1	4	2	...	...	...	252·4	...	...	52·0	51·2	77·2	42·0	...	...	...
Rajshahye ...	Rampore Beauleah	...	12	14	...	...	...	63·0	74·2	...	...	3	7	2	1	2	1	7	...	...	3	384·2	256·7	50·0	23·9	62·6	12·5	101·0	...	...	162·0
Rungpore ...	Rungpore ...	...	8	4	...	...	...	64·2	31·3	...	...	1	1	2	...	1	2	3	1	1	...	323·2	58·1	82·7	...	48·4	32·9	56·7	32·9	70·8	...
Bogra ...	Bogra ...	...	2	3	...	...	...	39·0	45·0	...	...	1	...	2	...	...	...	1	...	...	1	379·6	...	146·6	...	...	...	48·6	...	...	165·6

Pubna ...	Pubna ...	...	4	16	...	...	...	29·2	102·6	...	...	2	8	...	1	1	2	1	2	1	2	262·0	285·3	...	37·7	42·3	35·8	20·8	61·0	51·4	104·5
	Serajganj ...	...	9	2	...	...	...	54·6	8·5	...	...	..	2	...	1	1	1	1	1	2	2	...	43·5	..	27·0	31·7	14·1	16·4	23·2	83·3	89·3
Darjeeling ...	Darjeeling ...	...	6	...	...	...	...	67·9	...	...	...	...	1	1	1	1	...	1	...	...	1	...	80·9	88·9	106·6	81·3	...	36·3	...	...	307·7
Julpaiguri ...	Julpaiguri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	Dacca ...	...	29	24	...	...	...	37·4	31·7	...	...	10	3	4	...	1	6	7	7	5	10	274·0	21·2	21·0	...	7·1	20·4	31·2	43·4	54·9	93·3
	Naraingan] ...	...	4	13	...	...	...	32·9	109·7	...	...	4	4	2	1	...	2	3	...	..	1	745·5	182·5	78·7	45·8	...	39·0	72·9	...	...	79·8
Faridpore ...	Faridpore ...	...	2	8	...	..	...	19·4	85·7	...	...	3	1	2	...	...	1	2	...	...	1	666·7	41·7	103·8	...	...	28·0	71·2	...	...	70·2
Backerganj ...	Barisal ...	...	5	1	...	...	...	43·0	7·6	...	...	...	1	...	...	1	1	1	...	...	2	...	61·1	...	...	41·1	16·4	20·8	...	...	183·4
Mymensing ...	Nasirabad ...	Return not received up to date.																													
Chittagong ...	Chittagong ...	...	...	1	...	...	..	...	3·4	...	...	...	...	1	...	...	...	...	...	...	...	...	...	20·8	...	...	...	...	...	...	...
Noakhali ...	Sudharam ...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tipperah ...	Comillah ...	...	3	6	...	...	...	26·2	42·2	...	...	2	1	...	...	2	2	1	1	...	...	350·2	39·8	...	...	[illegible]·7	87·7	26·1	39·6	...	...
Patna ...	Patna City ...	..	52	16	...	..	...	22·7	20·3	...	...	6	8	5	1	3	8	11	4	4	18	72·4	28·5	15·4	3·6	14·0	14·4	24·6	11·0	14·7	67·8
	Behar ...	...	23	3	...	...	...	35·5	10·2	...	...	7	5	2	1	1	3	..	2	3	2	245·1	44·9	17·2	10·8	17·4	15·4	...	20·2	43·1	28·9
Gya ...	Gya ...	...	48	9	...	...	...	41·6	29·1	...	...	6	7	2	3	1	7	5	6	4	16	174·3	57·3	14·9	23·2	9·9	24·7	20·4	31·9	31·6	161·6
Shahabad ...	Arrah ...	...	14	2	...	...	...	23·5	8·4	...	...	4	4	1	...	1	1	1	...	2	2	161·5	46·9	10·1	...	16·5	6·6	8·1	...	83·6	36·1
	Buxar ...	...	4	...	...	...	...	15·0	...	...	...	2	1	...	...	...	...	...	1	...	...	250·6	3·2	...	...	...	...	...	24·5	...	...
Mozufferpore ...	Mozufferpore ...	...	6	5	...	...	...	10·4	20·8	...	...	3	2	1	1	...	..	...	1	1	2	163·4	25·7	11·6	13·1	...	...	...	10·4	16·0	42·7
Durbhanga ...	Durbhanga ...	...	16	6	...	...	...	17·2	17·8	...	...	4	7	2	1	1	...	2	1	1	3	1[illegible]3·6	47·8	13·3	9·4	12·9	...	9·8	7·0	11·9	48·8
Sarun ...	Chupra ...	...	28	7	...	...	...	36·7	30·6	...	...	13	5	1	1	2	2	3	4	...	4	479·1	50·4	8·7	10·4	30·0	11·3	20·0	34·2	...	61·1
Chumparun ...	Motihari ...	...	7	...	...	...	...	45·4	...	...	...	3	1	1	...	..	...	...	...	1	1	1,138·7	53·0	47·1	...	...	...	...	...	55·7	85·7
Monghyr ...	Mongbyr ...	...	22	...	...	..	...	25·6	...	...	...	4	4	...	1	3	2	1	1	...	6	140·1	33·4	...	9·1	41·3	10·1	5·8	8·2	...	87·0
	Jamalpore ...	...	8	4	...	...	...	42·4	67·0	...	...	...	...	5	1	1	1	1	1	...	2	...	...	150·4	44·2	64·5	18·5	21·6	37·0	...	155·9
Bhagulpore ...	Bhagulpore ...	1	19	15	..	..	134·7	20·2	41·3	...	...	4	6	6	3	3	4	1	1	1	6	144·9	48·1	44·2	21·5	31·5	15·9	4·7	6·8	10·3	72·5
Purneah ...	Purneah ...	...	4	2	...	...	.	22·7	18·4	...	...	...	...	..	...	...	...	3	1	1	1	...	...	...	...	...	...	54·7	28·0	55·5	64·4
Maldah ...	English Bazar ...	...	19	15	..	...	...	135·9	151·6	...	...	5	4	2	1	1	7	2	3	5	4	881·4	218·5	69·3	42·1	48·9	158·5	48·4	106·0	347·6	293·9
Sonthal Pergunnahs.	Deoghur ...	...	10	...	...	...	...	67·6	...	..	...	2	2	...	...	2	1	2	...	1	...	800·0	181·9	...	...	160·5	27·6	64·8	...	104·2	...
Cuttack ...	Cuttack ...	1	19	2	...	...	28·1	29·4	13·5	...	...	4	5	2	...	...	...	3	1	1	6	202·7	69·6	20·9	...	...	...	25·5	11·5	16·9	105·8
Poori ...	Poori ...	...	25	...	...	...	...	53·0	...	...	...	2	...	5	...	1	2	1	6	3	5	343·2	...	116·0	...	28·0	19·7	12·8	93·9	69·9	144·0
Balasore ...	Balasore ...	...	16	1	...	...	...	40·4	16·9	...	...	...	...	...	2	1	2	4	3	1	4	...	...	...	54·0	30·4	25·5	71·2	70·2	40·6	179·6
Hazaribagh ...	Hazaribagh ...	...	2	2	...	...	...	9·5	25·2	...	...	2	1	...	...	1	...	...	...	...	...	213·6	28·6	...	...	46·6	...	...	...	...	...
Lohardugga ..	Ranchi ...	...	2	1	...	1	...	11·3	9·6	...	22·0	1	...	1	1	...	...	...	...	...	1	110·6	...	23·5	25·7	...	...	...	...	...	84·1
Singbhum ..	Chaibassa ...	...	6	1	...	...	...	60·9	66·8	...	...	5	1	...	...	...	...	...	...	...	1	1,004·9	93·7	...	...	...	...	...	...	...	285·7
Manbhum	Purulia ...	...	2	1	...	...	...	13·3	41·7	...	..	1	1	...	...	...	..	1	...	...	...	293·8	58·4	...	...	...	...	30·7	...	...	...
	TOTAL ...	6	845	310	..	3	22·6	58·3	33·9	...	33·1	177	132	88	48	63	118	122	101	94	201	241·2	55·7	27·1	16·8	26·3	18·5	22·9	27·2	42·3	106·2

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 4th January 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.,*

Sanitary Commissioner for Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 26th December 1891, as compared with the corresponding week of the previous year.

Nature of Cargo.	Week ending Saturday, the 26th December 1891.			Week ending Saturday, the 27th December 1890.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	1,768	2,06,335	3,203	1,598	1,24,875	1,890
Jute	143	82,800	1,556	264	1,34,325	2,629
Firewood	104	69,550	1,063	123	77,025	1,137
Other articles	893	2,16,650	3.532	1,194	2,54,960	4.036
Total ...	2,908	5,75,335	9,353	3,179	5,91,185	9,692

BENGAL CENTRAL RAILWAY.

Abstract of principal commodities carried over the Bengal Central Railway during the month of October 1891, as compared with the same month of the previous year.

Staples.	1891.		1890.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1891.	1890.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal	844	......	759	......	1,396*	1,113*	283	......
Cotton, twist and yarn—								
1.—European								
2.—Indian								
Cotton piece-goods—								
1.—European—								
a.—In bales and bundles	274	......	389	......	274	389	......	115
b.—In boxes								
2.—Indian—								
a.—In bales and bundles								
b.—In boxes								
Grains—								
2.—Rice	59	178	217	49	237	266	......	29
5.—Others	117	16	115	3	133	118	15	......
Hides and skins—								
1.—Hides of cattle—								
a. Dressed								
b.—Undressed								
2.—Skins of sheep, &c.—	......	22	......	30	22	30	......	8
a.—Dressed								
b.—Undressed								
Jute—								
1.—Raw—								
b.—Unscrewed	8	3,818	......	4,216	3,826	4,216	......	390
2.—Gunny-bags and cloth	2	......	—2	......	2	—2	4	......
Metals—								
1.—Copper, unwrought								
2.—Brass, unwrought								
3.—Brass and copper, wrought	34	1	50	27	35	77	......	42
4.—Iron								
5.—Tin								
6.—Others								
Oils—								
2.—Kerosine	101	......	227	......	101	227	......	126
3.—Others	58	......	86	......	58	86	......	28
Oil-seeds—								
1.—Linseed								
2.—Rape and mustard								
3.—Til or gingelly								
4.—Niger	29	69	98	130	98	228	......	130
5.—Castor								
6.—Poppy								
7.—Others								
Provisions—								
2.—Betel-nuts	......	1,169	......	1.093	1,169	1,093	76	......
3.—Others	16	14	18	12	30	30	......	......
Railway plant and rolling-stock	......	......	......	......	79†	......	79	......
Salt	207	7	306	......	214	306	......	92
Sugar—								
1.—Drained	32	253	82	287	285	369	......	84
2.—Undrained								
Tobacco	20	20	50	29	40	79	......	39
All other articles of merchandise—								
1.—Unmanufactured	281	420	575	302	701	877	......	176
2.—Manufactured								
Total ...	2,082	5,087	2,964	6,184	8,700	9,502	457	1,259

* Includes 852 tons and 54 tons during 1891 and 1890, respectively, carried for Revenue, for which no "Up" and "Down" register maintain ed
† 79 tons for the present year for which no "Up" and "Down" register maintained.

Statement of principal commodities carried over the Bengal Central Railway during the month of October 1891.

Increases and Decreases.

The increases and decreases are due to ordinary fluctuations of traffic, and call for no special remarks.

J. Marshall,
Examiner of Accounts.

Calcutta, *the 21st December 1891.*

EASTERN BENGAL STATE RAILWAY.

Abstract of principal commodities carried over the Eastern Bengal State Railway during the month of October 1891, as compared with the same month of the previous year.

Staples.	1891. Up.	1891. Down.	1890. Up.	1890. Down.	Total. 1891.	Total. 1890.	Increase.	Decrease.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal ...	3,134	1,593	2,182	2,094	11,890*	11,977*	......	87
Cotton, raw ...	74	250	18	127	324	145	179	......
Cotton twist and yarn—								
1.—European ...								
2.—Indian ...								
Cotton piece-goods—								
1.—European—								
a.—In bales and bundles ...	2,603	120	4,161	197	2,783	4,358	......	1,575
b.—In boxes ...								
2.—Indian—								
a.—In bales and bundles ...								
b.—In boxes ...								
Grains—								
2.—Rice ...	2,652	1,947	2,868	3,025	4,599	5,893	.....	1,294
5.—Others ...	1,520	1,954	1,398	4,429	3,474	5,827	.. ...	2,353
Hides and skins—								
1.—Hides of cattle—								
a.—Dressed ...								
b.—Undressed ...								
2.—Skins of sheep, &c.—	7	503	8	918	510	926	......	416
a.—Dressed ...								
b.—Undressed ...								
Jute—								
1.—Raw—								
a.—Screwed ...	......	10,180	14	9,562	10,180	9,576	604	.. ..
b.—Unscrewed ...	2	35,783	129	50,881	35,785	51,010	...	15,225
2.—Gunny bags and cloth ...	140	1,613	151	1,450	1,762	1,601	161	......
Metals—								
1.—Copper, unwrought ...								
2.—Brass, unwrought ...								
3.—Brass and copper, wrought ...	769	75	1,036	61	844	1,097	... ..	253
4.—Iron ...								
5.—Tin ...								
6.—Others ...								
Oils—								
2.—Kerosine ...	1,322	13	2,060	3	1,335	2,063	......	728
3.—Others ...	182	50	204	96	232	300	... ..	68
Oil-seeds—								
1.—Linseed ...								
2.—Rape and mustard ...								
3.—Til or gingelly ...								
4.—Nigor ...	240	1,338	128	998	1,578	1,126	452	......
5.—Castor ...								
6.—Poppy ...								
7.—Others ...								
Provisions—								
2.—Betelnuts ...	136	1,068	154	1,082	1,204	1,236	......	32
3.—Others ...	442	182	565	269	624	834	......	210
Railway plant and rolling-stock ...	......	.....	.. ..	......	7,389†	4,214†	3,175	..
Salt ...	4,161	33	11,300	18	4,194	11,327	...	7,133
Sugar—								
1.—Drained ...	754	250	1,263	143	1,004	1,406	......	402
2.—Undrained ...								
Tea—								
1.—Foreign ...	2	2,932	2	2,601	2,934	2,603	331	......
2.—Indian ...								
Wood—								
1.—Timber ...	228	113	68	71	341	139	202	......
2.—Firewood ...	1,948	......	1,861	.....	1,948	1,861	85	... .
Tobacco ...	87	990	63	1,085	1,077	1,148	.....	71
All other articles of merchandise—								
1.—Unmanufactured ...	1,991	1,959	3,406	1,610	3,950	5,016	... ..	1,066
2.—Manufactured ...								
Hay, straw, and wooloo (C. & S.-E. Sections)...	616	......	666	......	616	666	.....	50
Total ...	23,077	62,945	33,714	80,720	1,00,575	1,26,349	5,189	30,963

* Includes 7,164 tons and 7,701 tons during 1891 and 1890, respectively, carried for Revenue, for which no "Up" and "Down" register maintained.

† 7,389 tons and 4,214 tons for the year 1891 and 1890, respectively, for which no "Up" and "Down" register maintained.

Comparative statement of the principal commodities carried over the Eastern Bengal State Railway during the month of October 1891.

INCREASES.

Railway plant .. .. 3,175 tons.
For repairs and renewals.

DECREASES.

	Tons.		Tons.
Rice ...	1,294	Jute, unscrewed ...	15,225
Most of the rice-exporting stations on the Northern section show decreases under this head, said to be due to scanty production.		The falling off was in despatches from the principal jute-booking stations on the Northern, Dacca, and Eastern sections.	
Cotton piece-goods ...	1,575	Salt ...	7,133
Due to ordinary trade fluctuation.		The decrease in this traffic cannot be accounted for.	

J. MARSHALL,
Examiner of Accounts.

CALCUTTA, *the 21st December* 1891.

Weekly Return of Traffic Receipts on Indian Railways.

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K.-D., AND ASSAM-BEHAR SECTIONS.)

Approximate Return of Traffic for week ended 19th December 1891, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	146,230	82,200 0 0	5,38,027 0	1,13,370 0 0	9,700 0 0	2,05,270 0 0	28,000	31,168	59,169
Or per mile of railway	188	106 0 0	693 0	146 0 0	†2 0 0	254 0 0	......	......	......
For previous 24 weeks of half-year*	3,778,785	17,15,415 0 0	1,56,29,980 0	36,37,903 0 0	3,76,177 0 0	57,29,495 0 0	623,976	852,424	1,476,400
Total for 25 weeks ...	3,925,015	17,97,615 0 0	1,61,68,007 0	37,51,273 0 0	3,85,877 0 0	59,34,765 0 0	651,976	883,592	1,535,568
COMPARISON.									
Total for corresponding week of previous year	135,370	70,565 0 0	6,86,735 0	1,64,945 0 0	24,292 0 0	2,59,802 0 0	25,814	31,840	57,654
Per mile of railway corresponding period of previous year ...	177	92 0 0	900 0	216 0 0	†10 0 0	* 318 0 0	......	......	......
Total to corresponding date of previous year	3,602,503	16,28,732 0 0	1,56,43,841 0	38,27,475 0 0	4,66,303 0 0	59,22,510 0 0	606,405	855,916	1,462,321

* Audited up to week ending 7th November 1891.
† Excluding steamer's earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 19th December 1891, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	25,808	10,560 0 0	48,824 0	2,720 0 0	40 0 0	13,320 0 0	3,550	2,200	5,750
Or per mile of railway	206	85 0 0	391 0	22 0 0	......	107 0 0	......	......	......
For previous 24 weeks of half-year*	663,407	2,34,295 0 0	12,05,398 0	94,199 0 0	5,293 0 0	3,33,787 0 0	87,058	47,137	134,195
Total for 25 weeks ...	689,275	2,44,855 0 0	12,54,222 0	96,919 0 0	5,333 0 0	3,47,107 0 0	90,608	49,337	139,945
COMPARISON.									
Total for corresponding week of previous year	27,806	10,234 0 0	53,834 0	2,917 0 0	188 0 0	13,339 0 0	3,933	1,950	5,883
Per mile of railway corresponding week of previous year ...	222	82 0 0	431 0	23 0 0	2 0 0	107 0 0	.. ..	......	......
Total to corresponding date of previous year	650,611	2,23,040 0 0	10,32,381 0	81,541 0 0	6,053 0 0	3,10,634 0 0	91,272	46,584	137,856

* Audited up to week ending 7th November 1891.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 19th December 1891, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	16,991	5,500 0 0	13,678 0	1,700 0 0	90 0 0	7,290 0 0	2,250	856	3,106
Or per mile of railway	198	64 0 0	159 0	20 0 0	1 0 0	85 0 0	......	......	......
For previous 24 weeks of half-year*	400,695	1,30,455 0 0	4,85,213 0	39,321 0 0	3,822 0 0	1,73,598 0 0	62,946	19,308	82,254
Total for 25 weeks ...	417,686	1,35,955 0 0	4,98,891 0	41,021 0 0	3,912 0 0	1,80,888 0 0	65,196	20,164	85,360
COMPARISON.									
Total for corresponding week of previous year	17,410	6,513 0 0	37,442 0	3,613 0 0	148 0 0	10,274 0 0	2,612	1,189	3,801
Per mile of railway corresponding period of previous year	202	76 0 0	435 0	42 0 0	1 0 0	119 0 0	......	......	......
Total to corresponding date of previous year	388,058	1,30,635 0 0	6,21,478 0	55,935 0 0	6,547 0 0	1,93,117 0 0	59,869	23,052	82,921

* Audited up to week ending 24th October 1891.

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 19th December 1891, on 27½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,043	1,080 0 0	4,568 0	250 0 0	20 0 0	1,350 0 0	546	190	736
Or per mile of railway	112	40 0 0	168 0	9 0 0	1 0 0	50 0 0	......	......	......
For previous 24 weeks of half-year*	71,292	25,690 0 0	2,10,844 0	11,086 0 0	445 0 0	37,230 0 0	12,331	9,438	21,769
Total for 25 weeks ...	74,335	26,770 0 0	2,15,412 0	11,336 0 0	465 0 0	38,580 0 0	12,877	9,628	22,505
Comparison.									
Total for corresponding week of previous year	2,712	936 0 0	59,368 0	1,060 0 0	17 0 0	2,613 0 0	546	620	1,166
Per mile of railway corresponding week of previous year ...	100	34 0 0	2,179 0	61 0 0	1 0 0	96 0 0	......	......	......
Total to corresponding date of previous year	75,972	27,060 0 0	3,14,070 0	15,382 0 0	140 0 0	42,888 0	13,612	13,824	27,436

* Audited up to week ending 7th November 1891.

Printed and published by Edwin Morris Lewis, at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 6th January 1892.

[REGISTERED No. 29.]

No. 2 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, JANUARY 13, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

THE CANAL REVENUE REPORTS FOR 1890-91.

No. 24*I.A.*

Government of Bengal.

PUBLIC WORKS DEPARTMENT.

Irrigation Accounts.

Dated Calcutta, the 11th January 1892.

RESOLUTION.

READ—

The Canal Revenue Reports for 1890-91 and Chief Engineer's Note on the same.

His Honour the Lieutenant-Governor regrets the delay in the submission of this Canal Revenue Report, which is due on the 15th November, to the Government of India, and expects that in future it will be prepared with greater punctuality.

Major Works.

2. There are in Bengal four canal systems which are classed as Major Works. Three of these combine Irrigation with Navigation, and the fourth (Hidgellee Tidal Canal) is purely a Navigation work. The Midnapur Canal system is complete, and no further expenditure on the Capital Account will be incurred from Imperial funds. The Sone Canal system is practically complete and in full work. Expenditure on subsidiary works, chiefly connected

with drainage, on improvements to the outlets, and on masonry road crossings required for village channels continues against the unspent balances of estimates sanctioned before 31st March 1891. No further sanctions will be given debitable to Imperial funds. On the Orissa Canal system there is still a good deal to be done to complete the distributaries and minor channels, and it will be some years before the system is fully developed. The Hidgellee Tidal Canal was completed in 1874, but is now being remodelled. The funds required have been advanced by the Imperial Government, and interest is payable by the Local Government at 4 per cent.

Minor Works.

3. The works classed as "Minor Works and Navigation" are divided under three heads—(1) those for which both Capital and Revenue Accounts are kept, (2) those for which only Revenue Accounts are kept, (3) those for which neither Capital nor Revenue Accounts are kept.

Under the first head there are three projects in operation, viz., the Calcutta and Eastern Canals, the Orissa Coast Canal, and the Sarun Canals. The two former are Navigation works. By the first, communication is maintained between Calcutta and Eastern Bengal through the Sundarbuns, and the second is, in combination with the Hidgellee Canal, the main highway between Bengal and Orissa, and the only means at present by which food could be thrown into Orissa in time of famine, except by sea. The object of the Sarun Canals is to supply water from the Gandak to the Sarun district, partly for irrigation and partly for the manufacture of indigo.

Under the second head there is only the Nuddea rivers, the work on which consists of the improvement and maintenance of the river channels to secure a continuous supply of water from the Ganges to the Hooghly, and to facilitate navigation.

Under the third head there are the Eden Canal and the Madhuban Canal. The former is a small work for flushing some of the nullahs in the Burdwan district with water from the river Damooda, chiefly to give a supply of good drinking water. The canal is also in dry years used for irrigation. The latter is a small irrigation work in the Chumparun district.

Capital Account.

4. The outlay of the last two years and the total outlay to date on the Capital Account is shown in the following table:—

Works.	During 1889-90.			During 1890-91.			To end of 1890-91.		
	Direct charges.	Indirect charges.	Total.	Direct charges.	Indirect charges.	Total.	Direct charges.	Indirect charges.	Total.
Major Irrigation Works.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Orissa Canal ...	3,49,008	8,035	3,57,043	3,31,596	6,672	3,38,268	2,42,17,926	5,46,188	2,47,64,114
Midnapore Canal ..	14,122	263	14,385	(—)35,890	159	(—)35,731	82,44,242	1,84,133	84,28,375
Hidgellee Tidal Canal	49,414	(—)244	49,170	1,52,884	5,037	1,57,921	19,97,787	49,600	20,47,387
Sone Canals	71,953	4,008	75,961	1,71,361	2,793	1,74,154	2,55,27,996	9,05,360	2,64,33,356
Total ...	4,84,497	12,062	4,96,559	6,19,951	14,661	6,34,612	5,99,87,951	16,85,281	6,16,73,232
Minor Works and Navigation.									
Tirhoot Project ...	......	......	......	......	.....	......	5,31,425	74,650	6,06,075
Damooda Project ...	(—)1,200	......	(—)1,200	(—)1,200	......	(—)1,200	1,48,741	16,239	1,64,980
Calcutta and Eastern Canals.	(—)169	(—)112	(—)281	5,613	80	5,693	52,32,872	61,025	52,93,897
Orissa Coast Canal ...	63,774	(—)190	63,584	17,212	852	18,064	42,35,059	1,03,018	43,38,077
Sarun Canals	340	......	340	......	......	......	6,69,570	27,183	6,96,753
Total ...	62,745	(—)302	62,443	21,625	932	22,557	1,08,17,667	2,82,115	1,10,99,782
GRAND TOTAL ...	5,47,242	11,760	5,59,002	6,41,576	15,593	6,57,169	7,08,05,618	19,67,396	7,27,73,014

Orissa Canals.

5. On the Orissa Canals the direct charges of the year, viz. Rs. 3,31,596, consisted of—

		Rs.
Works	... ...	2,79,149
Establishment	... ...	47,656
Tools and plant	... ...	7,089
Suspense accounts	... ...	—2,139
	Total ...	3,31,755
	Less receipts on Capital account ...	159
	Net ...	3,31,596

The Taldundah Extension Canal, which was shown as in progress in the report for last year, was proceeded with and was very nearly complete at the close of the year.

The lock at Paradeep, which is the outfall lock for this canal, was practically complete within the year, as at the close only the coping had to be put on and the gates to be hung.

Distributaries were in progress on all the canals, and though no addition was made to the completed length during the year, work was so far advanced that water could have been given if necessary during the current year from a length of 70 to 80 miles of new distributaries.

During the year estimates were submitted and sanctioned for 252 miles of distributaries and for 27 miles of embankments.

The Daib protective embankment was fully completed.

There is now no reason for further delay in completing the Orissa project so far as regards detailed sanctioned estimates, but progress continues slow owing to the want of labour. During the year under review work was also hindered by rain in February and March.

Midnapur Canal.

6. The transactions of the year (direct charges) affecting the Capital account of the Midnapur Canal were the following:—

	Rs.
Works	3,300
Establishment	1,136
Tools and plant	(—)24
Suspense accounts	—39,537
Total ...	—35,125
Less receipts on Capital account	765
Net ...	—35,890

As all further outlay on this canal has, under recent orders from the Government of India, to be met from Provincial revenues, it was necessary to write back the suspense or stock balance from head 49, Major Works, to head 43, Minor Works and Navigation, so effecting a reduction to that extent in the sum at charge. The amount of Rs. 3,300 spent in works was used mainly on the improvement and extension of the Jakhpur drainage channel.

Hidgellee Tidal Canal.

7. The sum of Rs. 1,52,884, by which the Capital account of the Hidgellee Canal was increased (direct charges), was distributed as follows:—

	Rs.
Works	99,423
Establishment	35,978
Tools and plant	17,483
Total ...	1,52,884

The alterations or remodelling of this canal with a view of preventing the frequent closures for the removal of silt, which had been commenced in the preceding year, were proceeded with. The main object of these works is to lower the bed of the canal in order to provide waterway in spite of accumulations of silt, and to admit the drainage of the country across the canal by inlet and escape. Also to provide duplicate supply channels in order to admit the river water in the canal free from silt. The supply sluice for Range I at Gewankhally was built up to floor level, and the supply channel from it was about three-fourths completed. In Range II the lowering of the bed of the canal was taken in hand and about one-third of the work was done.

Sone Canals.

8. The Capital account of the Sone Canals was increased during the year by the amount of Rs. 1,71,361 (direct charges) distributed as follows :—

		Rs.
Works	...	1,32,699
Establishment	...	19,850
Tools and plant	...	6,411
Suspense accounts	...	14,716
Total	...	1,73,676
Less receipts on Capital account	...	2,315
Net	...	1,71,361

The expenditure on these canals from Imperial funds is about to be closed, and will be limited to those works sanctioned before 1st April 1890 and not then completed. The unspent balance of such estimates amounted on that date to Rs. 6,16,733.

The most important works done during the year were the Chowri and Chowsa drainage cuts, and an escape from the Kuttea distributary. Progress was also made in the provision of permanent outlets and in constructing crossings for village channels under the district roads. An important drainage cut in the Buxar Division and an additional weir on the Patna Canal at lock No. II were in progress at the end of the year. The latter work was completed in May.

Calcutta and Eastern Canals.

9. On the Calcutta and Eastern Canals the Capital account was increased by Rs. 5,613 (direct charges) as under—

		Rs.
Works	...	1,599
Establishment	...	574
Tools and plant	...	3,427
Suspense accounts	...	13
Total	...	5,613

The works constructed were two additional buildings for storing wreckage, while a portable engine was received from the Orissa Coast Canal and its value adjusted.

Orissa Coast Canal.

10. On the Orissa Coast Canal the outlay amounts to Rs. 17,212 (direct charges) as shown below—

		Rs.
Works	...	17,269
Establishment	...	6,085
Tools and plant	...	(—)4,098
Suspense accounts	...	(—)2,029
Total	...	17,227
Less receipts on Capital account	...	15
Net	...	17,212

The expenditure on works was incurred on clearing several brickfields, on the construction of toll-houses and sheds for khallasies, on excavation of tanks for drinking water at locks, and on the purchase of a house for the Executive Engineer's Office.

Revenue, Major works.

11. The receipts, working expenses and interest charges in respect of the four works classed as Major Irrigation Works, are shown as follows for 1890-91 and for the four previous years:—

PARTICULARS.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
Receipts.	Rs.	Rs.	Rs.	Rs.	Rs.
Water-rates	10,32,271	7,48,292	10,01,937	11,32,662	9,69,962
Navigation	2,82,899	2,93,888	3,39,138	3,34,893	3,27,026
Miscellaneous	71,159	61,049	63,294	53,719	49,739
Total ...	13,86,629	11,03,229	13,94,369	16,21,274	13,46,727
Less—Refunds of revenue ...	16,950	16,149	13,190	16,800	7,586
Net total receipts ...	13,69,679	10,87,080	13,81 179	16,04,474	13,39,141
WORKING EXPENSES.					
DIRECT CHARGES.					
I.—Maintenance and repairs.					
Works (extensions and improvements)	......	5,532	12,141	4,712	3,263
Repairs	8,11,268	7,98,537	7,21,935	6,63,419	6,27,351
Compensation	8	.. ...	......	861	168
Establishment, including Direction and Accounts	1,86,616	3,66,702	3,20,561	3,26,011	3,69,952
Tools and plant	72,342	78,126	82,279	82,600	79,891
Profit and loss	......	......	......	......	1,225
Total ...	10,70,224	12,48,897	11,36,919	10,67,003	10,81,853
II.—Revenue management.					
Irrigation establishment ...	2,04,819	1,98,340	2,27,337	2,30,228	2,20,928
Navigation ditto ...	40,607	40,199	40,644	40,934	40,905
Total ...	2,45,426	2,38,539	2,67,981	2,71,162	2,61,833
Total direct charges ...	13,15,650	14,87,436	14,04,900	13,38,765	13,43,686
Indirect charges.					
Leave and pension allowances ...	60,487	84,734	82,395	83,603	88,450
Total indirect charges ...	60,487	84,734	82,395	83,603	88,450
Total working expenses ...	13,76,137	15,72,170	14,87,295	14,22,368	14,32,136
Net revenue ...	(—)6,458	(—)4,85,090	(—)1,06,116	82,106	(—)92,995
Charges for interest	22,91,006	23,13,446	23,39,849	23,65,030	23,87,119
Deficit ...	22,97,464	27,98,536	24,45,965	22,82,924	24,80,114

The cost of repairs was less in 1890-91 than in any of the previous four years. This is, however, met by heavier charges for establishment (Direction, Accounts and Executive). Owing to the varied nature of the work in Bengal, the total charges for the establishment employed in the Irrigation Branch of the Public Works Department have to be distributed among various heads, including Civil Works (Provincial and Imperial), Agricultural (embankments and drainage), Major Works (Capital and Revenue), and Minor Works. Up to 1886-87 this distribution was effected by charging a fixed percentage against Land Revenue and other heads, while the balance was debited to Provincial Roads and Buildings. Since 1887-88 a fixed percentage has been charged against Capital Expenditure on Major Works and against Civil Works, the balance being allotted to Canal Revenue. Hence it follows that without any increase in the total establishment charge of the Province the amount debited against the Revenue account of the Major Works may increase owing to smaller charges being made under other heads.

The net result of the year's working resulted in a loss of Rs. 92,995. The interest charges of the year were Rs. 23,87,119. The total to be made good by the Province was Rs. 24,80,114. From the commencement up to the close of the year 1890-91, the total charge to Provincial revenues on account of Major Irrigation Works has been Rs. 4,02,95,964.

12. Taking each work separately, the results of the year's work compared with the previous year are shown below :—

Particulars.	Major Irrigation Works.							
	Orissa Canal.		Midnapore Canal.		Hidgellee Tidal Canal.		Sone Canals.	
	1889-90.	1890-91.	1889-90.	1890-91.	1889-90.	1890-91.	1889-90.	1890-91.
Receipts.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Water-rates	1,99,844	2,09,806	1,16,424	1,15,438	....	....	8,16,394	6,44,718
Navigation	88,632	1,21,498	1,48,164	1,12,754	40,338	27,145	57,759	65,629
Miscellaneous ...	15,747	13,708	13,016	9,004	1,614	899	23,342	26,128
Total ..	3,04,223	3,45,012	2,77,604	2,37,196	41,952	28,044	8,97,495	7,36,475
Less—Refunds of revenue	99	76	181	205	......	....	16,520	7,305
Total receipts	3,04,124	3,44,936	2,77,423	2,36,991	41,952	28,044	8,80,975	7,29,170
Working Expenses.								
Direct charges.								
I. Maintenance and repairs—								
Works (extensions and improvements) ..	...	...	...	...	...	...	4,712	3,263
Repairs ...	2,31,068	2,22,638	1,13,507	1,05,038	16,713	27,012	2,92,131	2,72,668
Compensation ...	...	.....	...	...	...	.....	861	168
Establishment, including Direction and Accounts ..	1,09,434	1,32,859	29,753	39,502	4,157	8,626	1,82,667	1,88,895
Tools and plant	19,722	13,951	27,612	23,929	1,806	13,487	33,460	28,527
Profit and loss ..	...	1,225	......	...	.....	.....	......	......
Total ...	3,60,224	3,70,073	1,70,872	1,68,529	22,676	49,135	5,13,831	4,93,516
II.—Revenue management—								
Irrigation establishment ..	55,502	52,591	21,903	22,809	......	......	1,52,823	1,45,528
Navigation ditto ..	15,871	16,119	7,719	7,711	3,039	2,833	14,305	14,242
Total	71,373	68,710	29,622	30,520	3,039	2,833	1,67,128	1,59,770
Total direct charges	4,31,597	4,37,383	2,00,494	1,99,049	25,715	51,968	6,80,959	6,53,286
Indirect charges.								
Leave and pension allowances .	25,313	28,220	8,312	9,811	1,007	1,606	48,971	48,813
Total indirect charges ...	25,313	28,220	8,312	9,811	1,007	1,606	48,971	48,813
Total working expenses ..	4,56,910	4,67,603	2,08,806	2,08,860	26,722	53,574	7,29,930	7,02,099
Net revenue .	(—)1,52,786	(—)1,22,667	68,617	28,131	15,230	(—)25,530	1,51,045	27,071
Charges for interest . ..	9,48,473	9,62,085	3,30,923	3,30,487	72,808	76,854	10,12,826	10,17,693
Deficit	11,01,259	10,84,752	2,62,306	3,02,356	57,578	1,02,384	8,61,781	9,90,622

Particulars.	Minor Works and Navigation.											
	Sarun Canal.		Calcutta and Eastern Canal.		Orissa Coast Canal.		Nuddea Rivers.		Eden Canal.		Madhuban Canal.	
	1889-90.	1890-91.	1889-90.	1890-91.	1889-90.	1890-91.	1889-90.	1890-91.	1889-90.	1890-91.	1889-90.	1890-91.
Receipts.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Water-rates	22,990	36,823	....	......	61	......	......	......	8,503	2,795	...	......
Navigation	......	.....	4,88,309	5,19,263	63,724	64,220	1,85,983	2,00,508	......	......	......	...
Miscellaneous...	123	160	7,312	5,883	1,563	1,410	60	136	867	802	36	42
Total ..	23,113	36,983	4,95,621	5,25,146	65,348	65,630	1,86,043	2,00,644	9,370	3,597	36	42
Less—Refunds of revenue	.....	......	78	61	15	44	220	162	.....	......	......	......
Total receipts	23,113	36,983	4,95,543	5,25,085	65,333	65,586	1,85,823	2,00,482	9,370	3,597	36	42
Working Expenses.												
Direct charges.												
I.—Maintenance and repairs—												
Works (extensions and improvements)	......	...	1,244	36,676	....	......	......	......	1,786	584	2,057	6,236
Repairs	24,900	26,454	1,65,315	1,49,872	50,528	42,312	47,843	52,482	15,692	24,613	3,257	2,011
Establishment, including Direction and accounts ...	12,422	10,560	50,618	64,041	926	15,452	16,777	21,780	7,032	8,915	3,100	3,293
Tools and plant	991	389	13,510	20,691	10,513	9,794	2,250	2,476	270	684	23	287
Suspense accounts	...	......	......	......	......	.....	(—) 1,036	3,169	......	......	......	......
Total .	38,313	37,403	2,30,687	2,71,280	61,967	67,558	65,834	79,907	24,780	34,795	9,337	11,827
II.—Revenue management—												
Irrigation establishment ..	......	... ..	......	......	....	......	......	.....	......	......	.....	......
Navigation ditto ...	......	......	36,281	38,343	6,044	6,208	21,760	23,630	......	... ..	.....	...
Total ...	......	...	36,281	38,343	6,044	6,208	21,760	23,630	......	......	......	......
Total direct charges ...	.. ..	......	2,66,968	3,09,623	68,011	73,766	87,594	1,03,537	......	......	......	......
Indirect charges.												
Leave and pension allowances ...	1,739	1,478	12,165	14,334	975	3,032	5,395	6,357	......	......	......	......
Total indirect charges ..	1,739	1,478	12,165	14,334	975	3,032	5,395	6,357	......	......	......	......
Total working expenses ...	40,052	38,881	2,79,133	3,23,957	68,986	76,798	92,989	1,09,894	24,780	34,795	9,337	11,827
Net revenue ..	(—)16,939	(—)1,898	2,16,410	2,01,128	(—)3,653	(—)11,212	92,834	90,588	(—)15,410	(—)31,198	(—)9,301	(—)11,785

The net result of the year combining Major and Minor Works was as follows:—

	Rs.
Receipts from all sources (less refunds)	21,70,916
Working expenses, direct and indirect	20,28,288
Profit ...	1,42,628
Interest charges payable to Government of India on Major Works	23,87,119
Net charge on Provincial revenues	22,44,491

13. The main source of revenue from the Major Works is the amount received as water-rates. The following will show the area irrigated, the water-rates earned on such area, and the amounts collected for the year under review and for the preceding year:—

Areas and water-rates.

	1889-90.			1890-91.		
	Area irrigated.	Earnings.	Collections.	Area irrigated.	Earnings.	Collections.
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Orissa Canals ...	186,627	2,82,638	1,99,745	180,299	2,69,234	2,09,730
Midnapore Canal ...	68,810	1,03,223	1,16,243	82,002	1,22,838	1,15,233
Sone Canals ...	305,282	6,75,642	7,99,874	281,014	5,85,542	6,37,413
Total ...	560,719	10,61,503	11,15,862	543,315	9,77,614	9,62,376

NOTE.—In the above the earnings show the assessed amount due on account of the irrigation of the year, part of which falls due after the 31st March, and the collections are the gross totals, deducting refunds.

The collections in any year depend to some extent on the assessments of the previous year, more especially on the Sone system, where the assessments for rabi irrigation and half of the assessments on long leases fall due after the close of the financial year.

14. On the Orissa system the area irrigated was somewhat less than in 1889-90, but was greater than in any previous year, and the area leased at the end of the year, 184,418 acres, was greater than that irrigated during the year, which indicates that the demand for irrigation is increasing. There has been a satisfactory decrease in the area assessed for unauthorised irrigation, and the assessments for the year were completed and the demands sent in with greater punctuality than before. On the other hand the collections of water-rates are still unsatisfactory, being much less than the annual demand, so that the amount in arrear is greater at the end of the year than it was at the beginning; but in spite of this some improvement in collection is observed, and the amount collected was larger than in any previous year. The following figures show how the total demand of the year was constituted and the progress made in realising it:—

	Demand of year 1890-91.	Collected or remitted.
	Rs.	Rs.
Arrears of 1887-88 and previous years	19,556	10,344
Arrears of 1888-89	55,662	32,977
Arrears of 1889-90	1,01,544	43,501
Total arrears ...	1,76,762	86,822
Current demand of 1890-91	2,69,650	1,61,226
Total ...	4,46,412	2,48,048
Remissions were	......	38,242
Actual collections were	......	2,09,806

The number of certificates issued during the year was 13,594 as compared with 8,586 in 1889-90. Only 10,928 were disposed of, and the balance outstanding at the end of the year had risen to 9,104. The amount recovered on 10,152 certificates was only Rs. 25,000 (approximately), that is about Rs. 2-8 on each certificate.

The statement given in paragraph 26 of the Chief Engineer's Note shows to what extent incorrect demands had been made. The large amount under "Unirrigated crops" is partly due to the recent exemption of low-lying lands, which are included in existing leases and so assessed in the first instance, but the existing system of assessing and collecting water-rates on these canals is in many ways unsatisfactory, and a revised system, based on that in force on the Sone Canals, has been worked out and is shortly to be introduced.

The returns from navigation have advanced considerably, and the collections of the year are the highest yet obtained on these canals.

15. On the Midnapur Canal there was a satisfactory increase in the area irrigated and in the earnings of the year; but the collections of the year were not satisfactory, and the arrear balance increased from Rs. 50,644 to Rs. 64,967. There was, however, greater activity shown in the certificate work during the past year. Seven thousand six hundred and sixty-four cases were instituted, and 9,150 cases were disposed of, the pending balance being reduced from 3,444 to 1,958. The number of cases is still very high compared with the Sone Canals, on which with three times the area irrigated far fewer certificates are required. The navigation receipts, which are an important item on this canal, fell considerably during the year. This is attributed mainly to dulness in trade and partly to a closure of some of the reaches for repairs.

16. As regards the Hidgellee Canal, the year is marked by increased expenditure and diminished receipts, the former being due to extensive silt clearance, to heavy charges for repairs to dredging plant, and to the cost of constructing a slip for boats at Balasore. The falling off in receipts, which are derived almost exclusively from navigation, is due to the long closure of the canal for silt clearance and in connection with remodelling which is in progress.

17. The decrease in the area irrigated and consequently in the earnings on the Sone Canals is attributable to the more abundant rainfall of 1890-91, which was, as the average of 22 stations on that system, 52·86 inches against 39·27 inches in 1889-90, and against 41·70 inches, being the mean of 20 years. Considering this heavy rainfall the area irrigated is large, and it is especially satisfactory to find the area under 5-years' leases so well maintained. There is an increase over the preceding year in the area assessed from unauthorised irrigation, which is to be regretted. The area so assessed in 1889-90 was, however, unusually small. The collections, though considerably less than in 1889-90, when they were inflated by the recovery of heavy arrears, are still greater than the demand of the year, and show progress in reducing the arrear balance. In the Patna district, however, the collections were very bad. Here the arrears had greatly increased and the accounts were in confusion owing to the scandalous incompetence of the circle officer, who was then in charge, and has since died. Since the close of the year vigorous measures have been taken, and the balance outstanding has been much reduced.

The amounts remitted for incorrect demands and written off as irrecoverable were Rs. 5,324 and Rs. 16,136, respectively, and are smaller than in any of the four previous years. The chief causes of remissions were mistakes in assessment, owing to their having been made without sufficient proof of the land having been irrigated or of its being liable to assessment.

The work done in disposing of certificate cases has also been good. Four thousand eight hundred and ninety-one cases were instituted as against 5,577 in 1889-90. Five thousand three hundred and eleven cases were disposed of at the close of the year, the balance pending was only 1,586, and has since been still further reduced.

The receipts from navigation have been satisfactory, and show a steady, if slow, increase.

18. The Lieutenant-Governor made a close inspection of this canal in November last, and has nothing but approval to record of the system on which it is now being worked and of the spirit which animates its staff. Complaints of wrongful assessment and of non-receipt of water, which once were numerous,

are now reduced to a minimum, and when made are disposed of rapidly and in a liberal spirit: the utmost care is taken to secure accuracy in the leases and assessments and punctuality in the payments: the arrears which on the 1st April were over Rs. 2,10,000 had been brought down to about Rs. 55,000: the pending certificates were 1,586 at the end of March and 445 at the end of November. The irrigated lands stood out long lines of greenness and fertility, a startling contrast to the parched and impoverished tracts which they intersect. As long as the principle is upheld which Mr. Odling has inculcated on his engineers that the first duty of a Canal Officer is to show good irrigated crops, so long may it be safely said that the canal is an unmixed blessing to the country.

Revenue, Minor Works.

19. Turning now to the Minor Works, the revenue from which is almost entirely derived from navigation, the following brief remarks may be made:—

On the Calcutta and Eastern Canals there has been a fair increase in the receipts, but this has been counterbalanced by increased charges, especially for establishment, which item is higher this year than in any previous one. The net revenue, Rs. 2,01,128, is lower than it has been since 1881-82. The working of the system of toll collections was good as noticed in paragraph 108 of the Chief Engineer's Note. The method of charging tolls according to measurement and the rates of toll on this system of canals are now under revision with the view of making the payments fall more equally on the various kinds of boats and classes of goods.

On the Orissa Coast Canal there is a very slight increase in the receipts. The net revenue is, however, less than in the previous year owing to the extra charge for establishment. When the works now in progress on the Hidgellee Tidal Canal are completed, it is hoped that the returns from the Orissa Coast Canal will improve. The want of roads in the country adjoining this canal is also an impediment to expansion of traffic. Two feeder roads are now being taken up by the District Board of Balasore, towards which the Local Government has contributed Rs. 7,000.

The receipts from the Nuddea Rivers have increased slightly, but owing to increased charges for repairs and establishment the net revenue has decreased from Rs. 92,834 to Rs. 90,588.

The Sarun, Madhuban, and Eden Canals are small works which ordinarily bring in a very slight revenue, while they are a source of expense to maintain. On the other hand, in a dry season like that of the present year, they are of considerable value to the parts of the country in which they are situated.

20. The figures in Appendix I, which record the number of days spent by each Irrigation Officer on tour, show that while some have been active and energetic in the work of inspection, others have fallen far short of the standard which ought to be attained. The attention of all officers in the Department should be called to this table, and Chief Engineer is requested to mention in next year's report the names of those officers who have been most remiss in this branch of their duties.

21. This is the last Canal Revenue Report which will be issued over the signature of Colonel J. M. McNeile, who will retire from the Government service shortly after the Report is published. Sir Charles Elliott cannot allow this distinguished officer to leave the Province without putting on record his high appreciation of his services through a long and honourable career, and his indebtedness to him for his assistance in the administration of the Public Works Department during the past year. He desires also to thank Mr. Odling, Superintending Engineer, for his excellent work on the Sone Canals.

ORDER.—Ordered that a copy of this Resolution and of the Chief Engineer's Note and its accompaniments be submitted to the Government of India, in the Public Works Department, and published in the *Calcutta Gazette*; also that it be circulated to other Governments and to all Departments and Officers of this Government as usual.

By order of the Lieutenant-Governor of Bengal,

J. M. McNEILE, *Col.*, R.E.,

Secretary to the Government of Bengal.

Government of Bengal.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH.

REVENUE REPORT.

Note by COLONEL J. M. McNEILE, R.E., *Chief Engineer, on the Canal Revenue Reports for the year* 1890-91.

THE Capital expenditure on Irrigation Works, for which Capital Accounts are kept, amounted during the year 1890-91 to Rs. 6,41,576 for direct and Rs. 15,593 for indirect charges:—

	Direct charges.	Indirect charges.	Total.
	Rs.	Rs.	Rs.
Capital expenditure not charged against Revenue	6,19,951	14,661	6,34,612
Minor Works and Navigation ...	21,625	932	22,557
Total ...	6,41,576	15,593	6,57,169

2. The total Capital outlay at the end of the year 1890-91, including indirect charges, was as follows:—

	Direct charges.	Indirect charges.	Total.
	Rs.	Rs.	Rs.
Major Irrigation Works.			
Productive Public Works ...	5,99,87,951	16,85,281	6,16,73,232
Minor Works and Navigation.			
Protective grants—Imperial ...	8,66,000	...	8,66,000
Ordinary revenue { Imperial and Provincial. }	99,51,667	2,82,115	1,02,33,782
Total ...	7,08,05,618	19,67,396	7,27,73,014

3. The above outlay is divided under the different projects in the following statement :—

WORKS.	During 1890-91.			To end of 1890-91.		
	Direct charges.	Indirect charges.	Total.	Direct charges.	Indirect charges.	Total.
Major Irrigation Works.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Orissa Canals ...	3,31,596	6,672	3,38,268	2,42,17,926	5,46,188	2,47,64,114
Midnapore Canal ..	(—)35,890	159	(—)35,731	82,44,242	1,84,133	84,28,375
Hidgellee Tidal Canal ...	1,52,884	5,037	1,57,921	19,97,787	49,600	20,47,387
Sone Canals ...	1,71,361	2,793	1,74,154	2,55,27,996	9,05,360	2,64,33,356
Total ...	6,19,951	14,661	6,34,612	5,99,87,951	16,85,281	6,16,73,232
Minor Works and Navigation.						
Tirhoot project ...	...	...	...	5,31,425	74,650	6,06,075
Damooda project ...	(—)1,200	...	(—)1,200	1,48,741	16,239	1,64,980
Calcutta and Eastern Canals	5,613	80	5,693	52,32,872	61,025	52,93,897
Orissa Coast Canal ...	17,212	852	18,064	42,35,059	1,03,018	43,38,077
Sarun Canals ...	...	...	...	6,69,570	27,183	6,96,753
Total ...	21,625	932	22,557	1,08,17,667	2,82,116	1,10,99,782
GRAND TOTAL ...	6,41,576	15,593	6,57,169	7,08,05,618	19,67,396	7,27,73,014

REVENUE.

4. The total receipts, working expenses, and charges for interest in respect of the works which are classed as Major Irrigation Works are shown in the following statement during the year 1890-91 and for the four previous years :—

PARTICULARS.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
	Rs.	Rs.	Rs.	Rs.	Rs.
Receipts from all sources (less refunds of revenue)	13,69,679	10,87,080	13,81,179	15,04,474	13,39,141
Working expenses (direct and indirect charges)	13,76,137	15,72,170	14,87,295	14,22,368	14,32,136
Net revenue ...	(—)6,458	(—)4,85,090	(—)1,06,116	82,106	(—)92,995
Charges for interest	22,91,006	23,13,446	23,39,849	23,65,030	23,87,119
Deficit	22,97,464	27,98,536	24,45,965	22,82,924	24,80,114
Rate per cent. on Capital outlay ...	3·88	4·68	4·04	3·74	4·02

INTEREST.

5. The total amount of interest payable to the Imperial Treasury on account of Major Irrigation Works for the year 1890-91 is Rs. 23,87,119.

FINANCIAL RESULTS.

6. The following statement shows the financial results of both Major Irrigation Works and Minor Works and Navigation, of which Capital and Revenue Accounts are kept, to the close of the year 1890-91 :—

		Major Irrigation Works.		Minor Works and Navigation.
		Rs.		Rs.
Direct revenue	...	1,80,29,058		2,17,85,125
Working expenses (direct charges)	...	1,85,08,986		87,92,009
Results on direct charges only ...	Loss	4,79,928	Profit	1,29,93,116
Indirect charges debitable to revenue	...	9,99,960		2,39,690
Results on both direct and indirect charges	Loss	14,79,888	Profit	1,27,53,426
Charges for interest on Capital ...	...	3,88,16,076		Not calculated.
Net results, including interest to end of 1890-91	Loss	4,02,95,964		......

7. The financial results to the close of the year 1890-91 of Minor Works and Navigation, of which only Revenue Accounts are kept, are shown below:—

		Rs.
Direct revenue		82,08,513
Working expenses (direct charges)		44 35,337
Results on direct charges only	Profit ...	37,73,176
Indirect charges debitable to revenue		2,33,565
Results on both direct and indirect charges ...	Profit ...	35,39,611

EXPENDITURE.

8. The expenditure on, and receipts from, Irrigation, Navigation, and Agricultural Works during the year 1890-91, as compared with those of the year 1889-90, are shown below:—

EXPENDITURE.	1889-90. Rs.	1890-91. Rs.
42—Major Irrigation Works, Working Expenses— Provincial	14.22,368	14,32,136
43—Minor Works and Navigation—		
Irrigation and Navigation Works— Provincial	5,77,720	6,18,709
Agricultural Works—		
Provincial	8,11,601	7,52,844
Contributions	12,362	3,890
Total ...	8,23,963	7,56,734
49—Irrigation—Capital expenditure not charged against Revenue	4,96,559	6,34,612
GRAND TOTAL ...	32,20,610	34,42,191

RECEIPTS.

RECEIPTS.	1889-90. Rs.	1890-91. Rs.
XXIX—Major Irrigation Works—Direct Receipts— Provincial	15,04,474	13,39,141
XXX—Minor Works and Navigation—		
Irrigation and Navigation Works— Provincial	7,79,218	8,31,775
Agricultural Works— Provincial	9,007	12,015
Total ...	22,92,699	21,82,931

AREAS IRRIGATED.

9. The areas irrigated during the year 1889-90 and the four previous years by the Major Irrigation Works are shown in the following statement:—

	ORISSA CANALS.				MIDNAPORE CANAL.				SONE CANALS.				TOTAL.			
	Kharif.	Rabi.	Perennial.	Total.	Kharif.	Rabi.	Perennial.	Total.	Kharif, including five-year leases.	Rabi.	Perennial.	Total.	Kharif.	Rabi.	Perennial.	Total.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
1886-87	75,115	2,440	154	77,709	69,762	...	...	69,762	239,916	16,662	11,626	268,204	384,793	19,102	11,780	415,675
1887-88	109,967	502	137	100,506	65,864	...	...	65,864	281,614	27,501	6,265	315,380	456,345	28,003	6,402	490,750
1888-89	156,319	2,779	194	159,292	66,408	3,369	...	60,777	281,492	69,817	4,600	355,900	504,219	75,965	4,794	584,978
1889-90	180,568	5,897	162	186,627	68,370	440	...	68,810	279,942	20,336	5,004	305,282	528,880	20,673	5,166	560,71.
1890-91	175,841	4,249	200	180,290	82,002	...	...	82,002	255,980	20,632	4,402	281,014	513,823	24,881	4,611	543,315

The year's working and its financial results will now be dealt with separately for each of the canal systems of the province, as in previous years.

ORISSA CANALS.

The figures in all statements showing totals of receipts or expenditure are those of the Examiner of Accounts. In dealing with details the figures of the Commissioner or of the Superintending Engineer are used.

10. The Capital, Interest, and Revenue Accounts of these canals are given below:—

I.—CAPITAL ACCOUNT.

CAPITAL ACCOUNT

HEADS OF ACCOUNT.	Outlay during 1890-91.	Outlay to end of 1890-91.
DIRECT CHARGES.	Rs.	Rs.
I.—Works	2,79,149	1,74,51,190
II.—Establishment	47,656	44,07,168
III.—Tools and plant	7,089	20,17,876
IV.—Suspense accounts	(—)2,139	1,59,653
Loss by exchange	...	2,68,070
Total ...	3,31,755	2,43,03,957
V.—*Less*—Receipts on Capital account	159	86,031
Net total direct charges ...	3,31,596	2,42,17,926
INDIRECT CHARGES.		
Capitalization of abatement of land revenue	...	33,059
Leave and pension allowances	6,672	5,13,129
Total indirect charges ...	6,672	5,46,188

The progress on the construction of the works remaining to complete this system of canals was less during the year than had been anticipated. There are difficulties in securing a sufficient supply of labour in Orissa, and the labourers which can be obtained are also for the most part cultivators of land, and leave the work at harvest time. Work was also delayed by unusual rain in January and February 1891. The more important works completed or in progress were the Taldundah Extension Canal with outfall lock at Paradeep, and the Daib protective embankment in the Machgong Extension Canal, while distributaries on all the canals were in hand.

2.—INTEREST ACCOUNT.

INTEREST ACCOUNT.

	Rs.
Interest charges to end of 1889-90	1,47,31,581
Ditto for 1890-91	9,62,085
Total ...	1,56,93,666

REVENUE ACCOUNT.

3.—REVENUE ACCOUNT—(Actuals).

	Expenditure—			Receipts—	
	During 1889-90.	During 1890-91.		During 1889-90.	During 1890-91.
DIRECT CHARGES.	Rs.	Rs.		Rs.	Rs.
I.—Maintenance and repairs.					
Works (extensions and improvements).	...	...	Water-rates ...	1,99,844	2,09,806
Repairs	2,31,068	2,22,638	Navigation ...	88,632	1,21,498
Compensation	...	...	Miscellaneous ...	15,747	13,708
Establishment, including direction and accounts.	1,09,434	1,32,859	Total ...	3,04,223	3,45,012
Tools and plant ...	19,722	13,951	*Less*—Refunds of revenue.	99	76
Profit and loss ...	..	1,225			
Total ...	3,60,224	3,70,673			
II.—Revenue management.					
Irrigation establishment	55,502	52,591			
Navigation ditto ...	15,871	16,119			
Total ...	71,373	68,710			
Total direct charges ...	4,31,597	4,39,383			
INDIRECT CHARGES.					
Capitalized abatement of land revenue.	...	...			
Leave and pension allowances.	25,313	28,220			
Total indirect charges...	25,313	28,220	Net total receipts	3,04,124	3,44,936
			Deficit ...	1,52,786	1,22,667
Total working expenses	4,56,910	4,67,603	Total ...	4,56,910	4,67,603

The net result is slightly more favourable than in the preceding year, that is, there is a net loss on the working of the year of Rs. 1,22,667 compared with Rs. 1,52,786 for 1889-90. The receipts have increased by Rs. 40,812 and the working expenses by Rs. 10,693. The latter increase is due to increased charges for establishment.

EARNINGS.

11. The net result calculated on the earnings as opposed to collections, and actual outlay is shown below for the year under review and the preceding year:—

	1889-90.	1890-91.
	Rs.	Rs.
Actual outlay	4,56,910	4,67,603
Earnings	3,87,017	4,04,440
Deficit ...	69,893	63,163

The figures given as earnings include the actual realizations of navigation and miscellaneous revenue with the assessed revenue from irrigation, less refunds.

12. The revenue receipts and working expenses of the Orissa Canals for the last ten years are shown in the following statement:—

FINANCIAL RESULTS.

PARTICULARS.	1881-82.	1882-83.	1883-84.	1884-85.	1885-86.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
RECEIPTS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Water-rates	1,24,290	1,80,325	1,11,856	51,245	1,06,842	96,976	1,37,869	1,51,365	1,99,844	2,09,806
Navigation	83,206	1,08,473	1,10,152	79,802	84,012	67,048	71,004	77,908	88,632	1,21,498
Miscellaneous	15,655	31,212	15,860	12,538	16,496	15,587	14,171	14,242	15,747	13,708
Total ...	2,23,151	3,20,010	2,37,868	1,43,585	2,07,350	1,79,611	2,23,044	2,43,515	3,04,223	3,45,012
Less—Refunds of revenue ...	414	385	68	78	6	92	365	221	99	76
Total receipts ...	2,22,737	3,19,625	2,37,800	1,43,507	2,07,344	1,79,519	2,22,679	2,43,294	3,04,124	3,44,936
WORKING EXPENSES.										
Direct charges.										
I.—Maintenance and repairs—										
Repairs	2,17,753	2,22,431	1,89,617	2,03,137	2,22,690	3,52,761	3,10,980	2,36,694	2,31,068	2,22,638
Establishment, including direction and accounts ...	50,108	51,160	43,600	50,958	51,199	81,117	98,153	70,201	1,09,434	1,32,859
Tools and plant	13,348	14,923	11,292	15,167	19,159	15,486	16,391	21,156	19,722	13,951
Profit and loss	...	...	...	...	...	...	...	...	...	1,225
Direct expenditure in England	1,930	2,061	427	...	...	...	...	...	..	...
Total ...	2,83,139	2,90,575	2,44,936	2,69,262	2,93,048	4,49,364	4,25,524	3,28,051	3,60,224	3,70,673
II.—Revenue management—										
Irrigation establishment ...	37,022	37,002	33,432	33,999	34,304	37,005	40,300	43,161	55,502	52,591
Navigation ditto ...	8,085	13,578	14,681	12,398	15,219	15,471	15,125	15,734	15,871	16,119
Total ...	45,107	50,580	48,113	46,397	49,523	52,476	55,425	58,895	71,373	68,710
Total Direct charges ...	3,28,246	3,41,155	2,93,049	3,15,659	3,42,571	5,01,840	4,80,949	3,86,946	4,31,597	4,39,383
Indirect charges.										
Capitalized abatement of land revenue	...	...	...	...	...	...	...	...	...	
Leave and pension allowances ...	16,407	13,741	12,840	13,629	14,101	18,703	21,501	18,073	25,313	28,220
Total Indirect charges ...	16,407	13,741	12,840	13,629	14,101	18,703	21,501	18,073	25,313	28,220
Total working expenses ..	3,44,653	3,54,896	3,05,889	3,29,288	3,56,672	5,20,543	5,02,450	4,05,019	4,56,910	4,67,603
Net revenue ...	(—)1,21,916	(—)35,271	(—)68,089	(—)1,85,781	(—)1,49,328	(—)3,41,024	(—)2,79,771	(—)1,61,725	(—)1,52,786	(—)1,22,667

13. The lengths of the canals and distributaries in operation at the close of the year 1890-91, compared with 1889-90, are given in the following table:—

LENGTHS OF CANALS AND DISTRIBUTARIES.

NAME OF CANAL.	1889-90. Navigable canals.	1889-90. Canals for irrigation only.	1889-90. Distributaries and village channels.	1889-90. Area protected from flood.	1889-90. Area under command.	1889-90. Area provided with distributaries.	1889-90. Area irrigated.	1889-90. Percentage of area irrigated to area provided with distributaries.	1890-91. Navigable canals.	1890-91. Canals for irrigation only.	1890-91. Distributaries and village channels.	1890-91. Area protected from flood.	1890-91. Area under command.	1890-91. Area provided with distributaries.	1890-91. Area irrigated.	1890-91. Percentage of area irrigated to area provided with distributaries.
Mahanuddy Series.	Miles.	Miles.	Miles.	Acres.	Acres.	Acres.	Acres.		Miles.	Miles.	Miles.	Acres.	Acres.	Acres.	Acres.	
ldundah	27	...	71½	10,520	15,250	15,250	40,246	70·7	27	...	71½	10,520	15,250	15,250	41,806	73·5
achgong	4	28	122½	44,928	97,057	41,600			4	28	122½	97,057	97,057	41,600		
endraparah	39	...	357	129,421	101,110	92,982	77,874	75·5	39	...	357	129,421	101,110	92,982	74,970	72·7
obri with extension	21	...	...	27,251	53,290	...			21	...	...	27,251	53,290			
ttamoondee	...	47	33½	65,600	51,250	10,172			...	47	33½	65,600	51,250	10,172		
endrapara Extension .	15	...	...	8,960	7,000	...			15	...	...	8,960	7,000			
igh Level Canal, Range I ...	33	...	131½	80,128	48,815	48,815	26,599	54·4	33	...	131½	80,128	48,815	48,815	21,084	45·0
Total Mahanuddy Series ...	139	75	715½	375,808	373,772	208,819	144,719	69·3	139	75	715½	427,937	373,772	208,819	138,760	66·4
Brahminee-Byturnee Series.																
igh Level Canal, Range II ...	12½	...	...	...	10,000	...	2,563	...	12½	...	...	...	10,000	...	2,503	...
Do. do., do. III ...	19	...	49½	...	57,500	44,047	39,345	89·3	19	...	49½	...	57,500	44,047	39,036	88·6
jepore Canal	6½	...	...	...	70,000	...	...		6½	...	...	...	70,000	...	...	..
otal Brahminee-Byturnee Series	38	...	49½	...	137,500	44,047	41,908	95·1	38	..	49½	...	137,500	44,047	41,539	94·3
Total Orissa Canals ...	177	75	764½	375,808	511,272	252,866	186,627	7·38	177	75	764½	427,987	511,272	252,866	180,299	71·3

No addition has been made to the completed lengths of either main canals or distributaries, but the area protected from floods has been increased by 52,129 acres, on account of the completion of the Daib embankment during the year.

The Superintending Engineer remarks as follows regarding the extension of distributaries:—

"The distributaries of the Pattamoodee, Kendrapara, Gobri, and Gobri Extension canals, of the Taldundah and Machgong Extension canals, and of the Jajepore canal, which have been sanctioned by Government, were all in hand during the year. As the financial year closes in the middle of the working season, it may perhaps be noted here that in the Kendrapara subdivision out of 143 miles of distributaries sanctioned, half the length has been thrown up to section, and all the important masonry works are well advanced, the dressing and turfing is now being done; but should there be any failure of the rains in October, it will, it is hoped, be possible to supply water from 70 to 80 miles of new channels. In the Mahanuddy Division, No 19 distributary is well in hand, and half the length will, it is hoped, be available for supply should a demand arise."

RAINFALL.

14. The following statement gives the average rainfall observed during the kharif and rabi months of the last five years at thirteen stations within the tract irrigated by the Orissa canals:—

		Average of thirteen stations.				
		1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
		Inches.	Inches.	Inches.	Inches.	Inches.
Kharif Season ...	July ...	10·65	11·67	8·91	13·10	12·59
	August ...	9·86	8·49	21·61	13·11	7·58
	September ...	14·66	6·12	8·36	5·50	14·40
	October ...	6·87	2·69	1·11	9·16	8·63
	Total ...	42·04	28·97	39·99	40·67	43·20
Rabi season ...	November ...	1·56	0·87	2·88	11·24	1·94
	December ...	0·45	......	......	0·15	0·05
	January ...	0·48	1·70	0·06	00·6	......
	February ...	......	1·26	0·81	0·02	0·99
	Total ...	2·49	3·83	3·75	11·47	2·98
	Whole year ...	60·05	47·79	49·07	67·95	63·17

The rainfall of the year was on the whole slightly less than in the previous year, but was above the average, particularly in the kharif season. During the month of August the fall was somewhat deficient, leading to a demand for water, which is particularly necessary at this time for the operation of *beason* or replanting of the rice.

FLOODS.

15. The average rainfall of the year at ten stations in the Central Provinces which are drained by the Mahanuddy was 52·75 inches, or 2·84 inches less than that of 1889-90. There were no floods of any importance during the year.

IRRIGATION.

16. The areas of each crop irrigated during the last 10 years and the yearly rainfall are shown below:—

Year.	Kharif.	Rabi.	Perennial.	Total.	Rainfall.
	Acres.	Acres.	Acres.	Acres.	Inches.
1881-82 ...	126,611	5,403	264	132,278	56·92
1882-83 ...	128,530	4,100	398	133,028	59·03
1883-84 ...	47,035	1,381	344	48,760	57·21
1884-85 ...	54,181	2,994	197	57,372	50·40
1885-86 ...	70,563	1,605	171	72,339	52·59
1886-87 ...	75,115	2,440	154	77,709	60·07
1887-88 ...	108,867	502	137	109,506	47·84
1888-89 ...	156,319	2,779	194	159,292	49·07
1889-90 ...	180,568	5,897	162	186,627	67·95
1890-91 ...	175,829	4,250	220	180,299	63·17

17. The whole of the known irrigated area was assessed. The figures below show the nature of assessment compared with the figures of the two preceding years :—

		1888-89.	1889-90.	1890-91.
		Acres.	Acres.	Acres.
Kharif ...	Five-year leases ...	152,282	177,169	173,577
	Annual leases ...	57	...	246
	Unauthorised irrigation	3,981	3,399	2,006
Rabi	... ...	2,779	5,987	4,250
Perennial	... Sugarcane ...	193	162	220
Total, including unauthorised irrigation		159,292	186,627	180,299
Total, excluding unauthorised irrigation		155,311	183,228	178,293

The decrease in the kharif area, which is the chief item, is explained by the Deputy Revenue Superintendent to be due to (1) less unauthorised irrigation having been assessed; (2) the exclusion from leased areas of unirrigated beali and of undrained low lands; (3) to certain lands under lease on the High Level Canal, Range I, being found to be unirrigable for want of village channels or other causes.

The Superintending Engineer gives the following review of the progress of irrigation on the different canals:—

"The alterations which have taken place in the area of each crop upon the various canals, together with the percentages of the area provided with distributaries, as well as that commanded, which had been leased in each case, at the close of the official year, are shown in the two following statements:—

Canal system.	1889-90.			1890-91.			Kharif.		Perennial.		Rabi.	
	Kharif.	Perennial.	Rabi.	Kharif.	Perennial.	Rabi.	More.	Less.	More.	Less.	More.	Less.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Kendrapara	73,083	39	4,752	71,358	45	3,507	...	1,725	6	...	...	1,185
Taldundah	39,615	26	605	41,221	26	559	1,606	..	...	...	...	46
High Level Canal, Range I ...	26,119	2	478	21,880	13	91	...	4,239	11	...	...	387
Ditto, do. II ...	2,501	...	62	2,473	...	30	...	28	...	...	...	32
Ditto, do. III ...	39,250	95	...	38,897	136	3	...	353	41	...	3	...
Total ...	180,568	162	5,897	175,829	220	4,250	1,606	6,345	58	...	3	1,650

Name of Canal.	Area under command.	Area provided with distributaries.	Area under lease on 31st March 1891.	Percentage of area leased.	
				Under command.	Provided with distributaries.
	Acres.	Acres.	Acres. Kharif.		
Kendrapara	101,110	92,982	55,909	55·29	60·13
Gobri	21,290	...	2,761	12·97	...
Gobri Extension	32,000	...	2,808	8·77	...
Pattamoondee	51,250	10,172	12,501	24·39	122·90
Taldundah	15,250	15,250	10,858	71·20	71·20
Machgong	97,057	41,600	30,632	31·56	73·63
High Level Canal, Range I ...	48,815	48,815	25,736	52·72	52·72
Ditto, do. II ...	10,000	...	2,532	25·32	...
Ditto, do. III ...	57,500	44,047	40,681	70·75	92·36
Total ...	434,272	252,866	184,418	42·47	72·93

* * * *

"The deficiency in the rainfall of August led to a demand for canal water, as stated under "Rainfall," and the area which was leased during that month under each canal is given below:—

	Acres.
Taldundah Canal	135
Machgong do.	6,468
Kendrapara do.	3,128
Gobri Canal	4
Pattamoondee Canal	88
High Level Canal, Range I	61
Ditto, do. III	4,717
Total ...	14,601

* * * *

Upon the High Level Canal, Range I, and Taldundah Canal, 1st section, the whole of the irrigable area has nearly come under lease, so that very little increase in leases can be expected on those canals.

The second statement shows that the total area which was under lease at the end of the year was 42·47 per cent. upon the area commanded by the canals, and 72·93 per cent. upon the area provided with distributaries. It, however, includes an area of 8,101 acres, which has been leased upon canals from which no distributaries have as yet been constructed, and a further area of 12,501 acres, which is distributed over the whole length of the Pattamoondee Canal, and is not, as reported last year, situated solely within the area which is under the command of distributaries Nos. 7 and 8. If these areas are deducted, we find that the total leased area amounts to 163,816 acres, which is 37·72 and 64·78 per cent, respectively, upon the areas commanded and provided with distributaries.

Omitting the Pattamoondee Canal, the circumstances on which are peculiar, we find that the percentage of the area leased upon that provided with distributaries was greatest upon the High Level Canal, Range III, and least upon the High Level Canal, Range I. The percentages on these canals were 92·36 and 52·72, respectively, as compared with the percentages of 78·30 and 52·51, respectively, which were obtained on those canals in the previous year; so that it appears that there has been considerable improvement upon the 3rd Range of the High Level Canal, while there has also been slight improvement upon the 1st Range. The percentage of leases on the total area provided with distributaries was also higher than that of the preceding year by 4·35 per cent."

DUTY OF WATER.

18. The following table shows the duty attained by the discharge at canal heads during the last three years:—

		Kendrapara Canal system.	Taldundah Canal system.	High Level Canal, Range I.	High Level Canal, Range II.	High Level Canal, Range III.
1888-89	Kharif ... Acres	70,274	40,165	18,091	2,355	25,628
	Duty on gross supply	**92·48**	**82·60**	**70·73**	**30·99**	**200·07**
1889-90	Kharif ... Acres.	73,122	39,641	26,121	2,501	39,345
	Duty on gross supply	**80·77**	**78·19**	**102·92**	**44·46**	**83·01**
1890-91	Kharif ... Acres	71,403	41,247	21,893	2,473	39,033
	Duty on gross supply	**66·42**	**102·22**	**66·07**	**37·61**	**107·81**

Calculated upon the average quantity of water utilized, the duty is highest on the Taldundah Canal System, and lowest on the High Level Canal, Range II. The area irrigated by each cubic foot in the former case is 110·58 acres, and in that of the latter 40·54 acres.

CROP EXPERIMENT.

19. During the year 291 experiments were made upon the outturn of crops, of which 161 were on land irrigated by canal water and 130 on unirrigated land. The results are shown in the following statement:—

NAME OF DIVISIONS.	Number of experiments.	OUTTURN PER ACRE FROM IRRIGATED LAND.		Number of experiments.	OUTTURN PER ACRE FROM UNIRRIGATED LAND.		VALUE OF OUTTURN FROM IRRIGATED LAND.		VALUE OF OUTTURN FROM UNIRRIGATED LAND.	
		Paddy.	Straw.		Paddy.	Straw.	Paddy at Re. 1 per maund.	Straw at 9 maunds per rupee.	Paddy at Re. 1 per maund.	Straw at 9 maunds per rupee.
		Mds.	Mds.		Mds.	Mds.	Rs.	Rs.	Rs.	Rs.
Mahanuddy	55	1,273	1,120	34	652	534	1,273·00	124·44	652·00	59·33
Brahminee-Byturneel	78	1,351	1,455	69	935	955	1,351·00	161·66	935·00	106·11
Acquapadda-Jajepore	28	719	1,062	27	369	607	719·00	118·00	369·00	67·44
Total ...	161	3,343	3,637	130	1,956	2,096	3,343·00	404·10	1,956·00	232·88
Average of all experiments per acre	...	20·76	22·59	...	15·05	16·12	20·76	2·51	15·05	1·79
Average of five years ending with 1889-90 1889-90		21·01	23·00	...	13·71	14·40	21·01	2·56	13·71	1·60
1888-89		16·23	20·12	...	11·02	14·02	16·23	2·24	11·02	1·56
1887-88		12·32	16·84	...	9·38	12·00	12·25	1·67	9·31	1·19
1886-87		15·66	23·87	...	12·25	19·29	15·61	2·40	12·21	1·94
1885-86		15·73	23·99	...	11·44	17·66	15·67	2·35	11·39	1·77

ASSESSMENTS, COLLECTIONS, AND BALANCES.

20. At the commencement of the year under review the balances outstanding were—

		Rs.
Water-rates	... ...	1,76,762
Miscellaneous Revenue	... ...	355
Total	...	1,77,117

as against the balances outstanding on 1st April 1891 which were—

Water-rates	... ...	1,98,364
Miscellaneous Revenue	... ...	266
Total	...	1,98,630

notwithstanding large remissions, the outstanding balance of water-rates has again increased, and amounted at the close of the year to 73 per cent. of the demand for 1890-91.

The Deputy Revenue Superintendent gives as reasons for the poor result:—

(1 The defective ijaradari system.

(2) The time of his subordinates having been taken up with census work at the best season for collecting.

The Collector and Commissioner in forwarding the report of the Deputy Revenue Suprintendent have made no remarks regarding the collections.

21. The following statement shows the balances, assessments, and recoveries of water-rates for the last five years:—

YEAR.	Amount outstanding at commencement of year.	Amount falling due during the year.	Total for recovery.	Cash realizations.	Remitted. or written off.	Balance at the end of the year.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1886-87 ...	64,884	1,25,676	1,90,560	96,976	6,126	87,458
1887-88	87,458	1,50,297	2,37,755	1,37,869	7,777	92,109
1888-89 ...	92,109	1,96,765	2,88,874	1,51,365	22,912	1,14,597
1889-90 ...	1,14,597	2,87,277	4,01,874	1,99,844	25,268	1,76,762
1890-91 ...	1,76,762	2,69,650	4,46,412*	2,09,806	38,242	1,98,364

ARREARS.

22. The following tables show the progress of the year in realizing arrears and current demand separately for the districts of Cuttack and Balasore:—

CUTTACK DISTRICT.

	Demand of 1890-91 how composed.	Collected or remitted.	Percentage of demand adjusted.	Balance outstanding at close of year.
	Rs.	Rs.	Rs.	Rs.
Arrears of 1887-88 and previous years	18,268	9,075	49·6	9,193
Arrears of 1888-89	47,044	27,092	57·5	19,952
Ditto 1889-90	79,891	28,813	36·0	51,078
Total of arrear demand outstanding on 1st April 1890... ...	1,45,203	64,980	44·7	80.223
Current demand of 1890-91 ...	2,13,390	1,35,095	63·3	78,295
Gross demand, including arrears	3,58,593	2,00,075	55·7	..
Total outstanding at close of year	...	...	...	1,58,518

BALASORE DISTRICT.

	Rs.	Rs.	Rs.	Rs.
Arrears of 1887-88 and previous years	1,288	1,269	98·5	19
Arrears of 1888-89	8,618	5,885	68·2	2,733
Ditto 1889-90	21,653	14,688	67·8	6,965
Total of arrear demand outstanding on 1st April 1890... ...	31.559	21,842	69·2	9,717
Current demand of 1890-91 ...	56,260	26,131	46·4	30,129
Gross demand, including arrears...	87,819	47,973	54·6	...
Total outstanding at close of year	...	...	...	39,846

CERTIFICATES.

23. Out of Rs. 2,19,692 realized by the Collectors on water-rates and miscellaneous revenue, Rs. 24,964 were recovered on certificates issued under the Public Demands Recovery Act. The amount so collected in 1889-90 was Rs. 19,502. Details below:—

Amounts recovered by certificate.

BY WHOM COLLECTED.	Water-rates.	Miscellaneous.	Total water-rates and miscellaneous.	Value of court-fee stamps affixed on the certificates realized by the Certificate Officer during 1890-91.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Cuttack Certificate Officer ...	21,125 14 2	658 14 0	21,784 12 2	5,900 6 3
Balasore Certificate Officer ...	3,155 14 11	22 13 3	3,178 12 2	766 14 9
Total, 1890-91 ...	24,281 13 1	681 11 3	24,963 8 4	6,667 5 0
Total, 1889-90 ...	18,690* 8 2	811 3 3	19,501 11 5	5,140 9 8

24. In the following table is shown (approximately) the amount of certificate work done in each district:—

	Cuttack.				Balasore.				Total.			
	1889-90.		1890-91.		1889-90.		1890-91.		1889-90.		1890-91.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
1	2	3	4	5	6	7	8	9	10	11	12	13
				Rs.				Rs.				Rs.
Cases for disposal—												
1. Cases pending at the close of the preceding year	5,740	...	6,227	21,042	106	...	211	499	5,846	...	6,438	21,541
2. Cases instituted during the year	7,700	...	11,226	29,852	886	..	2,368	5,704	8,586	..	13,594	35,556
Total	13,440	...	17,453	50,894	992	..	2,579	6,203	14,432	...	20,032	57,097
Cases disposed of—												
1. By being struck off owing to the demand having been remitted 2. By being wholly satisfied	7,213	...	760 9,128	3,480 22,657	781	...	16 1,024	42 2,696	7,994	...	776 10,152	3,528 25,353
Total	7,213	...	9,888	26,143	781	..	1,040	2,738	7,994	...	10,028	28,881
Balance outstanding at the close of the year	6,227	...	7,505	24,751	221		1,539	3,465	6,438	...	9,104	28,216

Columns 3, 7 and 11 have been left blank for want of information.

The number of certificates instituted and the number pending have considerably increased, and taken together with the increased amount of outstandings, it is apparent that considerable efforts will have to be made to bring collections up to date.

The matter is doubtless receiving the attention of the Commissioner, but he has not offered any remark or explanation regarding the increase in the pending cases. The number of cases struck off is small proportionately with that in which the demand was realized.

COMPLAINTS.

25. The following statement shows the number of objections filed against assessment and disposed of during the year:—

Division.	(I)—Ordinary Remissions.				(II to IV)—Other Complaints.				Total complaints received during the year excluding those pending from previous year.	Pending.	Remarks.
	Received during the year and pending from previous year.	Disposed of. Remission allowed.	Disposed of. Remission refused.	Pending.	Received during the year and pending from last year.	Disposed of. Allowed.	Disposed of. Rejected.	Pending.			
1.—Water-rates—											
Lands not irrigated	1,722	1,398	102	222	..	..	...	...	369	222	
Do. damaged	607	474	64	159	...	...	.	..	229	159	
Erroneous assessment ...	1,319	909	49	361	...	...	..	..	553	361	
Regulators not allowed in drainage cuts.	27	17	5	5	...	.	.	...	15	5	
Chowkidars' jageer	167	121	4	42	...	.	.	...	58	42	
Double assessments	376	292	26	58	...	..	...	...	189	58	
Appeals	6	2	3	1	...	..	...	...	6	1	
2.—Miscellaneous	246	125	34	87	...	..	...	..	126	87	
3.—Mutations and other complaints.	...	...	...	...	1,795	1,273	36	486	1,040	486	
Total, 1890-91 ...	4,560	3,338	287	935	1,795	1,273	36	486	3,185	1,421	
Total, 1889-90 ...	5,394	2,379		3,015	1,320	1,165		155	5,173	3,170	

The Deputy Revenue Superintendent remarks:—

"The filing of objections has been greatly reduced by excluding unirrigable beali and low-lying lands from assessment, and fewer cases were pending than in the previous year."

There has been a considerable reduction in the number of complaints and applications received during the year and in the balance pending which is so far satisfactory. The number pending is, however, still large, and it is hoped that the improvement made this year may be maintained.

REMISSIONS.

26. The amounts remitted and written off as irrecoverable were Rs. 38,688 against Rs. 27,055 in the year previous. The following is the Deputy Revenue Superintendent's classification of the reasons for remission:—

Remissions.		Rs	A.	P.
(*a*) Unirrigated crops ...	...	22,177	2	4
(*b*) Damaged ...	...	8,458	9	8
(*c*) Chowkidar's jagoer ...	...	3,013	9	7
(*d*) Waste land ...	...	1,120	2	9
(*e*) Land occupied by channels	...	23	6	2
(*f*) Twice assessed ...	...	118	9	2
(*g*) Destroyed by insects or worms	...	241	11	0
(*h*) Barred by limitation	...	5	11	2
(*i*) Excessive realizations ...	...	1,070	14	3
(*j*) Change of rates ...	...	282	13	8
(*k*) Erroneous assessments ...	...	343	3	0
(*l*) Commutation of double assessments	...	789	4	4
(*m*) On account of death of defaulters	...	117	15	6
(*n*) Absconding of defaulters	...	89	12	9
(*o*) Misappropriated by nazir's peons	...	44	10	8
(*p*) Lease cancelled ...	...	61	5	10
Total	...	37,958	13	10
Written off.				
(*q*) Permanent lands thrown out of cultivation for remodelling, diversion and extension of canals, or excavated for repairs of canals ...	...	251	7	3
(*r*) Rent of trees blown down and damaged		130	13	10
(*s*) Irrecoverable demands ...	...	347	3	11
Total	...	729	9	0
GRAND TOTAL	...	38,688	6	10

The important items in the above, classed as (*a*), (*b* and (*c* , are due to the system of assessment by which the gross areas are shown as assessed, and the rates on parts of these areas are remitted on account of land with boali crops not irrigated, of low land not requiring water, and of land occupied as jagir by chowkidars. Under the revised system about to be introduced, these items will be dealt with in making the assessments, and will, to a great extent, cease to appear as remissions.

REVENUE ESTABLISHMENT.

27. The cost of revenue establishment of the year was Rs. 52,591, the details of which are given in the following statement compared with those of the three previous years:—

	1887-88.	1888-89.	1889-90.	1890-91.
Establishment under Collector.	Rs.	Rs.	Rs.	Rs.
Superior officers and permanent and temporary establishment, including travelling allowance	28,749	31,389	41,228	39,299
Contingencies	2,218	2,889	4,482	2,928
Headmen's fees	2,208	1,680	2,244	2,803
Establishment under Executive Engineer.				
Permanent and temporary establishment ...	2,964	3,052	3,398	3,417
Water-regulation establishment ...	4,161	4,151	4,150	4,144
Total ...	40,300	43,161	55,502	52,591
Collections of water-rates and miscellaneous revenue by the Canal Revenue Department	1,46,039	1,60,328	2,09,823	2,19,692
Percentage ...	27·6	26·9	26·4	23·9

There has been a decrease in the cost of establishment to the extent of Rs. 2,911, which is due to the reduction in the cost of that employed under the Collector, while the cost of the establishment employed under

the Public Works Department increased by Rs. 13 only. The amount paid to headmen on account of fees increased during the year by Rs. 559.

NAVIGATION.

28. As regards navigation, the management of the canals is in the hands of the engineering staff. Besides tolls on boats and rafts, the receipts include the earnings of the transport service maintained by Government between Bhuddruck on the High Level Canal and Cuttack, a distance of 75 miles.

TOLLAGE.

The tollage receipts of each of the canal systems for the last five years are shown below:—

YEAR.	Taldundah Canal System.		Kendrapara Canal System.		High Level Canal, Range I.		High Level Canal, Range II.		High Level Canal, Range III.		Jajepore Canal.		Total.	
	Number of miles open.	Tollage receipts.	Number of miles open.	Tollage receipts.	Number of miles open.	Tollage receipts.	Number of miles open.	Tollage receipts.	Number of miles open.	Tollage receipts.	Number of miles open.	Tollage receipts.	Number of miles open.	Tollage receipts.
	No.	Rs.	No.	Rs.	No.	Rs.	No.	Rs.	No.	Rs.	No.	Rs.	No.	Rs.
1886-87	31	2,880	75	41,786	33	7,852	12½	3,788	19	2,358	..	...	170½	58,664
1887-88	31	6,267	75	46,650	33	8,306	12½	4,085	19	1,311	.	.	170½	66,628
1888-89	31	4,310	75	53,786	33	6,642	12½	3,302	19	1,001	6½	99	177	69,830
1889-90	31	4,426	75	60,245	33	8,386	12½	3,433	19	1,386	6½	163	177	78,039
1890-91	31	2,148	75	86,907	33	12,229	12½	3,185	19	2,174	6½	318	177	1,06,961

Of the total Rs. 1,06,961, private traffic accounts for Rs. 99,248, the balance being the tolls on boats carrying Government materials and on Government steamers.

The increase of private traffic is almost entirely in the Kendrapara Canal. It was due to a large export trade in rice and oilseeds.

TRAFFIC.

29. The following statement shows the traffic (excluding the transport service) of all the canals in Orissa for the last ten years:—

		1881-82.	1882-83.	1883-84.	1884-85.	1885-86.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
Number of miles open	No.	102½	164½	164½	164½	170½	170½	170½	177	177	177
Toll collections ...	Rs.	53,219	66,736	61,602	52,784	64,093	58,664	66,628	69,830	78,039	1,06,961
Rate of toll per mile	"	327·5	405·6	374·4	320·8	375·9	344·1	390·7	394·5	440·9	60[illegible]
Number of boats plying cargo and passenger	No.	14,062	13,425	15,507	18,768	20 662	14,311	12,084	11,475	11,937	12,9[illegible]
Tonnage of cargo and passenger boats	Tons.	143,522	142,093	145,685	157,017	180,142	128,308	175,996	153,674	186,019½	250,21[illegible]
Estimated value of cargo, including rafts	Rs.	28,61,226	13,98,758	47,50,655	44,80,105	46,32,733	41,81,650	50,32,093	47,40,957	48,68,255	85,21,551

MISCELLANEOUS RECEIPTS.

30. The miscellaneous receipts for the last five years are shown in the following statement:—

Details		1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
		Rs.	Rs.	Rs	Rs.	Rs.
Sale of water		86	96	41	243	222
Plantations		1,885	1,131	1,450	728	1,035
Other canal produce		676	377	895	568	845
Water-power		...	...	...	...	..
Rent of buildings		4,936	5,000	4,855	4,781	3,067
Fines		...	...	...	..	...
Miscellaneous	Rent of lands ...	5,340	5,678	5,857	7,659	6,793
	" fisheries ...	650	768	877	920	1,039
	Cost of process ...	553	278	68	63	6
	Sales of old materials	35	...	31	65	100
	Other items ...	1,426	843	168	116	601
	Total ...	15,587	14,171	14,242	15,143	13,708

MAINTENANCE AND REPAIRS.

31. The charge for maintenance and repairs during the year was Rs. 2,22,226, as distributed in the Superintending Engineer's report.

	1888-89.	1889-90.	1890-91.
	Rs.	Rs.	Rs.
Head-works	71,168	75,300	76,334
Main canals	1,11,712	1,09,839	99,746
Distributaries	31,451	23,988	21,992
Drainage and protective works	15,960	15,508	12,676
Cost of working transport service	6,405	5,829	11,478
Total ...	2,36,696	2,30,464	2,22,226

HEAD WORKS.

Out of the total expenditure of Rs. 76,334 on head-works, Rs. 62,422 represent the cost of maintaining the weirs, divided as follows:—

Name of Weir.	Length.	Expenditure.			Rate per running foot.		
		1888-89.	1889-90.	1890-91	1888-89.	1889-90.	1890-91.
	Feet.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Naraje	3,833	10,140	10,275	4,728	2·64	2·68	1·23
Mahanuddy ...	6,349	26,539	30,331	33,340	4 18	4·78	5 25
Beropa	1,980	5,573	4,709	7,616	2·81	2·38	3·85
Brahmini... ...	4,000	7,471	2,170	4,302	1·86	0·54	1·08
Pattia	783	5,698	2,203	4,194	7·27	2·81	5·36
Byturni	1,026	1,440	6,295	3,792	1 40	6·14	3·70
Burrah	526	5,935	5,470	4,450	11·28	10·40	8·46
Total of all weirs...	18,497	62,796	61,453	62,422	3·39	3·32	3·37

On the Mahanuddy, Beropa, Pattia, and Brahmini weirs the outlay during the year was in excess of that of last year, in consequence of the cost of repairing damages caused by floods.

TRANSPORT SERVICE.

32. The cost of working the transport service between Bhuddruck and Cuttack and between Acquapadda and Jajepur was Rs. 17,974, and the actual receipts Rs. 14,123. The loss incurred on this service is therefore Rs. 3,851, against a loss of Rs. 1,495 in the previous year.

The working charges for 1890-91 include Rs. 6,101 as tollage, which had not been previously shown, while the earnings include Rs. 748, hire of boats; allowing for which the expenditure was Rs. 11,873, and the earnings Rs. 13,499, or a net profit of Rs. 1,626 as compared with a loss of Rs. 1,495 in the previous year.

MAIN AND BRANCH CANALS.

33. The following statement compares the expenditure on each canal with that of the two previous years:—

Canals.	1888-89.			1889-90.			1890-91.		
	Miles.	Cost.	Per mile.	Miles.	Cost.	Per mile.	Miles.	Cost.	Per mile.
	No.	Rs.	Rs.	No.	Rs.	Rs.	No.	Rs.	Rs.
Kendrapara	39	39,370	1,009	39	20,190	748	39	30,723	788
Ditto extension ...	15	2,611	174	15	2,832	189	15	1,835	122
Gobri	15	6,434	429	15	7,410	404	15	8,448	563
Do. extension	6	4,725	787	6	3,222	537	6	14,406	2,401
Pattamoondee	47	8,769	186	47	3,999	85	47	9,972	212
Taldandah	27	17,027	630	27	22,124	819	27	6,471	239
Machgong	19	8,360	440	19	12,713	669	32	5,495	172
High Level, Range I ...	33	13,771	417	33	13,145	398	33	12,017	364
Ditto, do. II ...	12½	4,315	345	12½	5,793	463	12½	3,757	300
Ditto, do. III	19	6,330	333	19	8,690	457	19	5,589	294
Jajepore Canal	...		...	6½	721	111	6½	1,033	158
Total ...	232½	1,11,712	480	239	1,09,839	460	252	99,746	395

Maintenance charges of main canals fell from Rs. 1,09,839 to Rs. 99,746. The Superintending Engineer has analysed the expenditure by sub-heads in

each of the canals. There is an increase in the Kendrapara Canal caused by heavier outlay on weed clearance and on buildings to which thorough repairs were effected. On the Gobri Canal the increase is due to the item masonry works, the lower gates of the Chakerda lock having been renewed. On the Gobri Extension Canal there is an apparently very large increase. This is, however, due to the construction of the escape at Gunpore and consequent raising of the banks of the canal. This is really a work of improvement, and should have been classed as such and not as a charge to maintenance. On the Pattamoondee Canal the increase is due mainly to works executed in 1889-90 having been paid for in the year under review. On the Taldundah Canal the large apparent decrease is due to exceptional expenditure in the previous year on lock gates. On the Machgong Canal the length under maintenance has increased from 19 to 32 miles. The decrease in mileage rate compared with the previous year is due to less expenditure on masonry works and buildings. On all the reaches of the High Level Canal there has been reduced expenditure.

DISTRIBUTARIES.

34. The average mileage rate for the maintenance of distributaries was Rs. 30·06 as compared with Rs. 36·41 in the previous year:—

	1888-89.			1889-90.			1890-91.		
	Miles.	Cost.	Per mile.	Miles.	Cost.	Per mile.	Miles.	Cost.	Per mile.
DISTRIBUTARIES.	No.	Rs.	Rs.	No.	Rs.	Rs.	No.	Rs.	Rs.
Kendrapara Canal System ...	333¾	13,530	40·53	333¾	9,826	29·44	357	9,975	22·34
Taldunda Canal	71½	2,950	41·25	71½	3,068	42·91	71½	1,953	27·31
Machgong Canal ...	122½	5,725	46·83	122½	5,909	48·34	122½	4,084	33·41
High Level Canal, Range I	117½	9,246	78·85	131½	5,185	39·50	131½	3,961	30·18
Ditto do. II			..		....	..	...	..	......
Ditto do. III					....	....	49½	2,019	4·80
Total	644¾	31,451	48·77	658¾	23,988	36·41	731½	21,992	30·06

The lengths of distributaries in the above are those which have been brought on the revenue account, and consequently differ from the lengths given in paragraph 13, which include all so far advanced as to be fit for use, whether the capital account is still open or not.

DRAINAGE AND PROTECTIVE WORKS.

35. The total expenditure on drainage and protective works was Rs. 12,696 against Rs. 15,508 in 1889-90. The most important items under this head are the protective embankments on the High Level and Taldundah Canals, and the drainage channels connected with the Kendrapara, Taldundah and Machgong Canals.

DREDGING AND SILT-CLEARING.

36. The following statement shows the cost of the silt-clearing and dredging during the year 1890-91:—

	Silt-clearing.			Dredging.		
	Quantity.	Cost.	Rate per 1,000 c. ft.	Quantity.	Cost.	Rate per 1,000 C. feet.
	C. feet.	Rs.	Rs.	C. feet.	Rs.	Rs.
Kendrapara Canal	3,222,823	8,051	2·50	196,290	1,575	} 8·90
„ Extension ..	...	...	...	...	172	
Patamoondy Canal	93,224	223	2·39	...	..	
Gobri Canal	416,041	1,062	2·30	...	...	...
Gobri Extension Canal ...	297,012	756	2·55	139,111	1,511	10·86
High Level Canal, Range I ...	941,193	2,588	2·74	...	...	
Taldundah Canal	230,634	1,079	4·67	26,340	174	6·60
Machgong Canal	...	...	...	..	...	...
High Level Canal, Range II ...	190,854	486	2·54	57,825	311	5·37
Jajepore Canal ...	10,615	26	2·45	...	...	...
High Level Canal, Range III ...	162,623	444	2·73	...	...	...
Total	5,610,069	14,715	2·6	419,566	3,743	8·92

PLANTATIONS.

37. The state of the plantations for the last two years is shown below :—

Year.	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings below 4 feet.	Total.
	No.	No.	No.	No.
1889-90 ...	52,531	21,403	34,947	108,881
1890-91 ...	69,741	26,806	50,061	146,608

GENERAL.

38. As has been shown in paragraph 11 the earnings of the year are greater than those of the previous year by Rs. 17,423, and the working expenses by Rs. 10,693. There has, therefore, been a slight advance on the whole due to increased navigation receipts.

The irrigated area has slightly declined. The increase in the working expenses is due, as has been already noted, to the larger charge for construction establishment. There has not yet been any improvement in the collection of water-rates, and arrears continue to accumulate. It is admitted that the work has outgrown the existing revenue staff, and a revised procedure is under consideration, by which it is intended that the work shall be distributed between the Public Works Officers and the staff under the Collector.

MIDNAPORE CANAL.

CAPITAL ACCOUNT.

39. The Capital, Interest, and Revenue Accounts of this Canal are given below—

1.—CAPITAL ACCOUNT.

HEADS OF ACCOUNT.	Outlay during 1890-91.	Outlay to the end of 1890-91.
DIRECT CHARGES.	Rs.	Rs.
I.—Works	3,300	53,53,307
II.—Establishment	1,136	19,25,180
III.—Tools and plant	(—)24	9,02,513
IV.—Suspense accounts	(—)39,537	... ..
Loss by exchange	....	94,800
Total ...	(—)35,125	82,75,800
V.—*Less*—Receipts on Capital Account	765	31,558
Total direct charges ...	(—)35,890	82,44,242
INDIRECT CHARGES.		
Capitalization of abatement of land revenue	......	168
Leave and pension allowances ..	159	1,83,965
Total indirect charges ...	159	1,84,133

Under the orders of the Government of India, the amount expended on this canal during the year was written back from 49—Major Works to 43—Minor Works and Navigation, and any future outlay will have to be provided from Provincial Funds under the same head. At the close of the year the suspense balances were also transferred to Minor Works.

The sum of Rs. 3,300 expended on works classed as original construction was spent mainly on the improvement and extension of the Jackpore drainage channel and on improvements to the drainage in No. 1 distributary.

INTEREST ACCOUNT.

2.—INTEREST ACCOUNT.

	Rs.
Interest charges to end of 1889-90	57,48,653
Ditto for 1890-91	3,30,487
Total ...	60,79,140

3.—REVENUE ACCOUNT (Actuals).

REVENUE ACCOUNT.

	Expenditure. During 1889-90.	Expenditure. During 1890-91.		Receipts. During 1889-90.	Receipts. During 1890-91.
	Rs.	Rs.		Rs.	Rs.
Direct charges.					
I.—*Maintenance and repairs.*					
Works (extensions and improvements) ...	......	......	Water-rates ...	1,16,424	1,15,438
			Navigation ...	1,48,164	1,12,754
Repairs	1,13,507	1,05,038	Miscellaneous ...	13,016	9,004
Compensation ...	......	......	Total ...	2,77,604	2,37,196
Establishment, including direction and accounts	29,753	39,562	*Less*—Refunds of revenue	181	205
Tools and plant ...	27,612	23,929	Total receipts ...	2,77,423	2,36,991
Total ...	1,70,872	1,68,529			
II.—*Revenue management.*					
Irrigation establishment	21,903	22,809			
Navigation ditto ...	7,719	7,711			
Total ...	29,622	30,520			
Total direct charges ...	2,00,494	1,99,049			
Indirect charges.					
Capitalized abatement of land revenue ...	......	......			
Leave and pension allowances	8,312	9,811			
Total indirect charges...	8,312	9,811			
Total working expenses	2,08,806	2,08,860			
Net revenue ...	68,617	28,131			
Total ...	2,77,423	2,36,991			

EARNINGS.

40. The net result calculated on the earnings, as opposed to collections, and actual outlay is shown below:—

	1889-90.		1890-91.
	Rs.		Rs.
Earnings	2,64,403		2,44,596
Outlay	2,08,806		2,08,860
Profit ...	55,597	Profit...	35,736

The figures given as earnings include the actual realizations of navigation and miscellaneous revenue with the assessed revenue for irrigation, less refunds.

FINANCIAL RESULTS.

41. The following statement shows the Receipts on Revenue Account and Working Expenses of the Midnapore Canal during the last ten years:—

PARTICULARS.	1881-82.	1882-83.	1883-84.	1884-85.	1885-86.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
RECEIPTS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Water-rates	1,18,588	1,04,060	1,31,000	1,16,807	1,08,709	1,08,834	90,837	91,016	1,16,424	1,15,438
Navigation	1,20,706	1,46,922	1,20,580	1,28,747	1,37,578	1,09,693	1,26,574	1,49,480	1,48,164	1,12,754
Miscellaneous	10,780	17,028	12,996	12,401	16,197	15,658	16,967	11,299	13,016	9,004
Total ..	2,50,074	2 68,010	2,64,576	2,57,955	2,62,484	2,34,185	2,34,378	2,51,795	2,77,604	2,37,196
Less—Refunds of revenue	.		44	112	...	211	453	285	181	205
Total receipts .	2,50,074	2,68,010	2,64,532	2,57,843	2,62,484	2,33,974	2,33,925	2,51,510	2,77,423	2,36,991
WORKING EXPENSES										
DIRECT CHARGES.										
I.—Works, Maintenance and repairs.										
Works and repairs ...	1,35,114	1,40,067	1,27,628	1,34,036	1,24,857	1,37,752	1,31,181	1,06,139	1,13,507	1,05,038
Compensation	...	.	30	...	...	.	...	...	...	...
Establishment, including direction and accounts	31,022	32,218	29,312	30,822	28,651	31,677	46,467	36,111	29,753	39,562
Tools and plant . .	36,448	31,354	31,229	26,501	25,952	25,003	31,409	24,335	27,612	23,929
Total .	2,02,584	2,03,639	1,88,229	1,91,419	1,79,460	1,94,432	2,09,057	1,66,585	1,70,872	1,68,529
II.—Revenue management.										
Irrigation establishment	18,371	20,337	19,862	24,004	22,790	24,154	22,797	25,927	21,903	22,809
Navigation ditto ...	7,519	14,101	7,511	7,609	7,610	7,575	7,759	7,550	7,719	7,711
Total ...	25,890	34 438	27,373	31,613	30,400	31,729	30,556	33,477	29,622	30,520
Total direct charges .	2,28,474	2,38,077	2,15,602	2,23,062	2,09,860	2,26,161	2,39,613	2,00,062	2,00,494	1,99,049
Indirect charges .. .	10,116	8,425	7,940	8,741	8,267	8,877	10,783	9,742	8,312	9,811
Total working expenses ..	2,38,590	2,46,502	2,23,542	2,31,803	2,18,127	2,35,038	2,50,396	2,09,804	2,08,806	2,08,860
Net revenue	11,484	21,508	40,990	26,040	44,357	(—)1,064	(—)16,471	41,706	68,617	28,131

LENGTHS OF CANALS AND DISTRIBUTARIES.

42. The length of canal open for navigation during 1890-91 remained the same as that for the previous year, viz., 72 miles, and no additions were made during the year to the areas protected or commanded. The table below shows the capabilities of the canal and distributaries, and the areas protected, commanded, irrigable, and assessed:—

1889-90.

NAME OF CANAL.	Navigable canals.	Canals for irrigation only.	Distributaries and village channels.	Area protected from floods.	Area under command.	Area provided with distributaries.	Area irrigated.	Percentage of area irrigated to area provided with distributaries.
1	2	3	4	5	6	7	8	9
	Miles.	Miles.	Miles	Acres.	Acres.	Acres.	Acres.	Acres.
Under Midnapore weir	44	...	286	294,400	180,000 (Under Midnapore weir, Under Panchkoora weir and Tidal reaches)	100,000	63,598	63·6
Under Panchkoora weir	12	...	35	112,640		23,000	4,754	20·7
Tidal reaches, Ranges I and II ...	16		18·00	30,080		2,000	458	22·9
Total Midnapore Canals ...	72	.	339	437,120	180,000	125,000	68,810	55·0

1890-91.

NAME OF CANAL.	Navigable canals.	Canals for irrigation only.	Distributaries and village channels.	Area protected from floods.	Area under command.	Area provided with distributaries.	Area irrigated.	Percentage of area irrigated to area provided with distributaries.
1	10	11	12	13	14	15	16	17
	Miles.	Miles.	Miles.	Acres.	Acres.	Acres.	Acres.	Acres.
Under Midnapore weir	44		286	294,400	180,000 (Under Midnapore weir, Under Panchkoora weir and Tidal reaches)	100,000	76,645	76·6
Under Panchkoora weir	12	...	35	112,640		23,000	4,981	21·7
Tidal reaches, Ranges I and II ...	16	..	18·00	30,080		2,000	376	18·8
Total Midnapore Canals ...	72	...	339*	437,120	180,000	125,000	82,002	65·6

* Of this, length of distributaries is 283·19 miles.

OUTLETS.

43. The statement below shows the area commanded by distributary channels and the number of outlets in use in the Division:—

MIDNAPORE CANAL.	Total length of channel.	Area commanded.	NUMBER OF TEMPORARY OUTLETS.		NUMBER OF PERMANENT OUTLETS.	
			1889-90.	1890-91.	1889-90.	1890-91.
Under Midnapore weir	229 94	100,000	1,219	1,249	55	55
Do. Panchkoora weir ...	35·25	23,000	202	202	10	10
Do. Tidal Reaches, Ranges I and II	18·00	2,000	6	6	11	11

RAINFALL.

44. The following statement shows the rainfall for the year 1890-91 and the four previous years at four registering stations which lie within the area irrigated by the Midnapore Canal:—

STATIONS.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.	Average of 21 years previous to 1890-91.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
Midnapore ...	49·39	55·38	68·00	48·71	57·64	56·20
Panchkoorah ...	50·56	56·21	59·47	51·78	56·84	56·21
Luchmapore ...	56·35	47·00	60·98	45·61	59·30	Not available.
Mowah ...	55·93	49·76	60·14	31·80	49·93	Ditto.

The total rainfall approached closely the calculated average. It was fairly well distributed throughout the season and was favourable for cultivation, though somewhat short in the months of July and August. The following table shows the distribution during the kharif season:—

	Midnapore.	Panchkoorah.	Luchmapore.	Mowah.	Average, 1890-91.	Average, 1889-90.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
July ...	5·94	3·87	5·44	5·49	5·69	6·65
August ...	5·72	4·11	5·37	2·50	4·42	11·66
September ...	7·80	13·47	10·40	10·57	10·56	6·95
October ...	5·10	4·81	5·47	5·41	5·20	2·53
Total kharif season, 1890-91.	24·56	28·26	26·68	23·97	25·87	......
Ditto, 1889-90 ...	30·33	34·02	27·63	19·20	......	27·79

FLOODS.

45. The year was an uneventful one as regards floods. The highest gauge-reading of the Cossye river taken above the Midnapore weir was R. L. 86·50 and below it 81·00, as against 92·30 and 91·55—the highest recorded. The discharge of the Cossye was greatest on the 24th August 1890, being 24,841 cubic feet per second. The highest reading of the same river at Panchkoorah was 29·00 on the 25th June, and that of the Selye river at Ghatal, 21·50.

IRRIGATION.

46. The table below shows the area of each crop irrigated during 1890-91 and in the nine previous years, as also the yearly rainfall:—

YEAR.	Kharif.	Rabi.	Perennial.	Total.	Rainfall.
	Acres.	Acres.		Acres.	Inches.
1881-82 ...	104,149	285	...	104,434	74·37 *
1882-83 ...	101,939	...	...	101,939	58·81 *
1883-84 ...	97,919	...	...	97,919	47·99 *
1884-85 ...	69,294	1,835	...	69,294	53·01 *
1885-86 ...	68,769	...	...	70,604	81·28
1886-87 ...	69,762	...	...	69,762	53·05 †
1887-88 ...	64,702	1,162	...	65,864	22·08 †
1888-89 ...	66,408	3,369	...	69,777	62·13 †
1889-90 ...	68,370	440	...	68,810	44·47 †
1890-91 ...	82,002	...	...	82,002	55·68 †

* Mean of observations of two stations—Midnapore and Panchkoorah.
† Average of four stations throughout the irrigated areas under the Midnapore and Panchkoorah weirs.

The Superintending Engineer writes:—

"The whole of the irrigated crop consisted of rice, and nearly the whole was under five years' lease, only 71 acres being under one year's lease. Last year the area irrigated amounted to 68,810 acres, including 440 acres of boro rice. The increase in the irrigated area is satisfactory, being 13,192 acres more than the area irrigated in the previous year, and is due chiefly to the smaller rainfall during the first half of the kharif season as compared with that of the

previous year. The increase was almost entirely under the Midnapore weir. The Executive Engineer states :—'The demand for water was well met, and no serious difficulties were encountered during the irrigation season.' Twenty-nine acres only were irrigated by lift. The area illicitly irrigated included in the total was 1,372 acres, a large reduction on that shown in the previous year. Of this area 16 acres were charged with the penalty rate during the year. Some portion was entered as five-year leases with adjacent lands and 35 cases, involving an area of 1,116 acres, were outstanding at the end of the year."

Leases for 2,934 acres had expired on 31st March 1890, while leases for 16,126 acres were executed during the year. On 31st March 1891 leases expired for only 2,543 acres, leaving 79,459 acres under lease. In order to equalize the areas falling out of lease in each year, the Deputy Revenue Superintendent reports that some of the leases granted for 1890-91 have been made for less than five years, so as to expire in 1894 and 1895.

DUTY OF WATER.

47. The duty obtained from the gross discharge during the past three years is detailed in the following statement :—

			Under Midnapore weir.	Under Panchkoorah weir.
1888-89	Kharif ...	Acres	56,385	5,545
		Duty on gross supply ...	**152**	**111**
1889-90	Kharif ...	Acres	63,598	4,314
		Duty on gross supply ...	**134**	**77**
1890-91	Kharif ...	Acres	76,645	4,981
		Duty on gross supply ...	**160**	**89**

The areas irrigated in the Tidal Reaches, Ranges I and II, are not taken account of in the above statement. The area in the year under review was 376 acres.

CROP EXPERIMENTS.

48. No experiments on outturn of crops were carried out during the year.

ASSESSMENTS, COLLECTIONS AND BALANCES.

49. The following comparative statement shows the balances, assessments and recoveries of water-rates on the Midnapore Canal during the last five years :—

YEAR.	Amount outstanding at commencement of year.	Amount falling due during the year.	Total for recovery.	Cash realization.	Remitted or written off.	Balance at the end of the year.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1886-87 ...	69,972	1,06,751	1,76,723	1,08,834	17,140	50,749
1887-88 ...	50,749	1,02,532	1,53,281	90,837	5,951	56,493
1888-89 ...	56,493	1,23,337	1,79,830	91,016	4,041	84,773
1889-90 ...	84,773	1,17,202	2,01,975	1,16,424	34,907	50,644
1890-91 ...	50,644	1,30,595	1,81,239	1,15,438	834	64,967

The figures in the above statement have been furnished by the Deputy Superintendent of Canal Revenue, and agree with those given in the Examiner's Memorandum.

In the arrear balance of Rs. 50,644 with which the year opened, there were no demands of older standing than 1886-87. Rupees 45,983 were for dues incurred in 1889-90, and Rs. 4,661 for those of the three preceding years.

The current demand, amounting to Rs. 1,30,595, was composed of Rs. 1,23,043 earned within the year, and Rs. 7,552 earned in the three preceding years, but not recoverable till 1890-91.

ARREARS.

50. The whole amount for recovery, including arrears, was Rs. 20,736 less than that in 1889-90, while the collections were only Rs. 986 less. In the following table arrear and current dues are distinguished, the sums composing the demand are distributed by the years in which they were earned, and the proportions of each year's earnings recovered or remitted are separately shown:—

Year.	Amount previously due and unrealized.	Amount falling due within the year.	Total amount due to end of the year.	Adjustment of the year.				Balance unrealized at end of the month of March 1891.	Percentage adjusted.
				Cash recoveries.	Remission authorized.	Written off as being irrecoverable.	Total.		
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.	Rs. A. P.	Per cent.
1886-87 ...	163 1 0	...	163 1 0	51 2 3	111 14 9	...	163 1 0	...	100
1887-88 ...	397 8 6	135 4 0	532 12 6	424 3 3	64 2 9	...	488 6 0	44 6 6	91·5
1888-89 ...	4,100 2 3	366 1 0	4,466 3 3	2,747 14 9	287 3 9	...	3,035 2 6	1,431 0 9	67·9
1889-90 ...	45,983 6 0	7,050 3 3	53,033 9 3	48,131 8 6	370 9 6	...	48,502 2 0	4,531 7 3	91·4
1890-91 ...	...	1,23,043 6 0	1,23,043 6 0	64,083 9 6	...	...	64,083 9 6	58,959 12 6	52·0
Total ...	50,644 1 9	1,30,594 14 3	1,81,239 0 0	1,15,438 6 3	833 14 9	...	1,16,272 5 0	64,966 11 0	64·1

Fair progress has been made in the recovery of outstanding arrears. The collection of the current demand has not been so good. The Deputy Revenue Superintendent attributes this to continual heavy rain for 12 days in March, which stopped collections at a busy time. The Commissioner, however, is of opinion that this explanation is not sufficient.

REMISSIONS.

51. In the report of the Deputy Revenue Superintendent the following classification of the remissions granted is given:—

		Rs.	A.	P.
By Collector under clause 1, rule 22, on account of failure to supply water	...	367	14	3
Remissions granted by officers disposing of certificate objection cases	...	377	15	0
By demands shown twice over by mistake	...	248	14	3
Total	...	994	11	6

Of this sum Rs. 160 are for miscellaneous revenue. Deducting this amount from the total remissions, there remains a balance of Rs. 833-14-9, which is the figure shown in the foregoing statements.

CERTIFICATES.

52. The following table shows the number of certificates issued and disposed of during the year:—

	Midnapore.			
	1889-90.		1890-91.	
	Number.	Amount.	Number.	Amount.
Cases for disposal.		Rs.		Rs
1. Cases pending at the close of the preceding year	7,185	...	3,444	16,195
2. Cases instituted during the year	12,398	...	7,664	32,944
Total ...	19,583	...	11,108	49,139
Cases disposed of—				
1. By being struck off owing to the demand having been remitted.	4,467	...	3,839	26,396
2. By being wholly satisfied	11,672	...	5,311	16,658
Total ...	16,139	...	9,150	43,054
Balance outstanding at the close of the year ...	3,444	...	1,958	6,085

Of the 3,839 cases struck off, 2,742 were for surreptitious irrigation, the amount in connection with these being large, as the rate charged had been Rs. 5 per acre. The Commissioner remarks:—

"The system of assessment and lease of lands illicitly irrigated that prevailed in the district having been found to be illegal, as noticed in paragraph 11 of last year's report, a correct procedure was introduced, though after the close of the year, with the approval of Government contained in its No. 12511, dated 22nd August 1891. This change in the procedure will, it is hoped, tend to reduce the number of certificates which used to be filed against the illicit receivers of canal water, but were subsequently cancelled on commutation of the penalty rates to ordinary five years' leases."

COMPLAINTS.

53. The following table shows the number of complaints filed during the year and how they have been disposed of:—

Division.	(I) ORDINARY REMISSION.				(II TO IV) OTHER COMPLAINTS.				Total complaints received during year, excluding those pending from previous year.	Pending on 1st April 1891.
	Received during the year and pending from previous year.	Disposed of.		Pending.	Received during the year and pending from last year.	Disposed of.		Pending.		
		Remission allowed.	Remission refused.			Allowed.	Rejected.			
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Midnapore ...	1,084	238	743	103	314	59	188	67	1,250	170

On the 1st April 1890, 148 complaints were pending, 1,250 were received during the year as compared with 1,415 in the previous year, making a total of 1,398, of which 1,105 were disposed of during the year, 26·8 per cent. being established and 73 2 per cent. being rejected.

REVENUE ESTABLISHMENT.

54. The cost of the revenue establishment during the year, as compared with three previous years, is given below:—

Establishment under the Collector.	1887-88.	1888-89.	1889-90	1890-91.
	Rs.	Rs.	Rs.	Rs.
Superior Officers and permanent and temporary establishment, including travelling allowances.	20,192	21,134	19,588	20,406
Contingencies	1,372	1,459	1,253	1,260
Headmen's fees	36	2,135	49	60
Total ..	21,600	24,728	20,890	21,726

In addition the sums paid by the Executive Engineer for water-regulation were—

	Water-regulation.	
	Permanent.	Temporary.
	Rs.	Rs.
1887-88	572	625
1888-89	546	653
1889-90	480	533
1890-91	488	595

The above figures are those of the Examiner. The Commissioner in his report gives the cost of establishment as Rs. 21,916.* He remarks—

"The cost of collection rose from Rs. 20,890, or 15·9, to Rs. 21,916, or 17·9 per cent. on the amount recovered during 1890-91. The increase was due to the payment of establishment charges for February 1890 in April 1890, and of the arrears of zilladars' conveyance allowances during the year."

* Includes Rs. 190 Tehsil office repair charges.

NAVIGATION.

55. The receipts under the head of Navigation show a decline from Rs. 1,48,164 to Rs. 1,12,754. The tolls realised from the Calcutta Steam Navigation Company during the year fell from Rs. 28,947 to Rs. 21,274, as also the revenue from native crafts from Rs. 1,16,409 to Rs. 89,556. The usual particulars regarding the traffic carried in vessels, other than those of the company, for the last ten years are given below:—

DESCRIPTION.		1881-82.	1882-83.	1883-84.	1884-85.	1885-86.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
Miles open	No.	53	53	53	53	53	53	53	53	53	53
Toll collections ...	Rs.	98,060	1,06,157	1,08,931	1,19,797	1,25,331	1,01,054	1,08,460	1,25,332	1,16,409	(a)89,556
Rate of toll per mile	„	1,850	2,002	2,055	2,260	2,364	1,906	2,046	2,365	2,196	1,690
Number of boats, including empty boats	No.	51,408	52,554	52,060	47,653	42,240	45,799	49,628	54,214	52,[illegible]	45,054
Tonnage of boats ..	Tons.	332,325	360,973	382,979	412,379	372,608	387,410	409,866	470,806	462,418	417,803
Passengers carried ...	No.	202,029	181,251	170,745	111,257	122,094	(b)112,13[illegible]	(c)73,784	(d)81,940	(e)79,829	(f)82,340
Estimated value of cargo, including rafts	Rs.	1,47,79,798	1,09,43,032	1,79,53,400	1,57,52,997	1,27,22,175	97,25,587	1,18,44,844	1,31,70,269	1,45,12,442	1,48,33,391

(a) Exclusive of tolls, Rs. 21,274 paid by the Calcutta Steam Navigation Company.
(b), (c), (d), (e), and (f) Exclusive of passengers 90,443, 86,783, 85,319, 96,397, and 105,300 carried by the Calcutta Steam Navigation Company's steamers.

The Superintending Engineer writes as follows regarding the falling off in tollage:—

"The revenue from tolls on private boats shows a falling off of Rs. 26,853 as compared with that of the previous year. The tolls realised from steamers also show a decrease of Rs. 7,673. The receipts are less than those of any year since 1882-83, except the year 1886-87, when the market was generally dull. There was also a large falling off in the number of boats plying in the canal. The Executive Engineer states:—'The cause of this must be chiefly attributed to the Calcutta Steam Navigation Company entering into active competition with country-boats. They have of late practically got the monopoly of the through canal traffic to Calcutta. This would not matter much to us if they paid us the same tolls as is charged for native boats, but as they only pay two-fifths of the full tollage, it will be seen that every 100 maunds of goods they divert from country-boats means a loss of three-fifths of the tolls which would have come to us had country-boats carried the goods. There is no doubt that before very long native cargo boats will cease to ply between Midnapore and Calcutta. As it is, all the large Nattore boats have left the canal, as they were unable to compete with the steamers The Calcutta Steam Navigation Company should undoubtedly pay us full tolls on their cargo boats at least, if not on their steamers as well. When it is considered that the cost of the maintenance of the canals has been considerably increased since the steamer service was started, owing to the great damage caused by them to the canal banks and locks, it is not too much to ask them to pay the same tolls for their flats as country boats pay. Among the other causes which have contributed in a lesser degree to a falling off in the navigation receipts during the year may be mentioned the closure of the canal from Mohunpore to Ballychuck from 20th April to 10th May 1890, and from Kantapooker to Uluberriah from 5th to 31st March 1891 for silt clearance and repairs to locks."

MISCELLANEOUS RECEIPTS

56. The miscellaneous receipts for the last five years are given in the following statement:—

DETAILS.		1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
		Rs.	Rs.	Rs.	Rs.	Rs.
Sale of water		...	...	...	...	...
Plantations		34	44	...	35	52
Other canal produce ...		20	154	4	299	37
Water-power		...	...	...	...	...
Rent of buildings ...		624	534	727	738	721
Fines		5	...	...	...	...
Miscellaneous	Rent of lands	6,757	8,268	7,182	7,984	6,079
	„ of fisheries	1,302	1,440	1,084	812	736
	Cost of process	3,471	3,023	1,113	2,400	1,009
	Other items...	3,445	3,504	1,189	748	370
Total ...		15,658	16,967	11,299	13,016	9,004

The revenue collected during the year was Rs. 4,896 less than in the previous year. The sum collected by the Deputy Revenue Superintendent was Rs. 6,918, of which Rs. 2,772 was for arrears. The percentage of collection was Rs. 66·67 on the amount recoverable.

MAINTENANCE AND REPAIRS.

57. The actual cost of maintenance and repairs during the last three years is distributed by sub-heads as shown below—

		1888-89.	1889-90.	1890-91.
		Rs.	Rs.	Rs.
Head works, including buildings	...	13,903	10,541	11,610
Main canal and branches	...	65,216	77,488	77,323
Distributaries ...	...	22,464	19,769	11,851
Drainage and protective works	...	2,113	2,262	1,151
Working steamers ...	...	2,443	3,447	3,103
Total	...	1,06,139	1,13,507	1,05,038

HEAD WORKS AND WEIRS.

The expenditure on the Midnapore head works was Rs. 7,120, and on the Panchkoorah head works Rs. 4,490. The expenditure on weirs was Re. 0·86 per foot run of the Midnapore weir, and Re. 0·79 of the Panchkoorah weir, against Re. 1·38 and Re. 0·60, respectively, last year.

MAIN CANAL.

The outlay on repairs to the main canal, including that on head works, on working steamers, and on drainage works, was Rs. 93,187, against Rs. 93,738 in the previous year. The Superintending Engineer remarks:—

"There was a slight reduction in the mileage rate of maintenance over that of the previous year, although the quantity of earthwork (silt clearance) executed was considerably in excess of that usually carried out."

DISTRIBUTARIES.

On distributaries the expenditure on repairs was Rs. 11,851, or Rs. 41 per mile, against Rs. 19,769, or Rs. 69 per mile, in the previous year. The saving was effected mainly under earthwork. In the following table mileage rates for the last ten years, both for main canals and distributaries, are shown:—

Year.		Main Canal and Head Works, &c.			Distributaries.		
		Length of canal open.	Total cost of work.	Rate per mile.	Length of distributary channels.	Total cost of work.	Rate per mile.
		Miles.	Rs.	Rs.	Miles.	Rs.	Rs.
1881-82	...	48	1,03,910	2,164	277	11,864	42
1882-83	...	48	1,01,821	2,121	277	20,407	73
1883-84	...	48	1,06,425	2,216	277	21,195	76
1884-85	..	48	1,15,171	2,399	277	18,865	68
1885-86	...	48	1,10,350	2,299	277	14,424	52
1886-87	...	48	1,20,136	2,503	283	17,617	63
1887-88	...	48	1,10,494	2,301	283	20,687	74
1888-89	...	48	83,675	1,743	283	22,464	79
1889-90	...	48	93,738	1,953	283	19,769	69
1890-91	...	48	93,187	1,941	283	11,851	41

The expenditure on distributaries is less this year under all heads. The main decrease is, however, on earthwork, the cost of which was only Rs 6,925, against Rs. 13,490 in the previous year and Rs. 14,197, the average cost of the four preceding years.

DREDGING AND SILT CLEARING.

58. The amount of silt cleared by dredgers, excavators, and hand labour during the year 1890-91 and the two previous years is shown below:—

	1890-91.		1889-90.		1888-89.	
	Quantity.	Rate.	Quantity.	Rate.	Quantity.	Rate.
	C. ft.	Rs. A. P.	C. ft.	Rs. A. P.	C. ft.	Rs. A. P.
Silt cleard in 1st reach by hand labour	1,618,051	4 11 9°/₀₀	2,656,004	4 14 6°/₀₀	1,755,000	8 12 6°/₀₀
Silt cleared by dredgers in 7th and 8th reaches and entrances to locks	5,159,375	5 6 10°/₀₀	5,267,703	5 10 3°/₀₀	4,176,765	6 5 1°/₀₀
Silt cleared by excavators and hand in various places ...	826,651	5 5 9°/₀₀	3,479,500	5 8 8°/₀₀	1,981,281	5 5 1°/₀₀

The quantities are considerably less than in the previous year and the rate is also less in the heavier items.

The statement below shows the work done and the cost of working steam-dredgers during the year under review:—

NAME OF DREDGER.	Quantity of earth dredged.	Actual cost of lifting.	COST OF REMOVING		Total.	Lifting rate per 1,000 cubic feet.	Removing rate per 1,000 cubic feet.	Total rate per 1,000 cubic feet.
			Steam hopper-barges.	Ordinary hopper-barges.				
	C. ft.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Hector dredger	1,216,123	5,802	2,378	9	8,189	4 12 4	1 15 4	6 11 8
Ajax ditto	1,774,932	6,541	2,682	13	9,236	3 10 11	1 8 3	5 3 3
Atlas ditto	1,657,880	6,148	2,522	12	8,682	3 11 4	1 8 5	5 3 9
Cadmus steam excavator ...	510,440	1,909	...	...	1,909	3 11 10	...	3 11 10
Total for 1890-91	5,159,375	20,400	7,582	34	28,016	3·95	1·47	5·43
Total for 1889-90	5,267,703	22,614	7,148	...	29,762	4·29	1·35	5·64

REPAIRS TO DREDGERS.

The expenditure on tools and plant, which mainly consists of the cost of repairs to dredgers, was Rs. 23,929 against Rs. 27,612 in the previous year.

PLANTATIONS.

59. The state of the plantations for the last two years is shown in the following statement:—

YEAR.	Trees upwards of 12 feet high.	Saplings between 4 and 12 feet.	Seedlings below 4 feet.	Total.
	No.	No.	No.	No.
1889-90 ...	8,076	8,592	6,601	23,269
1890-91 ...	9,706	10,705	3,141	23,552

GENERAL RESULTS.

60. In the financial statement in paragraph 41 it is shown that the working of the Midnapore Canal in 1890-91 gave a net revenue of Rs. 28,131 compared with Rs. 68,617 in 1889 90. The reduction of receipts occurs under all heads, but mainly under the head Navigation, in which there is a decrease of Rs. 37,334. The cost of working expenses is very nearly the same as in the previous year.

HIDGELLEE TIDAL CANAL.

CAPITAL ACCOUNT.

61. The Capital, Interest and Revenue Accounts of this Canal are given below:—.

I.—CAPITAL ACCOUNT.

HEADS OF ACCOUNT.	Outlay during 1890-91.	Outlay to end of 1890-91.
DIRECT CHARGES.	Rs.	Rs.
I.—Works	99,423	14,14,304
II.—Establishment	35,978	4,84,026
III.—Tools and plant	17,483	77,582
IV.—Suspense accounts	......	......
Loss by exchange	......	22,790
Total ...	1,52,884	19,98,702
V.—*Less*—Receipts on capital account	... ..	915
Net total direct charges ...	1,52,884	19,97,787
INDIRECT CHARGES.		
Capitalization of abatement of land revenue	.. ...	11,210
Leave and pension allowances	5,037	38,390
Total indirect charges ...	5,037	49,600

In the year 1888-89 an estimate, amounting to Rs. 7,91,963 (direct and indirect charges), was sanctioned to provide for certain alterations required in

this canal to prevent frequent closures for the purpose of silt clearance, and so avoid the double loss caused, *first*, by the expense of removing the silt and, *second* by the interruption of traffic. The main features of the scheme were to lower the bed level of Ranges I and II, to construct a new supply channel to Range I, which may be laid dry for silt clearance without interrupting traffic, to feed Range II by a pipe connected with the first reach of the Orissa Coast Canal, and to build a new lock on the Russulpore river. The work was commenced in 1889-90, Rs. 49,414 being spent in that year. During 1890-91, as shown above, Rs. 1,52,884 was expended (direct charges only). The supply sluice for Range I was built up to floor-level, and the supply-channel from it was three-fourths completed. In Range II about one-third of the work of lowering the bed level was done. The parts of the scheme involving a new lock and a pipe supply to Range II, are at present in abeyance, as they depend on the possibility of keeping open the Russulpore river, which has silted up to such an extent as to threaten *extinction* of the passage between the locks on its two banks. This matter is being considered in connection with the present drainage scheme for the South Midnapore district, and a decision on this must be arrived at before the supply of Range II and the junction of the new proposed lock can be disposed of.

INTEREST ACCOUNT.

2.—INTEREST ACCOUNT.

			Rs.
Interest charges to end of 1889 90	...	...	14,03,591
Ditto for 1890-91	...	...	76,854
	Total	...	14,80,445

REVENUE ACCOUNT.

III.—REVENUE ACCOUNT (Actuals).

	Expenditure.			Receipts.	
	During 1889-90.	During 1890-91.		During 1889-90.	During 1890-91.
DIRECT CHARGES.	Rs.	Rs.		Rs.	Rs.
I.—*Works, maintenance, and repairs.*					
Works (extensions and improvements) ...	...	...			
Maintenance and repairs	16,713	27,012	Water-rates ...	...	...
Establishment, including direction and accounts	4,157	8,636	Navigation ...	40,338	27,145
Tools and plant ...	1,806	13,487	Miscellaneous ..	1,614	899
Total ...	22,676	49,135			
II.—*Revenue management.*			Total ...	41,952	28,044
Navigation establishment	3,039	2,833	*Less*—Refunds of revenue ...	...	...
Total direct charges ...	25,715	51,968			
INDIRECT CHARGES.			Net Total receipts..	41,952	28,044
Capitalized abatement of land revenue ...	...	...			
Leave and pension allowances	1,007	1,606			
Total indirect charges ...	1,007	1,606			
Total working expenses	26,722	53,574			
Net revenue ...	+15,230	—25,530			
Total ...	41,952	28,044			

62. The following statement shows the receipts on revenue account and working expenses for the last ten years :—

FINANCIAL RESULTS.

PARTICULARS.	1881-82.	1882-83.	1883-84.	1884-85.	1885-86.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
Receipts.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Navigation	45,848	43,694	62,317	41,382	52,143	51,904	40,406	53,921	40,338	27,145
Miscellaneous	1,446	1,338	1,273	2,125	312	2,500	1,452	1,249	1,614	899
Total ...	47,294	45,032	63,590	43,507	52,455	54,404	41,858	55,170	41,952	28,044
Less—Refunds of revenue ..	......	......	......	......	......	910	......	73	......	......
Total receipts ...	47,294	45,032	63,590	43,507	52,455	53,494	41,858	55,097	41,952	28,044
WORKING EXPENSES.										
DIRECT CHARGES.										
I.—Works, Maintenance, and repairs.										
Works	1,147	...	...	...	...	..	...	1,718	...	...
Repairs	18,331	29,460	32,934	26,862	34,099	11,988	47,928	50,920	16,713	27,012
Establishment, including direction and accounts ...	4,497	6,775	7,588	6,178	7,843	2,756	11,855	16,572	4,157	8,696
Tools and plant	1,834	1,362	2,784	292	3,524	4,155	2,105	2,868	1,806	13,487
Total ...	25,809	37,597	43,366	33,332	45,466	18,899	61,888	72,078	22,676	49,135
II.—Revenue management.										
Navigation establishment ...	2,869	2,973	3,215	3,554	3,143	3,026	3,007	3,195	3,039	2,833
Total direct charges ...	28,678	40,570	46,581	36,886	48,609	21,925	64,895	75,273	25,715	51,968
Indirect charges	1,306	1,327	1,512	1,362	1,538	810	2,081	2,767	1,007	1,606
Total working expenses ...	29,984	41,897	48,093	38,248	50,147	22,735	66,976	78,040	26,722	53,574
Net revenue ...	17,310	3,135	15,497	5,259	2,308	30,756	(—)25,118	(—)22,943	15,230	(—)25,530

The increased expenditure on maintenance was due to extensive silt clearance being necessary and to the locks at Gewankhally and Etamogra having been thoroughly repaired.

The heavy charge for tools and plant was due to extensive repairs being required to the Bruce's dredger and hopper-barges, also to half the cost of a slip for boats at the Balasore Workshops being charged to this account.

RAINFALL.

63. The rainfall at Contai station was 75·32 inches against 57·53 inches in 1889-90. The fall was very heavy during the months of September and October.

FLOODS.

64. Owing to heavy rain in the months of September and October, the country along the banks of the canal was flooded, but no damage of any consequence was done either to the works or the crops.

NAVIGATION.

65. The usual particulars regarding the traffic on the Hidgellee Tidal Canal carried in vessels other than those of the Calcutta Steam Navigation Company during the last ten years are given in the following statement:—

PARTICULARS.		1881-82.	1882-83.	1883-84.	1884-85.	1885-86.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
Miles open	No.	29	29	29	29	29	29	29	29	29	29
Toll collections ...	Rs.	45,848	43,694	62,317	41,382	52,143	(*a*)50,301	(*b*)38,814	(*c*)49,320	(*d*)34,818	(*e*)23,799
Rate of toll per mile	..	1,581	1,510	2,148	1,427	1,798	1,734	1,338	1,700	1,200	821
Number of boats, including empty boats	No.	20,057	17,445	22,728	17,660	19,316	17,542	13,503	16,481	13,785	10,215
Tonnage of boats ...	Tons.	133,020	132,884	196,764	145,424	163,535	149,747	124,903	165,635	124,605	91,114
Passengers carried ...	No.	3,286	3,510	...	...	...	8,509	11,951	34,032	(*f*)6,979	(*g*)4,866
Estimated value of cargo, including rafts	Rs.	21,19,855	23,83,244	30,42,029	30,06,852	32,74,961	31,48,826	26,13,351	33,01,123	27,29,720	20,78,972

(*a*), (*b*), (*c*), (*d*), and (*e*) Exclusive of tolls, Rs. 1,603, Rs. 1,592, Rs. 4,590, Rs. 5,523, and Rs. 3,346 paid by the Calcutta Steam Navigation Company.

(*f*) and (*g*) Exclusive of passengers, 23,243 and 17,554 carried by the Company's steamers.

The heavy decline in the tollage receipts in the case of the private boats from Rs. 34,815 to Rs. 23,799, and in that of the Company's steamers from Rs. 5,523 to Rs. 3,346, was entirely due to the closure of Ranges I and II of the canal for 6½ and 3 months respectively for silt clearance.

MISCELLANEOUS RECEIPTS.

66. The miscellaneous receipts for the last five years are shown in the following statement:—

DETAILS.		1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
		Rs.	Rs.	Rs.	Rs.	Rs.
Sales of water ...		...	...	...	...	...
Plantations ..		102	70	64	62	68
Other canal produce		2,159	1,085	...	...	5
Water-power ...		...	...	...	...	...
Rent of buildings		223	245	226	181	244
Fines ...		...	...	...	...	...
Miscellaneous	Rent of lands	...	...	...	18	56
	" of fisheries	...	52	955	1,198	514
	Cost of process	...	...	...	...	..
	Sales of old materials	...	...	4	144	4
	Other items	16	...	...	11	8
Total ...		2,500	1,452	1,249	1,614	899

The receipts during the year show a decline of Rs. 899 mainly in item fisheries, which is due to the closure of the canal for a longer period.

DREDGING.

67. There was no dredging work, as the silt was removed by hand-labour during the closure of canal.

PLANTATIONS.

68. The state of the plantations for the last two years is shown in the following statement:—

YEAR.	Trees over 12 feet in height.	Saplings between 4 and 12 feet.	Seedlings under 4 feet.	TOTAL.
	No.	No.	No.	No.
1889-90	1,830	2,841	2,049	6,720
1890-91	1,883	2,845	1,776	6,504

The decrease in the number of trees during the year was chiefly owing to the death of cocoanut trees caused by drought. The expenditure during the year was Rs. 383 against Rs. 390, and the revenue was Rs. 68 against Rs. 62.

SONE CANALS.

The figures in all statements showing totals of receipts or expenditure are those of the Examiner of Accounts. In dealing with details the figures of the Commissioner or of the Superintending Engineer are used.

CAPITAL ACCOUNT

69. The Capital, Interest and Revenue Accounts of these canals are given below:—

I.—CAPITAL ACCOUNT.

HEADS OF ACCOUNT.	Outlay during 1890-91.	Outlay to end of 1890-91.
DIRECT CHARGES.	Rs.	Rs.
I.—Works ...	1,32,699	1,84,17,825
II.—Establishment ...	19,850	51,29,956
III.—Tools and plant ...	6,411	21,28,567
IV.—Suspense accounts ...	14,716	1,71,364
Loss by exchange ...	......	52,240
Total ...	1,73,676	2,58,99,952
V.—*Less*—Receipts on capital account ...	2,315	3,71,956
Net total direct charges ...	1,71,361	2,55,27,996
INDIRECT CHARGES.		
Capitalization of abatement of land revenue ...	14	37,911
Leave and pension allowances ...	2,779	8,67,449
Total indirect charges ...	2,793	9,05,360

2.—INTEREST ACCOUNT.

INTEREST ACCOUNT.

		Rs.
Interest charges to end of 1889-90	... ...	1,45,45,132
Ditto for 1890-91	... ...	10,17,693
Total	...	1,55,62,825

With respect to the above outlay on works of Rs. 1,32,699 spent during the year under review, the Superintending Engineer writes:—

"The progress made with original works during the year was satisfactory, the expenditure being slightly in excess of the provision made in the budget and revised estimates. The chief works under construction during the year were the Chowri and Chowsa drainage cuts, and the Kuttea escape, all of which were practically completed at its close. It having been determined that permanent outlets and village channel-crossings should be constructed as part of the canal system, estimates for the number required were sanctioned during the year and many completed. The masonry drain from the canal to the river at Baroon, the toll office and dredger sheds at that place, the drainage cut at mile 7, Doomraon Canal, the inlet at that place, three rest-sheds in the Arrah Division, and other minor works were completed. Besides the permanent outlets and village channel-crossings already alluded to, the most important works in progress at the close of the year were the Kujhi drainage cut and the additional weir at lock No. II, Patna Canal. The latter work was completed in May 1891."

It has been decided that the time has arrived for closing the account of the capital expenditure chargeable to Imperial funds on these canals. The unspent balance of estimates already sanctioned amounted on 1st April 1891 to Rs. 6,16,733.

3—REVENUE ACCOUNT (ACTUALS).

REVENUE ACCOUNT.

	EXPENDITURE—			RECEIPTS—	
	During 1889-90.	During 1890-91.		During 1889-90.	During 1890-91.
DIRECT CHARGES.	Rs.	Rs.		Rs.	Rs.
I.— Works, Maintenance and Repairs.					
Works (extensions and improvements).	4,712	3,263	Water-rates ...	8,16,394	6,44,718
Maintenance and repairs	2,92,131	2,72,663	Navigation ...	57,759	65,629
Compensation ...	861	168	Miscellaneous ...	23,342	26,128
Establishment, including direction and accounts.	1,82,667	1,88,895	Total ...	8,97,495	7,36,475
Tools and plant ...	33,460	28,527	*Less.*—Refunds of revenue.	16,520	7,305
Total ...	5,13,831	4,93,516			
II.—Revenue management.					
Irrigation establishment.	1,52,823	1,45,528			
Navigation ditto ...	14,305	14,242			
Total ..	1,67,128	1,59,770			
Total direct charges	6,80,959	6,53,286			
INDIRECT CHARGES.					
Capitalized abatement of land revenue.	...	...			
Leave and pension allowances.	48,971	48,813			
Total indirect charges	48,971	48,813			
Total Working Expenses.	7,29,930	7,02,099			
Profit	1,51,045	27,071			
Total ...	8,80,975	7,29,170	Total receipts ...	8,80,975	7,29,170

EARNINGS.

70. The net result calculated on the earnings as opposed to collections and actual outlay is shown below:—

		1889-90.			1890-91.
		Rs.			Rs.
Earnings	...	7,56,743			6,77,299
Outlay	...	7,29,930			7,02,099
Profit	...	26,813	Loss	...	24,800

The figures given as earnings include the actual realizations of navigation and miscellaneous revenue with the assessed revenue from irrigation, less refunds.

The following compares the amounts earned and collected (less refunds) for the year under review and the preceding year:—

	Irrigated area.	Earned.	Collected.
	Acres.	Rs.	Rs.
1889-90	3,05,282	6,75,642	7,99,874
1890-91	2,81,014	5,85,542	6,37,413

The receipts for the last two years have been increased by the collection of outstanding arrears. The balance of such has now been much reduced.

FINANCIAL RESULTS.

71. The receipts on revenue account and working expenses of the canals for the year 1890-91 and the nine preceding years are shown in the statement below:—

	1881-82.	1882-83.	1883-84.	1884-85.	1885-86.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Receipts.										
Water-rates	6,03,930	5,66,455	4,84,209	7,70,359	9,78,323	8,26,461	5,19,586	7,59,556	8,16,394	6,44,718
Navigation	93,116	71,205	85,193	51,761	46,243	54,254	55,904	57,829	57,759	65,629
Miscellaneous	39,246	47,007	34,405	40,354	38,080	37,714	28,459	26,504	23,342	26,128
Total ...	7,36,292	6,84,677	6,03,807	8,62,474	10,62,646	9,18,429	6,03,949	8,43,889	8,97,495	7,36,475
Less—Refunds of revenue	1,329	1,237	5,429	7,455	10,657	15,737	15,331	12,611	16,520	7,305
Total receipts ...	7,34,963	6,83,440	5,98,378	8,55,019	10,51,989	9,02,692	5,88,618	8,31,278	8,80,975	7,29,170
WORKING EXPENSES.										
DIRECT CHARGES.										
I.—Works, Maintenance and Repairs.										
Works (extensions and improvements)	..	..	...	...	...	...	5,532	10,426	4,712	3,263
Repairs, including compensation	2,60,891	3,17,901	2,76,335	3,44,838	2,83,315	3,08,765	3,08,448	3,28,182	2,92,992	2,72,831
Establishment, including direction and accounts	63,913	73,042	63,477	79,300	65,163	71,066	* 2,10,227	1,97,677	1,82,667	1,88,895
Tools and plant .. .	3,199	11,898	34,983	26,175	32,451	27,698	28,221	33,920	33,460	28,527
Total .	3,28,032	4,02,841	3,74,795	4,50,313	3,80,929	4,07,529	5,52,428	5,70,205	5,13,831	4,93,516
II.—Revenue Management.										
Irrigation establishment	1,14,283	1,05,883	1,14,005	1,29,308	1,46,028	1,43,660	1,35,243	1,58,249	1,52,823	1,45,528
Navigation ditto ...	13,678	19,880	20,248	16,885	14,756	14,535	14,308	14,165	14,305	14,242
Total .	1,27,961	1,25,763	1,34,253	1,46,193	1,60,784	1,58,195	1,49,551	1,72,414	1,67,128	1,59,770
Total Direct Charges ...	4,55,993	5,28,604	5,09,048	5,96,506	5,41,713	5,65,724	7,01,979	7,42,619	6,80,959	6,53,286
INDIRECT CHARGES.										
Capitalization of abatement of land revenue ..	...	...	...	...	...	...	...	...	...	...
Leave and pension allowances	32,871	19,933	27,682	31,569	31,632	32,097	50,369	51,813	48,971	48,813
Total Indirect Charges ...	32,871	19,993	27,682	31,569	31,632	32,997	50,369	51,813	48,971	48,813
Total Working expenses	4,88,864	5,48,537	5,36,730	6,28,075	5,73,345	5,97,821	7,52,348	7,94,432	7,29,930	7,02,099
Net revenue ..	2,46,099	1,34,903	61,648	2,26,944	4,78,644	3,04,871	(−)1,63,730	36,846	1,51,045	27,071

NOTE.—The method of charging the cost of establishment was altered from 1887-88.

Compared with 1889-90 the receipts (less refunds) have fallen off from Rs. 8,80,975 to Rs. 7,29,170, that is by Rs. 1,51,805. The working expenses (direct charges) have been reduced from Rs. 6,80,959 to Rs. 6,53,286, or by Rs. 27,673. Including indirect charges, the net revenue has fallen from Rs. 1,51,045 to Rs. 27,071.

The falling off in the receipts occurs under the head Water-rates only, there having been an increase under Navigation and Miscellaneous. It is accounted for partly by reduced assessments owing to abundant rainfall, and partly by the outstanding arrear balance having been lower than in the previous year.

LENGTHS OF CANALS AND DISTRIBUTARIES.

72. The following table shows the lengths of canals and distributaries in operation, and the areas commanded, provided with distributaries, and irrigated at the close of the year 1890-91, compared with 1889-90:—

NAME OF CANAL.	1889-90. Navigable canals.	1889-90. Canals for irrigation only.	1889-90. Distributaries and village channels.	1889-90. Area protected from flood.	1889-90. Area under command.	1889-90. Area provided with distributaries.	1889-90. Area irrigated.	1889-90. Percentage of area irrigated to area provided with distributaries.	1890-91. Navigable canals.	1890-91. Canals for irrigation only.	1890-91. Distributaries and village channels.	1890-91. Area protected from flood.	1890-91. Area under command.	1890-91. Area provided with distributaries.	1890-91. Area irrigated.	1890-91. Percentage of area irrigated to area provided with distributaries.
	Miles.	Miles.	Miles.	Acres.	Acres.	Acres.	Acres.		Miles.	Miles.	Miles.	Acres.	Acres.	Acres.	Acres.	
Eastern Sone Division. Eastern Main	7½	.	9	...	15,462	15,462	1,566	10	7½	...	9	..	15,462	15,462	1,646	10
Eastern Sone Division. Patna ...	79	..	349	...	390,693	385,537	58,475	15	79	..	349	...	390,693	385,537	59,656	15
	86½	.	358	..	406,155	400,999	60,041	15	86½		358	...	406,155	400,999	61,302	15
Arrah Division. Arrah	65¼		208	...	229,433	229,433	58,738	26	65¼		208	...	229,433	229,433	57,048	25
Arrah Division. Doomraon Branch ..	...	40½	149	...	209,817	209,817	42,277	20	...	40½	149	...	209,817	209,817	40,685	19
Arrah Division. Behea Branch . ..	...	31	110¾	.	179,104	179,104	44,723	25	...	31	110¾	...	179,104	179,104	42,074	23
	65¼	71½	467¾	..	618,354	618,354	145,738	23	65¼	71½	467¾	..	618,354	618,354	139,807	22
Dehree Workshops Division—Western Main	9			...	..	...	.	...	9	.	...	...	...	...	.	
Buxar Division. Western Main ...	12¼	..	43	...	84,480	84,480	21,107	10	12¼		43	...	84,480	84,480	18,682	9
Buxar Division. Gurra Chowbey Branch		38	56	...	173,440	114,522			.	38	56	...	173,440	114,522		
Buxar Division. Buxar	45½	..	165¼	...	233,600	2,004,067	78,396	23	45½		181	...	233,600	208,769	61,223	17
Buxar Division. Chowsa Branch ...	...	39¼	105	..	212,480	132,884			...	39¼	105	.	212,480	132,884		
	57¾	77¼	509½	.	704,000	535,953	99,503	18	57¾	77¼	385	.	704,000	540,655	79,905	15
SONE CANALS	218½	148¾	1,195	...	1,728,509	1,555,306	305,282	19	218½	148¾	1,210¾	...	1,728,509	1,560,008	281,014	18

The total of 1,210¾ miles of distributaries includes 14¾ miles of village channels in the Buxar Division. During the year 15¾ miles of distributaries, mostly parallel channels of the Buxar canal, were added to those already in operation.

VILLAGE CHANNELS AND OUTLETS.

73. The following statement shows the progress made in the construction of village channels and of permanent outlets:—

DIVISION.	Total length of village channels completed.	Total number of temporary and permanent outlets.	Number of permanent outlets.
	Miles	No.	No.
Eastern Sone	341¼	1,623	335
Arrah	820	2,039	993
Buxar	462½	918	400
Total, 1890-91 ..	1,623¾	4,580	1,728
Total, 1889-90 ...	1,622¼	4,596	1,605

The total length of village channels and the total number of outlets remain very nearly the same as in the previous year.

The number of permanent outlets has been increased by 123, chiefly in the Arrah and Buxar Divisions.

RAINFALL.

74. The following statements furnish the rainfall statistics of the Sone Canal system and the distribution by canal divisions for the last five years:—

		Average of 22 stations.				
		1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
		Inches.	Inches.	Inches.	Inches.	Inches.
Kharif season	August ...	11·73	9·48	18·49	12·01	14·47
	September...	12·51	5·24	7·35	5·90	6·58
	October ...	8·33	4·18	0·18	0·79	0·99
	Total ...	32·57	18·90	26·02	18·70	22·04
Rabi season	November ..	0·23	......	0·46	0·48	......
	December ...	0·22	......	......	......	0·01
	January ...	1·47	1·09	1·22	......	1·69
	February ...	......	......	1·30	0·01	0·39
	Total ...	1·92	1·09	2·98	0·49	2·09
Whole year ...		59·34	40·31	47·34	39·27	52·86

The average rainfall for twenty years is 41·70 inches.

The Superintending Engineer writes:—

"The season was as regards rainfall a favourable one, the total rainfall of the year being 10·53 inches in excess of the average. It was well distributed, commencing early and continuing at favourable intervals during the kharif season, and during the rabi season being somewhat in excess of the normal fall."

FLOODS.

75. The levels of the highest floods in the rivers Sone and Ganges during the year are recorded in the statements below, the figures being the height in feet above mean sea level:—

RIVER SONE.

Locality.	1890-91—16th August 1890.		1889-90—19th August 1889.		Highest known 1876-77—7th July 1876.	
	Above weir.	Below weir.	Above weir.	Below weir.	Above weir.	Below weir.
Dehree ...	336·30	333·40	338·90	337·80	342·10	341·00
Baroon ...	337·70	335·30	340·10	338·50	343·50	342·70

RIVER GANGES.

Locality.	Date.	Reading.	Highest known since 1874.	
			Date.	Reading.
Buxar	20th August 1890 ...	200·05	6th August 1875 ...	200·71
Deegah	21st August 1890 ...	168·00	14th August 1879 ..	169·20
Hajipore, confluence of rivers Ganges and Gunduk ...	21st August 1890 ...	164·40	August 1879 ...	166·20

IRRIGATION.

76. The irrigation for ten years together with the rain fall is shown below:—

Year.	Kharif.	Rabi.	Perennial.	Total.	Rainfall.
	Acres.	Acres.	Acres.	Acres.	Inches.
1881-82 ...	98,595	57,589	21,891	178,075	43·05
1882-83 ...	125,159	25,935	22,730	173,824	34·47
1883-84 ...	215,790	117,960	16,864	350,614	32·91
1884-85 ...	246,740	100,239	23,682	370,661	31·37
1885-86 ...	217,072	87,936	27,562	332,570	44·52
1886-87 ..	177,510	60,639	30,055	268,204	58·84
1887-88 ...	220,428	69,945	25,007	315,380	40·18
1888-89 ...	238,895	100,142	16,872	355,909	45·43
1889-90 ...	230,741	55,613	18,928	305,282	49·65
1890-91 ...	211,726	51,318	17,970	281,014	52·23

Regarding the irrigation of the year, the Superintending Engineer writes :—

"Compared with the previous year, there was a slight falling off under 1,000 acres in the area irrigated under five-year lease, a diminution of nearly 50 per cent. in the area under annual kharif leases, and a reduction of about one-third in the hot-weather irrigation. The area irrigated during the rabi season was much the same as during the previous year despite the more favourable rainfall. The rainfall was greater and the area irrigated less than in any year since 1883-84 with the exception of 1886-87, when the rainfall was greater and the area irrigated less than during the year under review. The most satisfactory feature of the year's irrigation was the steadiness in the area under long leases. The area under lease on the 1st of April was 189,316 acres, and permits were issued during the year for 34,124 acres, applications for 22,783 acres being for various causes declined or not completed by the applicants."

77. The areas irrigated during the year 1890-91 and the two previous years, distinguishing between five-year leases and annual leases, are shown in the following table :—

Crop.		1888-89.	1889-90.	1890-91.
		Acres.	Acres.	Acres.
Kharif	Five-year leases ...	154,825	174,780	189,227
	Annual leases ...	69,628	41,917	22,499
	Total ...	224,453	216,697	211,726
Rabi	Five-year leases ..	27,408	31,128	20,761
	Annual leases ...	69,817	20,336	20,632
	Total ...	97,225	51,464	41,393
Sugarcane	Five-year leases ...	17,869	18,360	13,568
	Annual leases ...	4,600	5,004	4,402
	Total ...	22,469	23,364	17,970
Hot-weather ...	...	11,762	13,757	9,925
Grand Total	...	355,909	305,282	281,014
Total five-year leases	...	200,102	224,268	223,556
,, Annual leases		155,807	81,014	57,458

In determining the areas of kharif, rabi, and sugarcane in five-year leases, the figures obtained at the time of executing the leases are assumed to hold good throughout. The proportionate areas of the crops named, assumed for the year 1890-91, are given below :—

Division.	Rice.	Sugarcane.	Rabi.	Total.
Arrah	85·4	7·4	7·2	100·0
Buxar	78·2	6·1	15·7	100·0
Eastern Sone ...	93·1	2·6	4·3	100·0

In the case of the Arrah Division, where this method has been in use for five years, the proportion remains very nearly the same as given in last year's report. In the case of the Buxar and Eastern Sone Divisions, where the requisite information has only been recorded for two years and one year, respectively, there is a considerable change from the proportions hitherto assumed, showing that the area under rice has been under-estimated, and that under sugarcane and rabi has been over-estimated.

78. The areas irrigated in each division during the last five years are shown by crops below:—

Year.	Eastern Sone Division.				Arrah Division.				Buxar Division.				Total for all Divisions.			
	Annual leases.				Annual leases.				Annual leases.				Annual leases.			
	Kharif and rabi.	Sugarcane and hot-weather.	Five-year leases.	Total.	Kharif and rabi.	Sugarcane and hot-weather.	Five-year leases.	Total.	Kharif and rabi.	Sugarcane and hot-weather.	Five-year leases.	Total.	Kharif and rabi.	Sugarcane and hot-weather.	Five-year leases.	Total.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
1886-87 ...	11,869	1,316	34,194	47,379	21,710	20,300	98,737	140,747	13,165	5,288	61,625	80,078	46,744	26,904	194,556	268,204
1887-88 ...	20,399	679	40,123	61,201	25,982	13,079	102,423	141,484	38,715	6,362	67,618	112,695	85,096	20,120	210,164	315,380
1888-89 ...	29,470	408	37,117	66,995	52,269	11,591	101,489	165,349	57,706	4,363	61,496	123,565	139,445	16,362	200,102	355,909
1889-90 ...	18,829	295	40,917	60,041	24,265	13,416	108,057	145,738	19,159	5,050	75,294	99,503	62,253	18,701	224,268	305,282
1890-91 ...	14,682	504	46,116	61,302	20,423	10,385	108,999	139,807	8,026	3,438	68,441	79,905	43,131	14,327	223,556	281,014

The area irrigated during 1890-91 was 99·87 per cent. of the area leased. The proportion of flow to lift irrigation was 96·7 to 3·3.

DUTY OF WATER.

79. The following statement shows the duty obtained in the year under review and in the years 1889-90 and 1888-89:—

			Eastern Main Canal Series.	Arrah Canal System.	Buxar Canal System.	Western Main Canal Series.	Total Sone Canals.
1888-89	Kharif	Acres	57,535	121,799	76,433	198,232	255,767
		Duty on gross supply	**51·23**	**69·32**	**86·76**	**74·41**	**67·54**
	Rabi	Acres	11,038	44,597	49,617	94,214	105·252
		Duty on discharge utilized	**40·14**	**69·03**	**82·69**	**75·61**	**69·20**
1889-90	Kharif	Acres	54,875	115,888	78,906	194,794	249,669
		Duty on gross supply	**48·34**	**79·81**	**86·04**	**81·94**	**71·09**
	Rabi	Acres	6,801	30,867	23,116	53,983	60,784
		Duty on discharge utilized	**21·33**	**45·52**	**52·77**	**48·37**	**42·36**
1890-91	Kharif	Acres	56,600	112,584	60,512	173,096	229,696
		Duty on gross supply	**55·22**	**86·87**	**79·20**	**83·66**	**74·24**
	Rabi	Acres	6,735	30,492	22,136	52,628	59,363
		Duty on discharge utilized	**20·72**	**57·75**	**55·48**	**56·77**	**47·41**

The relative areas of kharif and rabi in five-years' leases have been recomputed and differ from those in report of previous year.

The increased duty in the kharif season is attributable to the abundant rainfall. Owing to this cause conditions were not favourable for making any experiments in the duty of water measured at the outlet.

The Superintending Engineer has given an account of some observations made in the Arrah Division with the view of ascertaining the loss of water in branch canals and distributaries.

The results arrived at, which can only be regarded as approximations, show a loss of 1 cubic foot per second per mile of the mean discharge in distributaries and 1·5 cubic feet per second per mile in branch canals.

The matter is of importance and requires further investigation, especially having in view the probable extension of long leases up to the limit of available supply and the construction of permanent outlets calculated to use up as exactly as possible such supply.

CROP EXPERIMENTS.

80. With respect to rice, the experiments were confined, as explained in last year's Revenue Report, to crops irrigated from the canal.

The results obtained were—

For good, that is, selected, crops, the average yield obtained in 124 experiments was 32 maunds 2 seers of grain and 82 maunds 30 seers of straw per acre. In 115 cases the lands had been continuously irrigated from the canal for five years and over.

For average crops the mean yield in 33 experiments was 21 maunds 17 seers of grain and 49 maunds 6 seers of straw per acre. In 31 cases the lands had been irrigated from the canal for more than five years.

The results of the experiments taken in the rabi season are tabulated below. The experiments were not numerous, and the results of these in different subdivisons have varied considerably.

The Superintending Engineer remarks that special attention will be paid to wheat in 1891-92:—

DIVISION.	Staple.	IRRIGATED WITH CANAL WATER.					IRRIGATED FROM OTHER SOURCES.				
		Number of experiments.	AVERAGE YIELD PER ACRE.				Number of experiments.	AVERAGE YIELD PER ACRE.			
			Grain.		Straw.			Grain.		Straw.	
			Maunds.	Seers.	Maunds.	Seers.		Maunds.	Seers.	Maunds.	Seers.
Eastern Sone	Wheat ...	24	9	.	14	10	23	5	20	8	32
Arrah	" ...	27	11	32	16	2	...	.	..	.	..
Buxar	" ...	11	9	16	14	39	2	6	28	8	39
Sone Circle average		62	10	11	15	6	25	5	8	8	35

81. The following statement shows the demands, collections and balance of water-rates for the last five years:— DEMANDS, COLLECTIONS, AND BALANCES.

YEAR.	Amount outstanding at commencement of year.	Amount falling due during the year.	Total or recovery.	Cash realization.	Remitted or written off.	Balance at the end of the year.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1886-87 ...	3,98,321	6,95,086	10,93,407	8,26,461	35,364	2,31,582
1887-88 ..	2,31,582	7,25,810	9,57,392	5,19,586	26,525	4,11,281
1888-89 ...	4,11,281	7,53,217	11,64,498	7,59,556	24,329	3,80,613
1889-90 ...	3,80,613	7,52,788	11,33,401	8,16,394	35,225	2,81,782
1890-91 ...	2,81,782	6,29,124	9,10,906	6,44,718	21,460	2,44,728

The amounts included in the current demand for the last three years as assessments for the unauthorised use of water, or for wastage of water are reported by the Superintending Engineer to be—

	1888-89.	1889-90.	1890-91.
	Rs.	Rs.	Rs.
For unauthorized use of water ...	7,699	913	4,240
For wastage of water ..	162	224	256

82. The following statement will show the extent to which the arrears as well as current demand have been worked off:— ARREARS.

	Demand of 1890-91 consisting of.	Collected or remitted in 1890-91.	Percentage of demand adjusted.	Unadjusted balance at close of year.
	Rs.	Rs.		Rs.
Arrears previous to 1888-89	32,733	19,636	59·9	13,097
Arrears of 1888-89	48,120	34,798	72·3	13,322
" " 1889-90	2,00,929	1,82,785	90·9	18,144
Total arrears outstanding on 1st April 1890 ...	2,81,782	2,37,219	84·1	44,563
Current demand for 1890-91	6,29,124	4,28,959	68·2	2,00,165
Total ...	9,10,906	6,66,178	73·1	2,44,728

There is on the whole a reduction on the outstanding balance of Rs. 37,054, which is satisfactory.

The progress in collections by districts is shewn in the following table:—

DISTRICT.	DEMAND.			ADJUSTMENTS.				Balance on 31st March 1891.	Percentage, column 8 on column 4.
	Arrears on 31st March 1890.	Current demand for 1890-91.	Total.	Collection.	Remission made by canal officers.	Written off as irrecoverable.	Total.		
1	2	3	4	5	6	7	8	9	10
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Patna	88,763	63,515	1,52,278	52,023	1,324	4,586	58,533	93,745	38·3
Gya	41,894	73,587	1,15,481	81,012	943	14	81,969	33,512	70·9
Shahabad	1,51,124	4,92,021	6,43,145	5,11,082	3,056	11,536	5,25,674	1,17,471	81·7
Total ..	2,81,781	6,29,123	9,10,904	6,44,717	5,323	16,136	6,66,176	2,44,728	73·1

As regards the Patna district the Commissioner remarks:—

"In this district the collections have been extremely unsatisfactory, owing partly to a defective system and partly to the inefficiency of the officer in charge. A Sub-Deputy Collector who has had experience of such work in Shahabad has been transferred to this duty, and there are signs of improvement, though these will be more evident later on."

83. The following compares by districts the operations of the year under review with those of the preceding year, arrears and current demand being shown separately:—

District.	Arrears due for irrigation effected in previous years. Percentage of total demand.				Demands for irrigation effected in 1890-91. Percentage of total demand.			
	Demand.	Collections.	Remissions.	Outstanding at end of year.	Demand.	Collections.	Remissions.	Outstanding at end of year.
Shahabad—								
1889-90 ...	100·0	74·9	9·8	15·2	100·0	80·8	0·4	18·7
1890-91 ...	100·0	79·8	8·8	11·2	100·0	85·1	0·2	14·5
Patna—								
1889-90 ...	100·0	48·7	8·5	42·6	100·0	26·1	0·2	73·6
1890-91 ...	100·0	50·3	6·6	43·1	100·0	12·4	0·07	87·5
Gya—								
1889-90 ...	100·0	86·5	0·7	12·7	100·0	52·6	0·4	46·9
1890-91 ...	100·0	91·3	0·2	8·4	100·0	58·6	1·1	40·1
Average—								
1889-90 ...	100·0	70·2	8·4	21·2	100·0	72·8	0·3	26·7
1890-91 ...	100·0	72·3	6·8	20·8	100·0	74·0	0·3	25·6

REMISSIONS.

84. In the returns submitted by the Examiner of Accounts, the sums remitted during the year under review and the preceding year are shown as below:—

	1889-90.	1890-91.
	Rs.	Rs.
By canal officers ...	6,830	5,324
By civil " ...	28,395	16,136
	35,225	21,460

In the figures supplied by the Superintending Engineer, refunds are treated as remissions:—

	Rs.
Written off as irrecoverable by civil officers	16,128
Remissions and refunds by canal officers	6,554
Extraordinary remissions	24
	22,706

Deducting the sums written off as irrecoverable, the remissions and refunds together amount to Rs. 6,578 sanctioned under the several heads given in the following table:—

Division.	Remitted owing to double assessment, land having been subsequently included in a five-year lease.	I. Failure of supply, rule 13.	II. Land not irrigated.	III. Proof of irrigation insufficient.	IV. Insufficiently irrigated.	V. Irrigated, but not liable to water-rates under the Act.	VI. Incorrect measurement.	VII. Charge incorrect, i.e., lift charge as flow, &c.	VIII. Names incorrect.	IX. Reduction of rate (rabi).	X. Other causes.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Eastern Sone	219	...	356	...	126	718	78	62	...	4	810	2,373
Arrah	...	214	263	109	36	34	404	630	...	...	...	1,690
Buxar	407	33	1,245	334	...	108	241	29	4	...	91	2,492
Extraordinary remissions	...	...	...	...	...	...	...	...	...	...	...	24
Total ...	626	247	1,864	443	162	860	723	721	4	4	901	6,579
1889-90	1,313	2,117	1,572	218	629	980	1,523	415	20	577	517	9,887
Extraordinary remission	...	...	...	...	...	...	...	...	...	...	...	11,094
												20,981

The remissions by canal officers may be divided thus :—

		Percentage of remissions and refunds to gross demand.	
		1889-90.	1890-91.
Eastern Sone Division	...	0·63	0·88
Arrah "	...	1·22	0·43
Buxar "	...	0·59	0·99

REVENUE ESTABLISHMENT.

85. The expenditure on the revenue establishments employed during the year under review and the three previous years is shown beolw :—

	1887-88.	1888-89.	1889-90.	1890-91.
Establishment under Collector.	Rs.	Rs.	Rs.	Rs.
Superior officers and permanent and temporary establishment, including travelling allowance.	28,218	30,438	31,299	31,941
Contingencies	2,248	2,878	2,522	2,398
Headmen's fees	27,629	28,362	28,603	24,501
Fees to patwaries	3,279	4,128	3,763	3,987
Establishment under Executive Engineer.				
Permanent and temporary establishment, including travelling allowances.	48,253	48,717	51,635	48,105
Contingencies	2,667	3,338	3,695	3,500
Water-regulation establishment ...	2,334	2,270	2,299	2,235
Headmen's fees	20,615	38,118	29,007	28,861
Total ...	1,35,243	1,58,249	1,52,823	1,45,528
Collections of water-rates and miscellaneous revenue by the Canal Revenue Department.	5,22,795	7,63,376	8,19,762	6,47,839
Percentage	25 8	20·7	18·6	22·3

The percentage of expenditure by Collectors to the collections realised is worked out for each district as below the figures being those of the Commissioner :—

		Cost of establishment.	Collections.	Percentage of cost to amount realised.
		Rs.	Rs.	Rs.
Patna	...	7,674	52,609	14·5
Gya	...	5,508	82,021	6·7
Shahabad	...	49,640	5,13,992	9·6
Total	...	62,822	6,48,622	9·6

COST OF MEASUREMENT, &c., PER ACRE.

86. The following statement shows the approximate cost of measuring lands brought under assessment during the year under review and of preparing demand statements:—

NAME OF DIVISION.	Areas measured and assessed.	COST OF MEASURING CROPS.		COST OF PREPARING DEMAND STATEMENTS.	
		Total.	Per acre.	Total.	Per acre.
	Acres.	Rs.	Pies.	Rs.	Pies.
Eastern Sone	23,194	589	4·87	730	6·04
Arrah	50,806	2,696	10·18	1,701	6·42
Buxar	17,698	1,505	16·33	870	9·44
Total, 1890-91 ...	91,698	4,790	10·03	3,301	6·91
Total, 1889-90 ...	150,315	6,681	8·40	5,184	6·62

87. The following table shows the cost per acre of assessments, including permanent and temporary establishments and headmen's fees:—

DIVISION.	Area assessed during the year.	CHARGE PER ACRE.			TOTAL.	
		Permanent establishment.	Temporary establishment.	Headmen's fees, liabilities on account of 1890-91.	1890-91.	1889-90.
	Acres.	Rs. A. P.	Rs A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Eastern Sone ...	23,194	0 5 10	0 1 5	0 4 1	0 11 5	0 9 1
Arrah	50,806	0 4 11	0 1 4	0 4 3	0 10 7	0 8 5
Buxar ...	17,698	0 10 5	0 1 10	0 7 1	1 3 0	0 7 8
Total, 1890-91 ...	91,698	0 6 2	0 1 6	0 4 9	0 12 6	0 8 3
Total, 1889-90 ...	1,50,315	0 3 9	0 1 4	0 3 1	...	...

The Superintending Engineer remarks as follows:—

"The high cost of establishment per acre is due to the comparatively small area brought under lease during the year, which bears most unfavourably in the Buxar Division. The permanent establishment is fixed with reference to the total area under irrigation, and the incidence per acre is high in those years in which comparatively few long leases are renewed. As regards temporary establishment, there has not been a material increase. The headmen's fees ought to be calculated, not on the area leased during the year, but on the total area irrigated. Calculated in this way, the fees for the three divisions would be as follows:—Eastern Sone As. 1-7, Arrah As. 1-6, Buxar As. 1-7. In future years' reports the table will be modified."

COMPLAINTS.

88. "Complaints" properly so defined, *i.e*, objections to assessments actually made or petitions alleging that damage has been sustained through the canals, are classified as follows:—

DIVISION.	(I)—ORDINARY REMISSION.				(II TO V)—OTHER COMPLAINTS.				Total complaints received during year, excluding those pending from previous year.	Pending.
	Received during the year and pending from previous year.	Disposed of.		Pending.	Received during the year and pending from last year.	Disposed of.		Pending.		
		Remission allowed.	Remission refused.			Allowed.	Rejected.			
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Eastern Sone ...	1,261	607	624	30	23	3	20	...	1 177	30
Arrah ...	1,942	726	1,137	79	88	30	56	2	1,583	81
Buxar ...	500	265	235	..	83	28	53	2	391	2
Total, 1890-91 ..	3,703	1,598	1,996	109	194	61	129	4	3,151	113
Total, 1889-90 .	8,258	3,313	4,240	705	522	95	386	41	6,867	746

The total number of complaints received during the year was 3,151 as compared with 6,867 in the previous year. Including those pending from the

REPAIRS TO HEAD WORKS.

95. The cost of repairs to head works during the last three years is shown below:—

		1888-89.	1889-90.	1890-91.
		Rs.	Rs.	Rs.
Weir on Sone River	...	63,245	21,133	11,151
Other works	...	10,097	11,030	8,743
Total	...	73,342	32,163	19,894

The expenditure on the reconstruction of the piers of the under-sluices of the Sone weir was concluded in 1889-90, and the expenditure in the head works is now normal.

MAINTENANCE OF MAIN CANALS AND DISTRIBUTARIES.

96. The expenditure on maintenance and repairs on the main canals and distributaries in each division during the last three years is shown below:—

	Arrah Division.			Buxar Division.			Eastern Sone Division.			Total.		
	1888-89.	1889-90.	1890-91.	1888-89.	1889-90.	1890-91.	1888-89.	1889-90.	1890-91.	1888-89.	1889-90.	1890-91.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Western Main Canal ...	44,298	48,430	44,777	20,109	15,423	16,167	...	..	...	64,407	63,853	60,944
Eastern ditto ...	...	...	...	...	..	...	22,722	32,267	29,398	22,722	32,267	29,398
Canals	34,443	26,854	25,110	10,766	10,543	15,896	23,015	25,077	25,566	68,224	62,474	66,572
Branch Canals	14,559	15,179	12,540	14,206	13.269	7 514	.	...	...	28,765	28,448	20,054
Distributaries	29,453	29,682	33,706	15,172	17,106	17,747	17,216	13,979	16,161	61,841	60,767	67,614
Drainage and protective works	2,358	5,285	4,332	153	168	..	2,753	3.048	1,768	5,264	8,501	6,100
Total ...	1,25,111	1,25,430	1,20,465	60,406	56,509	57,324	65,706	74,371	72,893	2,51,223	2,56,310	2,50,682

The amounts given above exclude the charge for maintaining the Telegraph line from Arrah to Dehree, which has been included in paragraph 94 under head "Main Canal with Branches."

The expenditure is slightly less than in the two previous years. Generally the expenditure is less on main and branch canals and greater on distributaries. Of Rs. 44,777 spent on the first five miles of Western Main Canal, Rs. 43,430 are under the subhead Earthwork compared with Rs. 47,196 in 1,889-90 and Rs. 42,224 in 1888-89. The charge of the year under review for this portion of canal includes Rs. 5,166 for silt clearance by hand and Rs. 35,776 for dredging.

SILT-CLEARING AND DREDGING

97. The quantity of silt dredged from the Eastern and Western Main and Buxar Canals and the rate at which the work was done during the last three years are given below:—

CANALS.	1888-89.			1889-90.			1890-91.		
	Quantity dredged.	Cost, including removal over spoil bank, or discharge into river.	Rate per 1,000 cubic feet.	Quantity dredged.	Cost, including removal over spoil bank, or discharge into river.	Rate per 1,000 cubic feet.	Quantity dredged.	Cost, including removal over spoil bank, or discharge into river.	Rate per 1,000 cubic feet.
	C. ft.	Rs.	Rs. A. P.	C. ft.	Rs.	Rs. A. P.	C. ft.	Rs.	Rs. A. P.
Eastern Main and Patna ...	2,327,518	12,944	5 9 0	2,369,143	13,867	5 13 7	2,235,724	11,747	5 4 0
Western Main	7,544,478	49,724	6 9 5	6,410,767	40,033	6 3 10	7,833,182	45,498	5 12 11
Buxar Canal	...	...	...	...	...	...	720,117	2,970	4 1 11
River Sone	1,059,684	2,944	2 12 5	1,563,222	3,285	2 1 7	1,502.555	2,743	1 6 10
Head Lock	51,205	157	3 1 0	35,620	210	5 14 3	66,224	281	4 3 10
Total ...	10,982,885	65,769	5 15 9	10,378.752	57,395	5 8 5	10,122,078	50,897	5 0 5

The rates shown in the above table include the cost of lifting the silt into barges and of carrying it either over the spoil banks or into the river. The rates necessarily vary much under the latter head owing to different heights of spoil bank and of different lengths of lead to the river.

The cost of lifting the silt on to the barges or dredging proper was as shown below:—

	Quantity dredged.	1888-89—Cost of lifting.	Rate per 1,000 cubic feet.	Quantity dredged.	1889-90—Cost of lifting.	Rate per 1,000 cubic feet.	Quantity dredged.	1890-91—Cost of lifting.	Rate per 1,000 cubic feet.
	C. ft.	Rs.	Rs. A. P.	C. ft.	Rs.	Rs. A. P.	C. ft.	Rs.	Rs. A. P.
Eastern Main and Patna ...	2,327,518	4,999	2 2 4	2,369,143	3,750	1 9 3	2,235,724	3,674	1 10 3
Western Main	7,544,478	20,398	2 11 3	3,410,767	12,707	1 15 8	7,833,182	15,276	1 15 2
Buxar	...	...	...	...	...	...	720,117	1,385	1 14 9
River Sone	1,059,684	2,757	2 9 8	1,563,222	2,835	1 13 0	1,502,555	1,923	1 4 6
Head Lock	51,205	157	3 1 0	35,620	135	3 12 7	66,224	208	3 2 3

The extent of the traffic in connection with the steamers is shown below:—

		Arrah Canal.	Buxar Canal.	Patna Canal.	Total.
Passengers carried	Up ... No.	12,539	6,740	3,710	22,989
	Down ,,	11,274	7,089	3,903	22,266
Cargo carried	Up ... Tons.	478	222	1,066	1,766
	Down ... ,,	955	433	1,208	2,596

The ordinary repairs of the steamers are executed by the lessees and not by Government.

The transport service is reported to be efficiently and regularly worked, and to be popular. It is certainly a great convenience to the places served.

There are in addition to the steamers four cargo boats, the property of Government, for the hire of which Rs 1,360 was received during the year, besides which Rs. 111 was recovered by way of fees for the use of the accommodation boat.

MISCELLANEOUS RECEIPTS.

93. The miscellaneous receipts for the last five years are given in the following statement:—

		1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
		Rs.	Rs.	Rs.	Rs.	Rs.
Sale of water ...	...	702	370	387	514	393
Plantations ...	...	319	394	383	279	365
Other canal produce ...	...	2,901	2,145	1,816	1,542	1,815
Water-power ...	...	668	708	835	769	1,158
Rent of buildings ...	...	7,198	7,197	8,247	8,313	8,164
Fines ...	...	169	317	224	28	40
Miscellaneous	Rent of lands ...	15,231	10,997	7,995	6,939	8,114
	Fisheries ...	565	502	734	597	431
	Cost of process ...	6,302	2,474	3,739	3,244	2,9 7
	Sale of old materials	443	60	102	17	121
	Other items ...	3,213	3,295	2,042	1,100	2,610
Total ...		37,714	28,459	26,504	23,342	26,128

MAINTENANCE CHARGES.

94. The expenditure on works, maintenance, and repairs will now be briefly reviewed.

EXTENSIONS AND IMPROVEMENTS.

On 'extensions and improvements' Rs. 3,263 was spent, mainly in substituting brick arches for wooden tops on bridges on branch canals.

REPAIRS.

The expenditure on repairs fell from Rs. 2,92,992 to Rs. 2,72,831, which is distributed under the following sub-heads:—

	1888-89.	1889-90.	1890-91.
	Rs.	Rs.	Rs.
Head works	74,756	32,787	20,353
Main canal including branches...	1,85,746	1,89,296	1,78,593
Distributaries	61,839	60,767	67,616
Drainage and protective works .	5,264	8,502	6,101
Cost of working transport service	577	779	...
Compensation	...	861	168
Total ...	3,28,182	2,92,992	2,72,831

Inclusive of cases pending, the number for disposal was 6,897, covering a sum of Rs. 76,048, as compared with 8,438 and Rs. 86,158 in the previous year. The demand adjusted was Rs. 50,764 as against Rs. 55,496, the remissions being Rs. 16,128 compared with Rs. 12,155. Except in Patna, where the collections have been much in arrears, the numbers of certificates pending at the close of the year are moderate.

NAVIGATION.

91. The tables below show the navigation revenue and tollage receipts for the last five years:—

NAVIGATION RECEIPTS.

Year.	Eastern Main Series.			Western Main Series.			Total.	Total tollage only.
	Number of miles open.	Tollage receipts.	Transport service receipts.	Number of miles open.	Tollage receipts.	Transport service receipts.		
	No.	Rs.	Rs.	No.	Rs.	Rs.	Rs.	Rs.
1886-87	86¼	22,506	54*	132¼	27,159	4,535*	54,254	49,665
1887-88	86¼	27,622	95*	132¼	23,362	4,825*	55,904	50,984
1888-89	86¼	24,876	60*	132¼	27,286	5,607*	57,829	54,162
1889-90	86¼	25,189	...	132¼	26,000	6,570*	57,759	51,189
1890-91	86¼	28,465	...	132¼	28,128	9,036*	65,629	56,593

* There is no longer any Government transport service. These receipts are on account of hire of steamers, boats and sundries.

TOLLAGE.

TOLLAGE (ASSESSED).

Year.	Patna Canal system, Eastern Main Canal series.	Arrah Canal system.	Buxar Canal system.	Total.
	Rs.	Rs.	Rs.	Rs.
1886-87	22,646	18,289	9,001	49,936
1887-88	28,206	15,306	8,030	51,542
1888-89	25,165	18,121	8,826	52,412
1889-90	24,271	18,565	7,479	50,315
1890-91	28,526	18,180	9,998	56,704

TRAFFIC.

COMPARISON OF TRAFFIC.

		1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
Number of miles open ...	No.	218½	218½	218½	218½	218½
Toll collections	Rs.	49,936	51,542	52,412	50,315	56,704
Collections per mile ...	„	229	236	240	230	259
Boats, including empties ...	No.	8,573	8,116	8,096	8,058	8,644
Tonnage of boats	Tons.	104,835	95,082	106,788	104,390	114,996
Estimated value of cargo, including rafts	Rs.	64,65,651	56,80,508	58,04,029	4[illegible],36,564	65,25,714

There was an increase of about 12 per cent. in the tollage receipts, due chiefly to increased activity in the grain trade.

TRANSPORT SERVICE.

92. The transport service on the Sone Canals is worked by Messrs. Hodges and Radford under a contract for three years from the 1st December 1889. Two trips are run each way every week on the Arrah and Buxar Canals, and one trip on the Patna Canal. There are four steamers, the property of Government, of which three are hired to the contractors and one is held in reserve. The charge for steamer hire is Rs. 600 per month, and Rs. 500 is also levied as compounded tollage.

previous year, orders were passed on 3,590, and the balance outstanding at the close of the year had been reduced to 113. This is satisfactory. The Collector of Shahabad has also remarked on this subject—"*Complaints against assessments.*—These have been reduced to a minimum. The assessment work was every where carefully done."

In addition, 4,335 "applications"—in which term are included petitions for leases and outlets, for change of names in five-year leases, or for the post of headman—were received, of which 2,312 were granted, and 1,557 refused The number pending at the close of the year was 466. The details by Divisions are shown below:—

Division.	Received during the year and pending from last year.	Granted.	Refused.	Pending at the close of the year.
	No.	No.	No.	No.
Eastern Sone ...	927	563	313	51
Arrah ...	2,381	1,091	885	405
Buxar ...	1,027	658	359	10
Total, 1890-91	4,335	2,312	1,557	466
Total, 1889-90	4,439	2,206	1,751	482

The Superintending Engineer has remarked on this subject:—

"The applications relate to matters in connection with irrigation, in which requests are made in the ordinary way of business. The most numerous class are those in connection with the mutation of names in a five-year lease, of which 983 were received, the next in importance are preliminary applications for a five-year lease, which numbered 739, the remainder are fully classified in the Appendix, the only ones of importance being 284 applications for registration as owner of a village channel: in 132 cases they relate to a supply of water free for drinking purposes."

APPEALS.

89. Four appeals (including three pending from the previous year) were preferred to Collectors against the orders passed by canal officers on complaints, and all were dismissed.

Eight cases were decided by engineers vested with magisterial powers under the Bengal Irrigation Act. Seven persons accused of offences under the Act were convicted and thirteen discharged.

CERTIFICATE PROCEDURE.

90. It has been decided that the certificates required in realising water-rates shall continue to be dealt with by the Special Deputy Collector in charge of the collections, and shall not be made over to the General Department of the Collectorate.

The amount of certificate work done in each district during the year under review as compared with that of the previous year is shown in the following statement:—

	Shahabad.				Patna.				Gya.			
	1889-90.		1890-91.		1889-90.		1890-91.		1889-90.		1890-91.	
	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.	Number.	Amount.
Cases for disposal—		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
1. Cases pending at the close of the preceding year.	520	6,567	573	6,757	2,321	19,534	1,328	15,596	100	6,995	105	6,722
2. Cases instituted during the year	4,209	44,075	3,336	34,524	1,051	5,728	1,405	7,446	317	7,056	150	5,003
Total ..	4,729	50,642	3,909	41,281	3,372	25,272	2,733	23,042	417	14,051	255	11,725
Cases disposed of—												
1. By being struck off owing to the demand having been remitted.	472	4,303	428	4,503	1,538	7,842	748	5,011	61	4,701	40	6,014
2. By being wholly satisfied ...	3,684	39,582	3,236	30,576	506	1,834	673	1,706	251	2,628	186	2,354
Total ...	4,156	43,885	3,664	35,079	2,044	9,676	1,421	6,717	312	7,329	226	8,968
Balance outstanding at the close of the year.	573	6,757	245	6,202	1,328	15,596	1,312	16,325	105	6,722	29	2,757

The rates do not vary much from those of the preceding year.

98. The expenditure on repairs to dredgers during the year under review is compared with that of the two previous years in the following statement:—

	1888-89.	1889-90.	1890-91.
	Rs.	Rs.	Rs.
12 Fouracres' dredgers	7,704	6,675	6,857
2 Bruce's ditto	754	374	436
2 English ditto	4,300	3,439	3,525
Mud punts ...	2,870	3,178	4,790
Total ...	15,628	13,666	15,635

The Superintending Engineer has given the following information as to the comparative cost of lifting the silt on to barges, allowing for interest on the capital cost of the dredgers and for the expenditure on repairs:—

	Average cost in 1890-91 of lifting per 1,000 cubic feet.			Interest on capital cost per 1,000 cubic feet lifted.			Cost of repairs per 1,000 cubic feet lifted.			Total.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Fouracres' dredgers ...	1	12	5	0	9	5	0	15	1	3	4	11
Bruce's dredger ...	1	13	1	0	11	8	0	3	10	2	12	7
English ladder dredgers	1	14	5	1	7	6	1	1	2	4	7	1

The small expenditure on repairs has given a decided advantage to the Bruce's dredgers, of which there are two employed.

99. The quantity of silt cleared by hand from main canals in the Eastern Sone Division and the cost are compared below with the figures for the two previous years:—

	1888-89.			1889-90.			1890-91.		
	Quantity cleared by hand.	Cost.	Rate.	Quantity cleared by hand.	Cost.	Rate.	Quantity cleared by hand.	Cost.	Rate.
	C. feet.	Rs.	Rs. A. P.	C. feet.	Rs.	Rs. A. P.	C. feet.	Rs.	Rs. A. P.
Eastern Main and Patna Canals...	2,773,668	10,542	3 12 9	2,491,847	13,067	5 3 10	4,282,127	19,021	4 7 0

On the Western Main Canal 1,589,240 cubic feet were cleared by hand at a cost of Rs. 7,852.

WEED CLEARING.

100. The cost of weed-clearing for the last five years is shown in the following table:—

Division.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
	Rs.	Rs.	Rs.	Rs.	Rs.
Eastern Sone ...	314	558	217	9	396
Arrah	1,731	2,691	1,053	715	1,299
Dehree Workshops...	487	782	899	911	1,350
Buxar	2,065	884	869	726	1,505
Total ...	4,597	4,915	3,038	2,361	4,550

The figures for 1888-89 and 1889-90 have been amended, as those given in the report of last year excluded certain items which have been added.

The Superintending Engineer remarks:—

"There has been increased expenditure all round in this item, and it is reported that the weeds during 1890-91 were very troublesome and had to be removed more frequently than

usual. It is difficult to ascribe a satisfactory reason for the vigorous growth of these pests: the lower average discharge of the canals during the rains may have had some share in the matter.'

MILEAGE RATES OF REPAIRS OF CANALS AND DISTRIBUTARIES.

101. The mileage rates of cost of repairs are worked out both for canals and distributaries, and compared with the rates of the two previous years in the statement below:—

CANAL.	Division.	1888-89.		1889-90.		1890-91.	
		Number of miles	Cost per mile.	Number of miles.	Cost per mile.	Number of miles.	Cost per mile.
		No.	Rs.	No.	Rs.	No.	Rs.
Eastern Main Canal ...	Eastern Sone ...	7½	3,184	7½	4,483	7½	4,054
Western ditto ...	Dehree Workshop ...	9	6,211	9	6,702	9	6,266
	Buxar	12½	681	12½	282	12½	364
Buxar Canal	Do.	45½	238	45½	233	45½	351
Patna do.	Eastern Sone	79	291	79	317	79	323
Arrah do.	Arrah	65½	527	65½	411	65½	383
Doomraon Branch ...	Do.	40½	187	40½	193	40½	163
Behea ditto ...	Do.	31	226	31	239	31	198
Chowsa ditto ...	Buxar	39½	246	39½	245	39½	117
Gurrah Chowbey Branch	Do.	38	119	38	93	38	76
Distributaries ...	Arrah	467½	63	467½	63	467½	72
	Buxar	343	44	354¾	48	370½	48
	Eastern Sone	358	48	358	39	358	45

PLANTATIONS.

102. The state of the plantations in each division at the close of the years 1889-90 and 1890-91 is shown in the following statement:—

DIVISION.	1889-90.				1890-91.				Increase.	Decrease.
	Trees over 12 feet in height.	Saplings between 4 and 12 feet.	Seedlings under 4 feet.	Total.	Trees over 12 feet in height.	Saplings between 4 and 12 feet.	Seedlings under 4 feet.	Total.		
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Eastern Sone	89,989	25,312	66,532	181,833	85,430	30,571	62,040	178,041		3,792
Arrah and Dehree Workshop	40,642	27,211	77,269	145,122	42,574	54,733	78,204	175,511	30,389	..
Buxar	17,544	11,490	17,756	46,790	19,873	12,066	14,959	46,898	108	...
Total ...	148,175	64,013	161,557	373,745	147,877	97,370	155,203	400,450	Net increase 26,705	

The increase shown in the Arrah and Dehree Workshop Divisions is due mainly to the plantations being established in the vicinity of the head works at Dehree. The decrease in the Eastern Sone Division is due to incorrect enumeration in the previous year.

CALCUTTA AND EASTERN CANALS.

CAPITAL ACCOUNTS.

103. The Capital and Revenue Accounts of these canals are given below:—

1.—CAPITAL ACCOUNT.

HEADS OF ACCOUNT.	Outlay during 1890-91.	Outlay to end of 1890-91.
DIRECT CHARGES.	Rs.	Rs.
Old outlay prior to the year 1861-62	...	24,91,012
I.—Works	1,599	20,36,755
II.—Establishment	574	3,84,970
III.—Tools and plant	3,427	3,51,663
IV.—Profit and loss	...	847
V.—Suspense accounts	13	12,079
Total ...	5,613	52,77,326
Less—Receipts on capital account	...	44,454
Total direct charges ...	5,613	52,32,872
INDIRECT CHARGES.		
Leave and pension allowances	80	61,025

The new works carried out during the year chargeable to the Capital Account of the canals were—A wreck godown at Soorkhally in No. 4 Assassoonee subdivision at a cost of Rs. 488 and an out-office of the inspection bungalow at Assassoonee for storing wreckage at Rs. 1,146. In addition a sum of Rs. 3,427 was expended on tools and plant on account of portable engines transferred from the Orissa Coast Canal.

REVENUE ACCOUNT.

2.—REVENUE ACCOUNT—(Actuals).

	Expenditure— During 1889-90.	Expenditure— During 1890-91.		Receipts— During 1889-90.	Receipts— During 1890-91.
DIRECT CHARGES.	Rs	Rs.		Rs.	Rs.
I—Works Maintenance and repairs.					
Works (extensions and improvements).	1,244	36,676	Navigation ...	4,88,309	5,19,263
			Miscellaneous ...	7,312	5,883
Repairs ...	1,65,315	1,49,872			
Establishment, including direction and accounts.	50,618	64,041	Total ..	4,95,621	5,25,146
			Less—Refunds of revenue.	78	61
Tools and plant ...	13,510	20,691			
Total ...	2,30,687	2,71,280			
II.—*Revenue Management.*					
Navigation establishment.	36,281	38,343			
Total direct charges	2,66,968	3,09,623			
INDIRECT CHARGES.					
Capitalized abatement of land revenue ...	...	...			
Leave and pension allowances.	12,165	14,334			
Total indirect charges	12,165	14,334			
Total working expenses.	2,79,133	3,23,957			
Profit ...	2,16,410	2,01,128			
Total ...	4,95,543	5,25,085	Net total receipts...	4,95,543	5,25,085

FINANCIAL RESULTS.

104. The receipts on Revenue Account and working expenses for the last ten years are shown in the following statement :—

	1881-82.	1882-83.	1883-84.	1884-85.	1885-86.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
RECEIPTS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Navigation	4,72,686	5,55,103	5,51,713	5,20,495	5,01,141	4,77,199	5,74,766	5,69,920	4,88,309	5,19,263
Miscellaneous	9,781	9,091	12,388	49,231	(—)21,657	6,455	5,168	5,224	7,312	5,883
Total ...	4,82,467	5,64,194	5,64,101	5,69,726	4,79,484	4,83,654	5,79,934	5,75,144	4,95,621	5,25,146
Less—Refunds of revenue ...	...	...	...	...	...	...	...	19	78	61
Net total receipts ...	4,82,467	5,64,194	5,64,101	5,69,726	4,79,484	4,83,654	5,79,934	5,75,125	4,95,543	5,25,085
WORKING EXPENSES.										
Direct charges.										
Works (extensions and improvements)	...	...	27,897	78,575	32,277	5,092	1,478	4,573	1,244	36,076
Maintenance and repairs ...	2,63,218	2,27,678	1,02,316	99,262	67,942	1,02,480	1,04,527	1,63,656	1,65,315	1,49,872
Establishment	64,036	92,587	81,478	93,013	67,584	66,969	88,168	84,665	86,899	1,02,384
Tools and plant	...	...	8,933	7,342	18,944	8,347	18,139	29,054	13,510	20,691
Total direct charges ...	3,27,254	3,20,265	2,20,624	2,78,192	1,86,747	1,82,888	2,12,312	2,81,948	2,66,968	3,09,623
Indirect charges.										
Capitalization of abatement of land revenue	...	...	...	...	...	...	...	...	...	...
Leave and pension allowances	4,967	6,632	11,407	13,022	9,402	9,376	12,344	11,853	12,165	14,334
Total indirect charges ...	4,967	6,632	11,407	13,022	9,402	9,376	12,344	11,853	12,165	14,334
Total working expenses ...	3,32,221	3,26,897	2,32,031	2,91,214	1,96,209	1,92,264	2,24,656	2,93,801	2,79,133	3,23,957
Net revenue ...	1,50,246	2,37,297	3,32,070	2,78,512	2,83,275	2,91,390	3,55,278	2,81,324	2,16,410	2,01,128

The receipts of 1890-91 show an increase of Rs. 29,542 over those of 1889-90, though still much behind the years 1887-88 and 1888-89.

The competition of the Bengal Central Railway and of the Steam Navigation Companies is said to be getting keener every year.

The profits in the working of the canals were Rs. 2,01,128, or 3·8 per cent. on the capital outlay. Results for ten years are given below:—

Year.	Capital outlay (direct and indirect)—		Receipts and Working Expenses.			Percentage of net revenue to capital outlay to end of year.
	During the year.	To end of the year.	Gross revenue.	Charges (direct or indirect).	Net revenue.	
	Rs.	Rs.	Rs.	Rs.	Rs.	
1881-82	5,58,268	47,74,649	4,82,467	3,32,221	1,50,246	3·1
1882-83	3,21,351	50,96,000	5,64,194	3,56,897	2,37,297	4·6
1883-84	1,55,634	52,51,634	5,64,101	2,32,031	3,32,070	6·3
1884-85	9,013	52,60,547	(a) 5,69,726	2,91,214	2,78,512	5·2
1885-86	(—)42,566	52,17,981	(b) 4,79,484	1,96,209	2,83,275	5·4
1886-87	5,293	52,23,274	4,83,654	1,92,264	2,91,390	5·5
1887-88	15,842	52,39,116	5,79,934	2,24,656	3,55,278	6·7
1888-89	49,369	52,88,485	5,75,125	2,93,801	2,81,324	5·3
1889-90	(—)281	52,88,204	4,95,543	2,79,133	2,16,410	4·1
1890-91	5,693	52,93,897	5,25,085	3,23,957	2,01,128	3·8

(a) Is Rs. 35,185 larger than it should be by reason of error o account.
(b) Is Rs. 35,185 smaller than ditto ditto ditto.

NAVIGATION.

105. The amounts received during the last two years by the Collector of the canals and by the Executive Engineer are shown in the following statement:—

Canals.	Number of boats and rafts.	Collections by Collector and Supervisor.						Collections by Executive Engineer.	Grand Total, gross revenue.
		Tolls from boats and rafts.	Demurrage.	Ferry tolls.	Tolls from steamers and flats.	Rents of buildings, lands, and other miscellaneous receipts.	Total.	Rents of buildings, lands, and other miscellaneous receipts.	
	No.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Calcutta and Eastern ...	84,053	3,83,730	5,319	3,100	5,425	3,569	4,01,643	} 2,172	5,25,146
Tolly's Nullah	73,522	1,18,898	1,373	1,220	...	340	1,21,331		
Total 1890-91 ...	157,575	5,02,628	6,692	4,320	5,425	3,909	5,22,974	2,172	5,25,146
Total 1889-90 ...	148,263	4,71,555	6,085	5,316	4,640	4,526	4,92,122	3,499	4,95,621

The tolls collected from boats and rafts, which are the chief source of revenue, amounted to Rs. 5,02,628 compared with Rs. 4,71,555 in the previous year.

There has recently been an enquiry into the system of measuring boats and charging tolls on these canals, and a scheme is under consideration for modifying and readjusting them so as to make the distribution more equal on different classes of boats, to all of which the present system of measurement does not appear fully suitable.

BOATS.

106. The particulars regarding the boats which used the canals during the last two years are given below, and it will be seen that there is an increase under every class:—

		Number and class of boats.					Total.
		Up to 100 maunds.	Between 100 and 1,000 maunds.	Between 1,000 and 2,500 maunds.	Between 2,500 and 5,000 maunds.	Over 5,000 maunds.	
Calcutta and Eastern Canals ...	1889-90 ...	34,016	24,124	17,152	2,059	74	77,425
	1890-91 ...	38,753	24,642	18,102	2,375	166	84,038

and for Tolly's Nullah:—

Tolly's Nullah ...	1889-90 ...	16,784	17,894	5,280	51	...	40,009
	1890-91 ...	17,076	21,109	6,481	70	...	44,736

Besides the boats enumerated above, a number of small boats and *dinghies* enter Tolly's Nullah from the Kourapukhur khal, paying toll at Russa. These boats are not classified. Their number was 28,680 against 30,731 in 1889-90.

TRAFFIC.

107. The figures showing the tonnage of the boats by canal measurement and the estimated weight and value of the cargoes are shown below separately for the Calcutta Canals and Tolly's Nullah, and compared with the returns of the preceding year:—

		Number of boats.	Tonnage of boats by canal measurement.	Weight of cargo carried.	Value of cargo carried.	Tollage including demurrage.	Percentage of toll on value of cargo.
		No.	Tons.	Tons.	Rs.	Rs.	
1889-90 ...	Calcutta Canals	77,425	1,797,810	610,349	5,15,09,515	3,76,607	
	Tolly's Nullah ...	70,740	652,249	212,476	1,52,94,352	1,05,672	
	Total ...	148,165	2,450,059	822,825	6,68,03,867	4,82,279	0·72
1890-91 ...	Calcutta Canals	84,038	1,818,350	635,796	4,57,67,347	3,94,474	
	Tolly's Nullah ...	73,416	792,550	258,639	1,61,59,157	1,20,271	
	Total ...	157,454	2,610,900	894,435	6,19,26,504	5,14,745	0·83

The increase of 9,289 boats during the year was partly due to the large number of pilgrims brought to Calcutta during the *Ardhodya jog* festival.

MISSING TICKETS.

108. The improvement which has been effected in the organisation and management of the toll system is again attested by a decrease in the number of missing tickets. The following are the figures for the last nine years:—

Year.	No.	Year.	No.
1882-83	5,459	1887-88	677
1883-84	3,086	1888-89	329
1884-85	1,404	1889-90	238
1885-86	653	1890-91	212
1886-87	542		

REVENUE ESTABLISHMENT.

109. The cost of the revenue establishment employed on toll collections for the last four years is shown below:—

	1887-88.	1888-89.	1889-90.	1890-91.
	Rs.	Rs.	Rs.	Rs.
Salary and commission of Supervisor ...	12,651	12,972	11,053	11,475
Salary of Canal Inspector	5,435	4,034	3,900	5,172
Supervisor's office establishment ...	5,414	5,183	5,142	5,165
Canal police	2,022	2,060	2,050	2,061
Supervisor's steam-launch establishment ...	942	944	735	98
Inspector's and chalan boat establishment ...	1,123	1,112	1,138	1,049
Dhappa water establishment	180	180	173	168
Duffadar	40 (*a*)	...	...	271
Travelling allowance	65	11	39	22
Contingencies	1,338	1,401	1,627	1,261
Toll-station establishment	9,710*	9,787*	10,424*	11,478*
Total cost of establishment ...	38,92)	37,684	36,281	38,210

(*a*) Canal domes.
* Includes salary of daroghas, clerks, cashiers, ko otnavises, koyals, toll peons, and dinghies with crew.

MISCELLANEOUS RECEIPTS.

110. The following is a detailed statement of miscellaneous receipts realized by the Executive Engineer and the Supervisor of the Calcutta Canals during the year as compared with those of the previous year:—

	1889-90.	1890-91.
	Rs.	Rs
Plantations	31	35
Other canal produce	1	202
Rent of building	1,660	1,597
,, of land	366	711
*Miscellaneous other receipts ...	5,254	3,338
Total ...	7,312	5,883

* Includes fishery rent and sale proceeds of canal silt.

EXTENSIONS AND IMPROVEMENTS.

111. The expenditure of Rs. 36,676 charged to extensions and improvements was mainly due to the erection of a new girder bridge over Tolly's Nullah at Kalighat, on which Rs. 36,295 was spent during the year, the total estimated cost being Rs. 85,560, of which Rs. 30,000 has been contributed by the Corporation of Calcutta.

MAINTENANCE AND REPAIRS.

The cost of maintenance of the canal by sub-heads as compared with that of the previous year is given below:—

Canals.	Locks.	Masonry bridge.	Roads.	Buildings.	Plantations.	Dredging.	Channel and bank.	Towpath.	Rustic bridges.	Steam-launches.	Miscellaneous.	Drainage.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Calcutta Canals, 1890-91 ..	11,562	4,079	15,851	936	526	12,260	320	1,321	360	5,999	9,828	284	63,326
Ditto, 1889-90 ...	2,283	4,393	15,629	3,024	579	22,247	5,729	1,279	464	9,231	10,167	...	75,025
Tolly's Nullah, 1890-91 ...	...	3,645	400	...	...	...	498	394	198	...	210	...	5,345
Ditto, 1889-90 ...	...	3,407	2,162	377	...	...	11,723	392	556	...	287	...	18,904
Steamer Route, 1890-91 ..	...	...	...	...	...	...	...	...	...	...	2, 69	...	2,269
Ditto, 1889-90 ...	...	...	...	...	...	...	...	...		...	2,094	...	2,094
Eastern Canals, 1890-91 ...	...	...	...	2,604	4,532	...	24,712	21,033	20,536	...	5,515	...	78,932
Ditto, 1889-90 ...	...	...	...	1,875	...	...	26,912	18,529	19,016	...	2,960	...	69,292
Total, 1890-91 ...	11,562	7,724	16,251	3,540	5,058	12,260	25,530	22,748	21,094	5,999	17,822	284	1,49,872
Total, 1889-90 ...	2,283	7,800	17,791	5,276	579	22,247	44,364	20,200	20,036	9,231	15,508	...	1,65,315

The increase or decrease in the expenditure as compared with that of the year before is explained below:—

Calcutta Canals.—The heavy increase of Rs. 9,279 under "Locks" was due principally to dewatering, examining, and repairing the Chitpore lock, gate, gearing, &c., and clearing the lock basin of silt. Outlay on buildings was small, viz., Rs. 936 against Rs. 3,024 of the year before. The decrease under dredging was due to breakdown of dredgers *Victoria* and *Fouracres*, which worked only for 95 and 90 days, respectively, in 7 months during the year. The decrease under "Channels" and "Banks" is attributable to large expenditure in piling and rivetting in the former year. The decrease under "Steam-launches" was due partly to the fact that no launch had to be hired for the Supervisor of the Calcutta Canals during the year as was done in the previous year. Government launches "*Ethel*" and "*Coot*" were under repairs during a greater portion of the year, which tended to curtail the working expenses. The expenditure of Rs. 284 under "Drainage" was due to the making of a new shutter for the inlet sluice at Chitpore.

Tolly's Nullah.—The increase under head "Bridges" was due to painting the Alipore and Zeerut bridges. There was a marked decrease of Rs. 11,225 under head "Channels and banks" as compared with the expenditure under this head during the preceding year, which was principally due to the fact that no outlay on silt clearance for improvement of the Kowrapookhur Khal was incurred during last year.

Eastern Canals.—The increase of Rs. 729 under "Buildings" was due to thorough repairs to the subdivisional bungalows having been undertaken during the year. There was an expenditure of Rs. 4,532 under "Plantation." New plants were purchased and planted out in the canal surplus lands at Bhangore. The increase under "Towpath" was due to the construction of a retired line of towpath in No. 4 or Assassoonee subdivision, and to some extra repairs to flood damages. The increase under "Rustic bridges" was due to the fact that thorough repairs were carried out to the remodelled bridges in No. 5 or Perozepore subdivision, and to extra work done for repairing flood damages. Under "Miscellaneous" the increase was partly attributable to cutting nicks on the north and south banks of Bhangore khall, and constructing boundary pillars at Bamonghatta khall, and partly to petty works of a miscellaneous nature.

DREDGING AND SILT CLEARANCE.

112. The following statement shows the quantity of silt dredged, and the expenditure incurred, and the rate per 1,000 cubic feet during the year, including the cost of delivering the mud—:—

	Quantity dredged.	Cost.	Rate per 1,000 cubic feet.
	C. feet.	Rs.	Rs. A. P.
Steam dredger *Victoria* ...	614,100	6,186	10 1 2
Fouracres' dredger ...	156,900	1,887	12 0 5
Marchants' dredger ...	191,700	1,896	9 14 3

Omitting the cost of delivering the mud, the rates of dredging proper, exclusive of the cost of repairs and of interest on original cost, were per 1,000 cubic feet—

	Rs. A. P.
Steam dredger *Victoria*	4 10 6
Fouracres' dredger	6 9 8
Marchants' dredger	0 11 6

The Superintending Engineer remarks:—

"The results of the dredging work cannot be considered satisfactory, allowing even for the time the dredgers were under repairs. The average rates of working of the *Victoria* and *Fouracres* were in excess of those of last year, and far in excess of the rates of work on the Midnapore Canal. There are, however, no steam-hoppers or hopper-barges in use, and the disposal of the excavated silt is very costly. The number of days in the months during which the two dredgers named above worked is small, and unless they are worked more regularly, good results cannot be expected."

PLANTATIONS.

113. The state of the plantations for the last two years is shown below:—

Year.	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings below 4 feet.	Total.
	No.	No.	No.	No.
1889-90 ...	2,046	569	427	3,042
1890-91 ...	2,208	1,382	1,314	4,904

The cost incurred during the year was Rs. 5,058 against Rs. 579 in 1889-90.

FLOODS.

114. The whole of the rivers connecting with the Eastern Canals were in heavy flood in August and September, but gauge-readings are not available. Owing to the heavy flood in the Bhyrub river, serious damages were caused to the river protective works at Khoolna: some of the spurs were swept away and others damaged more or less. Slight slips occurred, and the river bank was eroded to a certain extent. On the whole the protective works at Khoolna, which come under the head of miscellaneous improvements, did their work well, and prevented what might have been a serious erosion.

ORISSA COAST CANAL.

CAPITAL ACCOUNT.

115. The Capital and Revenue Accounts of this canal are given below:—

I.—CAPITAL ACCOUNT.

Heads of account.	Outlay during 1890-91.	Outlay to end of 1890-91.
Direct charges.	Rs.	Rs.
I.—Works	17,269	32,74,448
II.—Establishment	6,085	7,30,844
III.—Tools and plant	(—)4,098	2,02,474
IV.—Suspense accounts	(—)2,029	30,586
Total ...	17,227	42,38,352
V.—*Less*—Receipts on capital account	15	3,293
Total direct charges ...	17,212	42,35,059
Indirect charges		
Capitalized abatement of land revenue	...	784
Leave and pension allowances	852	1,02,234
Total indirect charges ...	852	1,03,018

The expenditure of Rs. 17,269 on works was incurred in the following:—

(a) Clearing brickfields at Nulcool, Sara, and Kunduli.

(b) Toll-houses and khallasies' sheds were completed and paid for.

(c) Excavations of tanks for drinking-water and for bathing purposes at the various locks were completed, except at Jamcoonda, where they are in abeyance, pending settlement of the question of the necessity for building a new lock.

(d) Mr. Bond's house, occupied on a monthly rental for Executive Engineer's office, has been purchased for Rs. 5,000, and it is now undergoing thorough repairs. Additional office accommodation is also being provided in a detached building, which, together with cost of land and special repairs and alterations, sanctioned in Bengal Government letter No. 5341, dated the 26th March 1891, will amount to Rs. 9,895.

The Superintending Engineer remarks :—

"The canal is now practically complete, although there are about 29 lakhs cubic feet of earth in certain uncut portions of the canal. This, however, is no impediment to the navigation."

REVENUE ACCOUNT.

2.—REVENUE ACCOUNT (Actuals).

	EXPENDITURE—			RECEIPTS—	
	During 1889-90.	During 1890-91.		During 1889-90.	During 1890-91.
	Rs.	Rs.		Rs.	Rs.
DIRECT CHARGES.					
I.—Maintenance and Repairs.			Water-rates ..	61	...
			Navigation ...	63,724	64,220
Maintenance and repairs	50,528	42,312	Miscellaneous ...	1,563	1,410
Establishment, including direction and accounts.	926	15,452			
			Total ...	65,348	65,630
Tools and plant ...	10,513	9,794	*Less*—Refunds of revenue ..	15	44
Total ...	61,967	67,558			
II.—Revenue Management.					
Navigation establishment	6,044	6,208			
Total direct charges ...	68,011	73,766			
INDIRECT CHARGES.					
Capitalized abatement of land revenue ...	...	...			
Leave and pension allowances	975	3,032			
Total indirect charges...	975	3,032			
Total working expenses	68,986	76,798			
Net revenue ...	(—)3,653	(—)11,212			
Total ...	65,333	65,586	Net total receipts	65,333	65,586

The navigation receipts have advanced slightly. The Superintending Engineer, however, remarks that this may be looked upon as very satisfactory, considering the long closure of the Hidgellee Tidal Canal. There was an increased traffic in grain due to larger exports to Calcutta, and an increase in the quantity of salt imported from Calcutta.

FINANCIAL RESULTS.

116. The receipts on Revenue account and working expenses of the canal for the last six years are shown in the following statement:—

	1885-86.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Receipts.						
Water-rates ...	1	(—) 1	......	......	61	......
Navigation ...	13,663	28,587	52.828	65,047	63.724	64,220
Miscellaneous ...	54	902	1,026	1,381	1,563	1,410
Total ...	13,718	29,488	53,854	66,428	65,348	65,630
Less—Refunds of revenue	......	......	17	254	15	44
Net total receipts ...	13,718	29,488	53,837	66,174	65,333	65,586
WORKING EXPENSES.						
DIRECT CHARGES.						
I.—Maintenance and Repairs.						
Repairs	23,155	43,969	53,277	42.606	50,528	42,312
Establishment, including direction and accounts ...	5,326	10,120	14,289	11.377	926	15.452
Tools and plant ...	791	3,432	8,743	14,462	10,513	9,794
Total ...	29,272	57,521	76,309	68,445	61,967	67,558
II.—Revenue Management.						
Navigation establishment ...	609	2,183	4,559	6,123	6,044	6,208
Total direct charges ...	29,881	59,704	80,868	74,568	68,011	73,760
INDIRECT CHARGES.						
Capitalized abatement of land revenue ...	......	.....	......	......	......	......
Leave and pension allowances ...	831	1,722	2,639	2,450	975	3,032
Total indirect charges ..	831	1,722	2,639	2,450	975	3,032
Total working expenses	30,712	61,426	83,507	77,018	68,986	76,798
Net revenue ...	(—) 16,994	(—) 31,938	(—) 29,670	(—) 10,844	(—) 3,653	(—) 11,212

The expenditure on repairs is less by Rs. 8,216 than in the previous year, and is reported by the Superintending Engineer to be normal. The establishment and indirect charges are much larger than in 1889-90. This is due to the fact that in that year they were unusually low owing to the large proportion of establishment charged to the Hidgellee Canal.

NAVIGATION.

117. The income from tolls rose from Rs. 63,724 to Rs. 64,220. While the tolls paid on vessels of the Calcutta Steam Navigation Company declined from Rs. 22,290 to Rs. 19,540, the receipts from country boats increased from Rs. 41,434 to Rs. 44,680. The increase of the traffic is chiefly attributable to the exports of grain to Calcutta and imports of salt from Calcutta in larger quantities than those of last year.

The receipts on each range of the canal are compared with those of the two previous years below :—

Ranges.	Miles of canal open.	Tollage receipts.		
		1888-89.	1889-90.	1890-91.
		Rs.	Rs.	Rs.
Range III ...	36	45,575	37,743	37,731
Do. IVA ...	17	4,110	3,654	4,121
Do. IVB ...	6½	5,729	8,468	7,748
Do. V ...	38	9,596	13,859	14,620
Total ...	97½	65,010	63,724	64,220

118. The traffic on the canal during the year 1890-91, compared with that of the previous year, is shown in the following statement :—

TRAFFIC.

	Number of boats.		Tonnage of boats.		Value of cargo.		Tolls.	
	1889-90.	1890-91.	1889-90.	1890-91.	1889-90.	1890-91.	1889-90.	1890-91.
	No.	No.	Tons.	Tons.	Rs.	Rs.	Rs.	Rs.
Orissa Coast canal	12,416	13,645	117,190	120,527	23,87,686	27,05,654	63,724	64,220

With the view of stimulating the traffic on ranges IVA, IVB, and V, a concession has been granted for one year by which on these ranges no charge will be made for a return trip. The causes of the small receipts on this part of the canal are given in the following extract from Superintending Engineer's report:—

"This measure, the Executive Engineer reports, 'will undoubtedly increase the volume of traffic, but it should be noted that sea-going craft and steamers can penetrate by the Burrabullong and the Mutai, the country traversed by these ranges, which are thus very unfavourably situated for earning revenue compared with Range III and the Hidgellee Tidal Canal. It may also be added that a great proportion of the rice produced in the Balasore district is shipped direct from Balasore, and the Mutai to the Laccadive and Maldive islands, Mauritius, and other places outside India. This trade of course cannot be diverted by any means into the canals; also owing to the very brisk competition, which prevails at Chandballi between the various steamer companies, freight charges are very low at that port, which accordingly attracts much of the trade that might naturally be expected to follow the coast canal route to Calcutta.'

"The advisability of the construction of feeder-roads has been brought to the notice of the District Board, and a contribution of Rs. 7,000 offered by the Government towards defraying their cost. No roads were constructed during the year, but there is every probability of two lines being undertaken and completed during the current year, tending, it is hoped, to increase the traffic on the backward ranges."

119. The miscellaneous receipts during the last two years are shown below :—

MISCELLANEOUS RECEIPTS.

	1889-90.	1890-91.
	Rs.	Rs.
Plantation	...	8
Rent of buildings	161	285
Land	220	340
Miscellaneous	1,182	777
Total ...	1,563	1,410

DREDGING AND SILT CLEARANCE.

120. During the year under review the dredgers *Clinker* and *Comus* were employed principally in removing the silt accumulated above the Bhanitghur lock. The quantity dredged by them and the cost and rate per 1,000 cubic feet, compared with the year 1889-90, are shown in the following table:—

Year.	Names of dredgers.	Quantity dredged.	Cost of—			Rate.		
			Lifting.	Removing.	Total.	Lifting.	Removing.	Total
1889-90...	*Clinker* and *Comus*.	963,380	4,486	5,241	9,727	4·65	5·44	10·09
1890-91 ..	Ditto ...	295,399	2,346	746	3,072	7·87	2·52	10 39

The expenditure incurred on repairs to the dredgers and five hopper-barges during the year was—

	Rs.
Repairs to *Clinker*	1,743
Ditto hopper-barges	3,511
Ditto *Comus*	379
Ditto mud punts	*Nil.*

Six new mud punts were constructed during the year—three by Messrs. Burn and Company and three at the Seebpore Workshops.

PLANTATIONS.

121. The state of the plantations for the last two years is shown in the following statement:—

Year.	Trees over 12 feet in height.	Saplings between 4 and 12 feet.	Saplings under 4 feet.	Total.
	No.	No.	No.	No.
1889-90 ...	203	372	820	1,395
1890-91 ...	326	905	2,255	3,486

FLOODS.

122. In consequence of the heavy rains in September and October, the country traversed by Range III of the canal was heavily flooded. The highest flood levels of the year on the various rivers crossed by it were as follows:—

River.	Place.	Date.	Gauge.
Russulpore ...	Bhanitghur ...	29th September	115·20
Soobunrekha ...	Bhograi ...	28th „ ...	113·70
Ditto ...	Jamcoonda ...	29th „ ...	113·80
Panchpara ...	Panchpara ...	27th „ ...	114·70
Burrabulong ...	Nulcool ...	26th „ ...	116·80
Ditto ...	Chargachia ...	26th „ ...	110·50
Mutai ...	Charbettia ...	28th „ ...	110·10

There was no damage to any of the works on the rivers. On Range III at Peechabani the water rose to the height of 112·05 against 113·35 in 1888-89. On Range V the escapes at Atilabad and Gumai were heavily eroded, and temporary repairs were carried out.

SARUN CANALS.

123. The Capital and Revenue Accounts of these canals are given below :— CAPITAL ACCOUNT.

1.—CAPITAL ACCOUNT.

HEADS OF ACCOUNT.	Outlay during 1890-91.	Outlay to end of 1890-91.
DIRECT CHARGES.	Rs.	Rs.
I.—Works	...	4,79,946
II.—Establishment	...	1,64,170
III.—Tools and plant	...	25,952
Total ...	...	6,70,068
V.—*Less*—Receipts on Capital Account ...	...	498
Total direct charges ...		6,69,570
INDIRECT CHARGES.		
Capitalized abatement of land revenue	...	97
Leave and pension allowances	...	27,086
Total indirect charges ...	...	27,183

The Capital Account of these canals has been closed for the present. REVENUE ACCOUNT.

2.—REVENUE ACCOUNT (Actuals).

	EXPENDITURE—			RECEIPTS—	
	During 1889-90.	During 1890-91.		During 1889-90.	During 1890-91.
DIRECT CHARGES.	Rs.	Rs.		Rs.	Rs.
Maintenance and repairs.	24,900	26,454	Water-rates ...	22,990	36,823
			Navigation ...	...	...
Establishment ...	12,422	10,560	Miscellaneous ...	123	160
Tools and plant ...	991	389			
Total direct charges ...	38,313	37,403	Total ...	23,113	36,983
INDIRECT CHARGES.			*Less*—Refunds of revenue.	...	...
Capitalized abatement of land revenue	..	...			
Leave and pension allowances.	1,739	1,478	Total receipts ...	23,113	36,983
			Deficit ...	16,939	1,898
Total indirect charges	1,739	1,478			
Total working expenses	40,052	38,881	Total ...	40,052	38,881

The increased receipts are due to the recovery of outstanding arrears.

124. The receipts on Revenue Account and working expenses of the Sarun Canals for the last ten years are shown in the following statement:— FINANCIAL RESULTS.

	1881-82.	1882-83.	1883-84.	1884-85.	1885-86.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
RECEIPTS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Water-rates	3,865	16,268	22,057	8,397	39,737	11,072	21,070	20,415	22,990	36,823
Navigation	230	19	13	1	...	...	...	...	...	...
Miscellaneous	502	1,740	971	943	1,406	1,355	(—) 405	399	123	160
Total ...	4,317	18,027	23,041	9,341	41,143	12,427	20,665	20,814	23,113	36,983
Less—Refunds of revenue ...	...	...	...	...	...	...	...	...	..	...
Net total receipts ...	4,317	18,027	23,041	9,341	41,143	12,427	20,665	20,814	23,113	36,983
WORKING EXPENSES										
Direct charges.										
Maintenance and repairs	38,242	29,828	20,659	19,983	18,014	23,481	18,601	23,976	24,900	26,454
Establishment	8,793	6,860	4,751	4,596	4,144	5,400	9,119	10,248	12,422	10,560
Tools and plant	(—) 2,795	(—) 3,086	(—) 2,009	371	593	(—) 978	400	673	991	389
Total direct charges ...	44,240	33,602	23,401	24,950	22,751	27,903	28,120	34,897	38,313	37,403
Indirect charges.										
Capitalisation of abatement of land revenue	...	...	...	...	...	...	..	...	...	...
Leave and pension allowances ...	1,559	1,346	665	643	580	756	1,277	1,435	1,739	1,478
Total indirect charges ...	1,559	1,346	665	643	580	756	1,277	1,435	1,739	1,478
Total working expenses ...	45,799	34,948	24,066	25,593	23,331	28,659	29,397	36,332	40,052	38,881
Net revenue ...	(—) 41,482	(—) 16,921	(—) 1,025	(—) 16,252	17,812	(—) 16,232	(—) 8,732	(—) 15,518	(—) 16,939	(—) 1,898

LENGTH OF CANALS OPEN AND AREAS COMMANDED AND IRRIGATED.

125. The lengths of canal and distributaries in operation at the close of the year 1890-91, compared with 1889-90, are given in the following table:—

NAME OF CANAL.	1890-91.								1889-90.							
	Navigable canals.	Canals for irrigation only.	Distributaries and village channels.	Area protected from flood.	Area under command.	Area provided with distributaries.	Area irrigated.	Percentage of area irrigated to area provided with distributaries.	Navigable canals.	Canals for irrigation only.	Distributaries and village channels.	Area protected from flood.	Area under command.	Area provided with distributaries.	Area irrigated.	Percentage of area irrigated to area provided with distributaries.
Sarun Canals.		Miles.			Acres.		Acres.			Miles.			Acres.		Acres.	
Main canal or head cut		6·34								6·34						
Branch Canals.																
I.—Daha feeder		3·34	...	...	*64,000		2,226	...	...	3·34	...	...	64,000	..	4,215	..
II.—Gunduki		1·57								1·57						
III.—Dhanai		1·00								1·00						
IV.—Gangri		6·57								6·57						
In addition to the above, the following are maintained as supply channels:—																
I.—Takraha Sota ...		1·50	...	...	...		...	...	...	1·50	...	...	...	...	..	...
II.—Roopan Chap Sota		27 00	..	.	.	. .	...	...	...	27·00	...	. .	.	.	...	...

There are no distributaries or village channels maintained by Government, but several cuts and channels have been constructed and maintained by the Canal Managers.

RAINFALL.

126. The average rainfall on the area under command is shown by seasons in the table below for the last three years:—

	1888-89.	1889-90.	1890-91.
	Inches.	Inches.	Inches.
*Kharif season	18·66	19·47	24·60
Rabi	4·49	1·20	1·43
Year	42·39	45·09	58·63

*August, September, and October.

The rainfall during the year, especially in the kharif season, was excessive. In July the average fall was nearly 18 inches. There was consequently very little demand for water either for irrigation or indigo manufacture.

IRRIGATION.

127. The areas irrigated as obtained from the Canal Manager's reports during the past ten years, together with the rainfall, are given in the table below:—

YEAR.	Kharif.	Rabi.	Perennial.	Total.	Rainfall.
	Acres.	Acres.	Acres.	Acres.	Inches.
1880-81 ...	2,434	853	...	3,287	52·88
1881-82 ...	Not known.		...	666	43·50
1882-83 ...	Not known.		...	1,747	40·89
1883-84 ...	Not known.		...	21,122	26·32
1884-85 ...	1,917	5,306	...	7,223	35·42
1885-86 ...	888	3,677	...	4,565	39·27
1886-87 ...	566	1,580	...	2,146	60·96
1887-88 ...	1,699	2,519	...	4,218	39·63
1888-89 ...	3,897	3,316	...	7,213	42·39
1889-90 ...	2,684	1,531	...	4,215	45·09
1890-91 ...	990	1,236	...	2,226	58·63

DUTY OF WATER.

128. The duty of water cannot be calculated, as there is no regular irrigation, and the canals are drainage as well as irrigation channels.

ASSESSMENTS, COLLECTIONS AND BALANCES.

129. The following comparative statement shows the balances, assessments, and recoveries of water-rates for the last ten years:—

Year.	Amount outstanding at commencement of year.	Amount falling due during the year.	Total for recovery.	Cash realization.	Remitted or written off.	Balance at the end of the year.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1880-81	...	9,750 0 0	9,750 0 0	10,080 6 9	.	330 6 9
1881-82	330 6 9	23,600 0 0	22,669 9 3	5,871 12 0	...	16,794 13 3
1882-83	16,794 13 3	21,750 0 0	38,544 13 3	16,506 0 6	...	22,038 12 9
1883-84	22,038 12 9	21,750 0 0	43,788 12 9	22,959 10 3	.	20,829 2 6
1884-86	20,829 2 6	21,750 0 0	42,579 2 6	8,976 11 3		33,602 7 3
1855-86	33,602 7 3	21,750 0 0	55,352 7 3	39,718 9 3	2,770 13 4	12,863 0 8
1886-87	12,863 0 8	21,750 0 0	34,613 0 8	11,072 10 5	...	23,540 6 3
1887-88	23,540 6 3	21,850 0 0	45,390 6 3	21,069 9 0	...	24,320 13 3
1888-89	24,320 13 3	21,850 0 0	46,170 13 3	20,415 0 0	.	25,755 13 3
1889-90	25,755 13 3	21,850 0 0	47,605 13 3	22,900 0 3	1,250 0 0	23,365 13 0
1890-91	23,365 13 0	21,850 0 0	45,215 13 0	37,036 2 9	..	8,179 10 3
Total ...	...	2,28,900 0 0	...	2,16,699 8 5	4,020 13 4	8,179 10 3

The above figures do not agree with those of the Examiner, which have been taken in the statement of Revenue account.

The outstanding balance has considerably decreased, and there now only remains a sum of Rs. 8,179 to be recovered.

MAINTENANCE AND REPAIRS.

130. The following table shows the expenditure on maintenance during the passed three years:—

	Miles.	1888-89.	1889-90.	1890-91.
		Rs.	Rs.	Rs.
Repairs to head cut and river protective works	6·34	11,666	10,026	7,445
Repairs to Daha feeder ...	3·34	1,049	909	1,290
„ to Gundaki feeder .	1·57	1,206	1,118	1,735
„ to Dhanai feeder ...	1·00	618	722	592
„ to Gangri feeder ...	6·57	1,202	768	2,777
„ to dams and channels for irrigation purposes	...	8,235	11,357	12,615
Total ...	...	23,976	24,900	26,454
Establishment	...	10,248	12,422	10,560
Tools and plant (actual) ...	...	673	991	389
GRAND TOTAL ...	...	34,897	38,3 13	37,403

The main source of expense was the clearance of silt from the feeders and supply channels, and the dam at Chittahi required to maintain the Roopun Chup Sota in its original bed.

DREDGING AND SILT CLEARANCE.

131. There are no dredgers on the canals, and the silt is removed by hand only.

The following statement shows the total quantity of silt removed from the canals and the cost during the year as compared with those in previous year:—

	1889-90.		1890-91.	
	C. ft.	Rs.	C. ft.	Rs.
Head cut or main canal...	102,121	612	342,745	1,740
Feeders or branch canals	448,006	1,650	1,339,675	4,080
Takaraha Sota mouth ...	525,474	2,149	519,781	2,077
Total ...	1,075,601	4,411	2,232,201	7,897

PLANTATIONS.

132. The state of the plantations for the last two years is shown below:—

Year.	Trees over 12 feet.	Saplings between 4 and 12 feet.	Seedlings under 4 feet.	Total.
	No.	No.	No.	No.
1889-90 ...	4,947	2,410	3,905	11,262
1890-91 ..	5,475	2,837	3,695	12,007

The expenditure incurred was Rs. 183 against Rs. 390 in 1889-90.

GENERAL.

133. The arrangement by which a revenue of Rs. 21,850 was guaranteed by a number of the indigo concerns in the Sarun district has been finally abandoned, and on the 31st March 1891 the accounts were closed. For the current year a provisional arrangement has been made with Mr. D. Reid of the Moniara Indigo Concern, by which he is to have the use of the water and the receipts from a portion of the system in return for a payment of Rs. 11,000 per annum, together with the liability of maintaining and clearing the minor channels. It is estimated that with the Rs. 11,000 Government will be able to maintain the head works and main supply-channels. A proposal to enter into an agreement of this nature for a term of years is under consideration.

NUDDEA RIVERS.

REVENUE ACCOUNT.

134. The approximate length of the channels comprising the Nuddea rivers system is 477 miles. No capital account of expenditure is kept. The revenue account for the last two years is given below:—

	Expenditure.			Receipts.	
	During 1889-90.	During 1890-91.		During 1889-90.	During 1890-91.
	Rs.	Rs.		Rs.	Rs.
DIRECT CHARGES.					
I.—Works, Maintenance and Repairs.					
Works (extensions and improvements) ..	...	...			
Maintenance and Repairs ...	47,843	52,482	Navigation ...	1,85,983	2,00,508
Establishment, including direction and accounts	16,777	21,780	Miscellaneous ...	60	136
Tools and plant ...	2,250	2,476	Total ...	1,86,043	2,00,644
Suspense accounts ...	(—) 1,036	3,169	*Less*—Refunds of revenue ...	220	162
Total ...	65,834	79,907			
II.—Revenue Management.					
Navigation establishment	21,760	23,630			
Total direct charges ...	87,594	1,03,537			
INDIRECT CHARGES.					
Capitalized abatement of land revenue ...	...	...			
Leave and pension allowances ...	5,395	6,357			
Total indirect charges...	5,395	6,357			
Total working expenses	92,989	1,09,894			
Profit ...	92,834	90,588			
Total ...	1,85,823	2,00,482	Net total receipts	1,85,823	2,00,482

The receipts have increased by Rs. 14,659 and the working expenses by Rs. 16,905, net result being a profit of Rs. 90,588, against a profit of Rs. 92,834 in the previous year. The Superintending Engineer remarks that a revival of trade is indicated by a comparison of the quantities of goods carried, compared with those of the previous year.

FINANCIAL RESULTS.

135. The receipts on revenue account and working expenses for the last ten years are shown below:—

	1881-82.	1882-83.	1883-84.	1884-85.	1885-86.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
RECEIPTS.										
Navigation	2,10,040	1,82,351	2,00,908	1,94,981	1,83 382	2,02,707	1,98,318	1,91,791	1,85,983	2,00,508
Miscellaneous	1,179	616	1,926	476	399	543	357	97	60	136
Total ...	2,11,219	1,82,967	2,02,834	1,95,457	1,83,78[illegible]	2,03,250	1,98,675	1,91,888	1,86,043	2,00,644
Less—Refunds of revenue ...	...	...	...	...	...	...		..	220	162
Total receipts ...	2,11,219	1,82,967	2,02,824	1,95,457	1,83,781	2,03,250	1,98,675	1,91,888	1,85,823	2,00,482
WORKING EXPENSES.										
Direct Charges.										
Works (extensions and improvements) ...	10,330	5,063	1,031	30	..	..	...	...	...	
Maintenance and repairs ...	74,863	56,159	82,513	60,790	43,084	29 061	48,201	88,033	47,843	52,482
Establishment	53,320	32,910	40,336	34,766	31 563	29,293	41,925	43,395	3[illegible],537	45,410
Tools and plant	1,32,198	23,409	(−)1,502	1,749	1,759	1,409	3,593	2,380	2,250	2,476
Suspense accounts	(—)3,412	(—)1,557	2,897	(−)1,559	1,262	450	(−) 1,697	(—) 14	(—) 1,036	3,169
Total direct charges ...	2,67,308	1,16,674	1,25,275	95,776	77,668	60,213	92,022	1,34,694	87,594	1,03,537
Indirect Charges.										
Capitalized abatement of land revenue ...	...	..	...	...	..	.	...	...	.	..
Leave and pension allowances	7,465	4,607	5,647	4,867	4,419	4,101	5,870	6,075	5,395	6,357
Total indirect charges ...	7,465	4,607	5,647	4,867	4,419	4,101	5,870	6,075	5,395	6,357
Total working expenses ...	2,74,773	1,21,281	1,30,922	1,00,643	82,087	64,314	97,892	1,40,769	92,989	1,09,894
Net revenue ...	(—)63,554	61,686	71,912	94,814	1,01,694	1,38,936	1,00,783	51,119	92,834	90,588

NAVIGATION

136. The number of the boats of each class and toll collections by the Collectors are shown below:—

NUDDEA RIVERS.	NUMBER AND CLASS OF BOATS.						COLLECTIONS BY TOLL COLLECTORS.					
	Up to 100 maunds.	Between 100 and 1,000 maunds.	Between 1,000 and 2,500 maunds.	Between 2,500 and 5,000 maunds.	Over 5,000 maunds.	Total.	Tolls from boats.	Tolls from rafts.	Tolls from steamers and flats.	Total tolls.	Miscellaneous receipts.	Total collections.
	No.	No.	No.	No.	No.	No.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Bhagiruthi	6,211	4,037	1,103	321	4	11,676	34,242	3,948	955	39,145	136	2,00,644
Ditto and Bhyrub-Jollinghee	22,113	12,509	1,879	16	...	36,517	1,02,983	6,593	763	1,10,339		
Matabhanga	7,556	7,078	951	151	7	15,743	48,177	8,795	52	51,024		
Total, 1890-91 ...	35,880	23,624	3,933	488	11	63,936	1,79,402	19,336	1,770	2,00,508	136	2,00,644
Total, 1889-90 ...	30 847	22,614	3,745	476	2	57,691	1,66,599	16,810	2,573	1,85,982	61	1,86,043

TRAFFIC.

137. The following statement shows the number of boats, tonnage, weight and value of cargo and toll collections:—

NUDDEA RIVERS.	Number of boats, inclusive of steamers and rafts.	Tonnage of boats.	Weight of cargo.	Value of cargo.	Toll collection.	Percentage of toll on value of cargo.
	No.	Tons.	Tons.	Rs.	Rs.	
Bhagiruthi	11,734	196,226	96.611	65,62,664	39,145	...
Ditto and Bhyrub-Jollinghee	36,905	496,815	193.188	2,42,38,389	1,10,339	...
Matabhanga	15,838	206,170	90.034	91,32,157	51,024	...
Total, 1890-91 ...	64,477	899,210	380,033	3,99,33,210	2,00,508	0 50
Total, 1889-90 ...	58,868	792,453	335,972	3,39,73,315	1,85,982	0·55

MISSING TICKETS.

138. Regarding missing tickets, the following is extracted from Superintending Engineer's report:—

"Missing tickets have not been wholly accounted for by the Executive Engineer, who reports as follows:—'Without a special establishment for the purpose, it has been found impracticable to institute a systematic attempt to trace missing tickets. Where there is no terminal station, as on the Matabhanga, Hooghly, and Bhyrub, it is impossible for tickets to be returned to the office of issue. The through traffic up and down the Bhagiruthee from Suiroopgunge and Jungypore respectively can only be checked by return of tickets, and this forms the mininum of the total on the Nuddea Rivers."

"Under the orders conveyed in Bengal Government No. 782I of the 12th May 1890 check-measurement of boats were taken up by the Toll Collector of Jungipore and by the subordinate in charge of No. 6 subdivision. Out of 474 tickets checked by the former, 54 were found to show measurements in excess and 15 short-measured. By the latter 163 tickets were checked, 4 were found excess and 14 in defect. In all cases the differences were trifling. As check-measurements can only be made within toll limits, the number of tickets checked must necessarily be comparatively small."

REVENUE ESTABLISHMENT.

139. The cost of the revenue establishment for the last four years is shown below:—

	1887-88.	1888-89.	1889-90.	1890-91.
	Rs.	Rs.	Rs.	Rs.
Salary and commission of Collectors	12,217	12,671	11,943	13,224
Accounts and office establishment	9,030	9,397	8,986	9,223
Travelling allowance ...	479	463	390	711
Contingencies	450	475	441	472
Total ...	22,176	23,006	21,760	23,630

MAINTENANCE AND REPAIRS.

140. The charges for maintenance and repairs for the last two years are detailed below:—

PARTICULARS.	1889-90. Details.	1890-91. Details.
Repairs.	Rs.	Rs.
Reopening lower entrance channel, Bhagiruthee river	6,931	1,422
Closing Bhagiruthee, upper intake ...	7,264	...
Training works in river Bhagiruthee ...	17,849	31,438
" " Bhyrub ...	871	2,313
" " Jellinghee ...	792	1,695
" " Matabhanga ...	2,357	1,641
Sounding Nuddea Rivers	5,802	5,921
Maintaining and working divisional boats ...	3,027	2,862
Petty and other charges	2,950	5,190
Total	47,843	52,482

The total expenditure during the year shows an increase of Rs. 4,639, which is mainly due to the erection of training works in the section above Berhampore.

MISCELLANEOUS RECEIPTS.

141. The miscellaneous receipts during the year was Rs. 136 against Rs. 61 in the previous year.

DREDGING AND SILT CLEARANCE.

142. There was no expenditure under this head during the year.

PLANTATIONS.

143. There are no plantations on the banks of the rivers. During the year under review bamboos were planted on the berm of the Bhagiruthee embankment, but the result was not very successful.

FLOODS.

144. The flood in the Bhagiruthee river during the year was the highest ever recorded. It was higher than that of 1889-90 by 7¼ inches. A breach was caused in the left embankment of the river about a mile above the Laltakori retired line at Arizpore, by which considerable damage was done to the crops.

The gauge readings at Berhampore and Gheria for four years are given below:—

YEAR.			Berhampore.	Gheria.
1886	...	...	29′ 9½″	32·35
1887	...	...	30′ 1½″	31·50
1889	...	...	30′ 4½″	34·00
1890	...	...	30′11¾″	34·70

One effect of the increased volume which entered the upper head of the river was to deepen it, and training works were successful in keeping the whole river open for navigation throughout the year, and as a consequence the toll collections were more than those of the previous year.

The Jellinghee and Matabhanga rivers were also in high floods at the same time as the Bhagiruthee, but no damage of any consequence occurred.

EDEN CANAL.

RECEIPTS AND EXPENDITURE

145. The purpose for which this canal was originally constructed was, as stated in the last year's report, mainly to supply drinking-water. The receipts from, and expenditure on, it for the last two years are given below:—

		1889-90.	1890-91.
RECEIPTS.		Rs.	Rs.
Water-rates ...	..	8,503	2,795
Miscellaneous ...	...	867	802
Total receipts	...	9,370	3,597
EXPENDITURE.			
Works ...	...	1,786	584
Maintenance and repairs	...	15,692	24,612
Establishment ...	...	7,032	8,915
Tools and plant	..	270	684
Total expenditure	...	24,780	34,795
Balance, deficit	...	15,410	31,198

The receipts from water-rates were much less than those of the previous year, the decrease being due to the timely rainfall, which reduced the demand for canal water.

The expenditure during the year was Rs. 10,015 more than that of the previous year. The increase was mainly on silt clearance, on which item alone Rs. 9,101 was spent. The works carried out are detailed below:—

The sand dam across the Damoodar at Joojooty was carried away by a freshet in the river in March and repaired, but again carried away in the beginning of the current year.

The Channel No. 2 at Joojooty, as also No. 1 channel and the Banka at Joojooty, was cleared of silt at a cost of Rs. 2,984 and Rs. 6,117 respectively. The quantity of silt excavated was 1,223,305 cubic feet.

Sluice No. 2 at Joojooty was repaired, its iron gates remodelled, and a pair of new wooden gates fitted on the river-side at a cost of Rs. 1,070. The four old rivers which form a system of this canal, viz., Kana Nuddee, Kana Damoodar and North and South Saraswatty, which were choked up with weeds, were partially cleared during the year at a cost of Rs 347.

IRRIGATION.

146. Of 4,847 biggahs leased for irrigation during the year, only 3,989 biggahs were actually irrigated against 29,080 biggahs in 1889-90. The amount realized in advance at the rate of four annas per biggah was Rs. 1,211-14, of which Rs. 214-8 will have to be returned to the lessees for the unirrigated area of 858 biggahs. The earnings therefore were Rs. 997-6. Of arrears of water rates (Rs. 1,207-3-6) Rs. 1,183-7-0 was collected during the year, leaving a balance of Rs. 23-12-6 uncollected.

REVENUE ESTABLISHMENT.

147. The establishment employed on irrigation was Rs. 147, against Rs. 421 in 1889-90.

MADHUBAN CANAL.

EXPENDITURE.

148. The expenditure on works and maintenance of this canal during the last three years are given below:—

	1888-89.	1889-90.	1890-91.
	Rs.	Rs.	Rs.
Works	582	2,957	6,236
Maintenance ...	2,297	3,257	2.011
Establishment ...	1,315	3,100	3,293
Tools and plant ...	...	23	287
Total ...	4,194	9,337	11,827

The floods of 1890 again caused much damage to the Teur weir, owing mainly to which the expenditure during the year was Rs. 2,490 in excess of that of the previous year.

No revenue is derived at present from irrigation in this canal, the ryots being allowed to irrigate their lands free of cost.

The miscellaneous receipts during the year were Rs. 42, against Rs. 36 in 1889-90.

IRRIGATION.

149. There was no demand for irrigation from the canal during the kharif season, as the rainfall was sufficient. At the beginning of the poppy cultivation, however, some water was wanted, and 854 acres of land were irrigated. In 1889-90 the total area irrigated was 9,134 acres, of which 2,186 acres were for poppy cultivation.

GENERAL RESULTS.

NET REVENUE.

150. The net results of the year 1890-91 are shown below, compared with those of the previous year:—

	Receipts from all sources (less refunds).	Working expenses (direct and indirect).	Profit or loss.
MAJOR IRRIGATION WORKS.	Rs	Rs.	Rs.
1889-90	15,04,474	14,22,368	+82,106
1890-91	13,39,141	14,32,136	−92,995
MINOR WORKS AND NAVIGATION.			
For which Capital and Revenue accounts are kept.			
1889-90	5,83,989	3,88,171	+1,95,818
1890-91	6,27,654	4,39,636	+1,88,018
For which only Revenue accounts are kept.			
1889-90	1,85,823	92,989	+92,834
1890-91	2,00,482	1,09,894	+90,588
For which neither Capital nor Revenue accounts are kept.			
1889-90	9,406	34,117	−24,711
1890-91	3,639	46,622	−42,983
Total { 1889-90 ...	22,83,692	19,37,645	+3,46,047
Total { 1890-91 ...	21,70,916	20,28,288	+1,42,628

Compared with the figures accepted in the revised Budget Estimates, the actual receipts were less by Rs. 7,084, and the expenses less by Rs. 1,07,092.

EARNINGS.

151. The net result of the Major Irrigation Works reckoned on earnings, that is on assessed revenue instead of on actual receipts, was compared with 1889-90:—

	Earnings.	Working expenses.	Profit or loss.
	Rs.	Rs.	Rs.
1889-90 ...	14,50,115	14,22,368	+ 27,747
1890-91 ...	13,54,379	14,32,136	— 77,757

The decrease is accounted for by the reduced area under irrigation on the Sone Canals, due to favourable rainfall and to a diminution in the Navigation receipts on the Midnapore and Hidgellee Tidal Canals.

The expenditure was normal.

The revenue from Minor Works and Navigation is derived mainly from tollage receipts. There are satisfactory increases from the Calcutta and Eastern Canals, and from the Nuddea rivers, which are the most important items of this class.

ARREARS.

152. The progress in the recovery of water-rates during the year is summarised below:—

	Outstanding on 1st April 1890.	Demand of 1890-91.	Collected or adjusted.	Outstanding on 1st April 1891.
	Rs.	Rs.	Rs.	Rs.
Orissa Canals ...	1,76,762	2,69,650	2,48,048	1,98,364
Midnapore Canal ...	50,644	1,30,595	1,16 272	64,967
Sone Canals ...	2,81,782	6,29,124	6,66,178	2,44,728
Total ..	5,09,188	10,29,369	10,30,498	5,08,059

The progress on the Sone Canals has been good, and taken together with the diminished number of complaints is satisfactory evidence that the modifications in the system lately introduced have been successful. In Midnapore there has been a falling off, which it may be hoped is only temporary. In Orissa the outstanding balances have been steadily increasing, and the state of affairs is far from satisfactory. It is hoped that certain alterations in the method of assessment, which are now being considered, will be effective in placing that part of the work on a sound footing. It is, however, imperative that the rates shall be collected promptly, and this ever-increasing arrear balance put an end to.

VALUE OF CROPS.

153. The approximate value of crops irrigated by Major Irrigation Works during the last two years is shown below:—

CANALS.	1889-90.		1890-91.	
	Area irrigated.	Value of crops.	Area irrigated.	Value of crops.
	Acres.	Rs.	Acres.	Rs.
Orissa Canals ...	186,627	40,45,961	180,299	39,10,595
Midnapore Canal ...	68,810	17,20,250	82,002	18,86,046
Sone Canals ...	305,282	1,05,44,074	281,014	1,08,08,203
Total ...	560,719	1,63,10,285	543,315	1,66,04,844

The average value per acre of the various crops irrigated has increased from Rs. 29·0 to Rs. 30·5.

154. A table is attached as an appendix to this note showing the number of days spent on tour by each officer of the Irrigation Branch of the Department during the year 1890-91.

155. The date fixed for the submission of revenue reports to the office of the Chief Engineer is the 15th September. The dates when the different reports were received are shown below:—

		In 1890.	In 1891.
Orissa Circle ...	Commissioner's report ...	19th September	3rd September.
	Superintending Engineer's report	6th October ...	6th October.
South-Western Circle ...	Commissioner's report ...	22nd September	24th September.
	Superintending Engineer's report	26th ditto ...	17th ditto.
Sone Circle ...	Commissioner's report ...	20th ditto ...	7th October.
	Superintending Engineer's report	15th ditto ...	14th September.

The reports from the Commissioner of Orissa, and the Superintending Engineer, Sone Circle, were received within the fixed time, and the other reports were practically punctual, with the exception of those of the Commissioner of Patna and the Superintending Engineer, Orissa Circle. The finance and administrative accounts of the year 1890-91, due in the Chief Engineer's office on the 1st August, were received from the Examiner, Public Works Accounts, Bengal, on the 27th August and 5th September 1891, respectively.

J. M. McNEILE, Col., R.E.,
Chief Engineer.

The 17th December 1891.

APPENDIX I.

Statement showing the number of days spent on duty and on tour by Superintending, Executive, and Assistant Engineers of the Irrigation Branch during the year 1890-91.

NAME.	Circle or Division.	NUMBER OF DAYS— On duty.	NUMBER OF DAYS— On tour.	REMARKS.
Superintending Engineers.				
Buckley, R. B. ...	Sone	281	103	On privilege leave for 84 days.
Inglis, W. A. ...	Do.	25	8	
King, W. H. ...	Calcutta and South-Western ...	97	21	
McArthur, A. D., Lieut.-Col., R.E.	South-Western	275	61	On privilege leave for 90 days.
Odling, C. W. ...	Sone	78	36	On furlough for 287 days.
Rhind, R. H. ...	Orissa	365	73	
Executive and Assistant Engineers.				
Arnott, M. H. ...	Arrah and Buxar	365	283	Sub-divisional charge for 340 days.
Banerjee, Raj Kissen ...	Pooree, Mahanadi and Brahmini-Byturni.	167	2	In charge of sub-divisions. On privilege leave and furlough for 198 days.
Barlow, H. ...	Office of Superintending Engineer, Sone Circle, and Gunduck and Mahanadi Divisions.	233	71	Sub-divisional charge. On privilege and language leave for 132 days.
Butler, T. ...	Balasore and Mahanadi ...	365	94	Sub-divisional charge for 91 days.
Carter, R. E. ...	Northern Drainage and Embankment, Arrah and Buxar.	127	38	Sub-divisional charge. Furlough for 238 days.
Chowdhry, Krith Chunder ...	Damuda-Rupnarain Survey, Northern Drainage and Embankment, Nuddea Rivers, Office of Superintending Engineer, South-Western Circle, and Balasore.	275	29	Sub-divisional charge. Privilege leave for 90 days.
Clowes, T. H. ...	Buxar	365	241	Sub-divisional charge.
Coy, J. P. ...	Acquapada-Jajepore	365	99	
DeMello, C. H. ...	Cossye	365	135	Ditto.
Faulkner, G. W. ...	Mahanadi	75	13	Furlough for 290 days.
Fox, J. W. ...	Circular and Eastern Canals ...	365	84	Sub-divisional charge.
Fraser, L. R. ...	Dehree Workshops	365	65	Works lie mostly at head-quarters
Gregory, J. M. ...	Arrah	258	131	Transferred to North-Western Railway with effect from 17th December 1890.
Hayes, H. ...	Balasore	365	139	
Hewitt, J. C. ...	Chota Nagpore, Gunduck, and Eastern Sone.	297	69	Sub-divisional charge. Privilege leave for 68 days.
Horn, D. B. ...	Buxar and Brahmini-Byturni ...	113	42	Furlough for 252 days.
Inglis, W. A. ...	Arrah	340	101	
Jacobs, P. G. ...	Eastern Sone	334	253	Sub-divisional charge. Language leave for 31 days.
King, W. H. ...	......	268	...	Inspector of Local Works, Patna Division.
Lees, O. C. ...	Damuda-Rupnarain Survey and Gunduck.	365	135	Sub-divisional charge for 46 days.
Leeson, G. J. R. ...	Circular and Eastern Canals ...	365	139	
Livesay, C. E. ...	Nuddea Rivers	365	233	
Long, J. S. L. ...	Office of Superintending Engineer, Sone Circle, and Gunduck.	141	55	Sub-divisional charge. Furlough for 224 days.
Maconchy, G. C. ...	Brahmini-Byturni and 2nd Calcutta.	124	62	Sub-divisional charge for 111 days. Furlough for 241 days.
McCarthy, A. H. C. ...	Arrah	365	191	Sub-divisional charge.
Mitra, Beni Madhub ...	Buxar	365	207	Ditto.
Monies, A. ...	Brahmini-Byturni and Acquapada-Jajepore.	275	59	Privilege leave for 90 days.
Mookerjee, Nogendro Nath ...	Mahanadi	365	160	Sub-divisional charge.
Norman, M. J. J. P. ...	Gunduck	77	22	Furlough for 288 days.
Paramanic, Bama Churn ...	Northern Drainage and Embankment.	365	205	Sub-divisional charge.
Pellereau, H. E. ...	Cossye and Balasore	365	126	Ditto.
Roy Chowdhry, Amritolal ...	Mahanadi and Office of Superintending Engineer, Orissa Circle.	356	4	Sub-divisional charge. Privilege leave for 9 days.
Scotland, J. P. ...	Cossye	365	140	
Searight, G. L. ...	Mahanadi	365	219	Sub-divisional charge for 349 days
Sen, Kalipada ...	Brahmini-Byturni and Acquapada-Jajepore.	365	171	Sub-divisional charge.
Silk, A. E. ...	Brahmini-Byturni and Arrah ...	275	144	Sub-divisional charge. Privilege leave for 90 days.
Sircar, Annoda Prosad ...	Acquapada-Jajepore, Office of Superintending Engineer, Orissa Circle, and Brahmini-Byturni.	292	99	Sub-divisional charge. Privilege leave for 73 days.
Stawell, G. C. ...	Arrah and Gunduck and Sanitary Commissioner's Office.	365	79	Sub-divisional charge.
Stephen, K. H. ...	Buxar	365	151	
Swinden, J. R.. ...	Pooree	365	121	
Thomson, A. S. ...	Eastern Sone	365	174	
Thompson, T. M. L. ...	Northern Drainage and Embankment.	365	183	
White, C. A. ...	Gunduck, 2nd Calcutta, Chief Engineer's Office, Local Works, Burdwan, and Brahmini-Byturni.	365	18	Ditto.

STATISTICAL TABLES.

IA.

PUBLIC WORKS DEPARTMENT.

STATEMENT OF CANALS IN THE PROVINCE OF BENGAL.

		Orissa Canals.					Sone Canals.					
		Mahanuddy Series.	Brahmini-Byturni Series.	Total.	Midnapore Canal.	Hidgellee Tidal Canal.	Eastern Main Canal Series.	Western Main Canal Series.	Total.	Sarun Canals.	Calcutta and Eastern Canals.	Orissa Coast Canal.
Source of supply of water ...		River Mahanuddy.	Rivers Brahmini and Byturni.		River Cossye.	Rivers Rupnarain and Russulpore.	River Sone.			River Gunduck	River Hooghly and Soonderbund creeks.	Rivers Russulpore, Subunreka, Panchpara, Burrabolong and Metai.
Minimum discharge of river—cubic feet per second ... Kharif ...		Not observed	7,168·28	......	700	Tidal canal for navigation only.	5,257, October 22nd, 1883			5,092, March 26th, 1884	Tidal canal for navigation only.	Tidal canal for navigation only.
Rabi ...		2,161	885·46	3,046·46	200		1,868, February 16th, 1884					
Hot weather		224	122·01	346·01	50		447, May 27th, 1879					
Maximum discharge of canal—cubic feet per second ...		3,902	2,156·00	6,058·00	1,400		1,613	4,342	5,955	1,084		
Average annual rainfall ...	Inches	65·01	55·78	60·40	55·68		42·62	41·28	41·70	42·39		
Gross area commanded ...	Acres	373,772	137,500	511,272	180,000		406,155	1,322,354	1,728,509	64,000		
Culturable ditto ...	„	292,009	107,422	399,431	173,160		317,307	1,033,089	1,350,396	50,000		
Area irrigable by complete project	„	292,009	107,422	399,431	125,000		309,040	707,360	1,016,400	50,000		
Area irrigable at present ...	„	208,819	44,047	252,866	125,000		309,040	707,360	1,016,400	30,000		
Sanctioned estimate—												
Direct charges ...	Rs.	3,13,96,220		3,13,93,220	83,22,333	25,41,849	2,78,88,697		2,78,88,697	6,63,521	...	43,46,873
Indirect do. ...	„	9,19,625		9,19,625	1,83,711	67,620	13,99,607		13,99,607	33,111	...	1,28,068
Interest during construction ...	„	1,21,54,723		1,21,54,723	54,17,730	2,17,460	29,67,227		29,67,227	...	...	...
Total estimate	„	4,44,70,568		4,44,70,568	1,39,23,774(a)	28,26,929(b)	3,22,55,531		3,22,55,531	6,96,632	(c)	44,74,941

Expenditure to end of 1890-91—													
Direct charges ...	Rs.	2,42,17,926		2,42,17,926	82.44,242	19,97,787	2,55,27,996		2,55,27,996	6,69,570		52,32,872	42,35,0
Indirect do. ...	,,	5,46,188		5,46,188	1,84,133	49,600	9,05,360		9,05,360	27,183		61,025	1,03,018
Interest during construction ...	,,	1,56,93,666		1,56,93,666	60,79,140	14,80,445	1,55,62,825		1,55,62,825	...		...	...
Total expenditure ...	,,	4,04,57,780		4,04,57,780	1,45,07,515	35,27,832	4,19.96,181		4,19,96,181	6,96,753		52,93,897	43,38,077(*d*)
Works as now sanctioned—													
Main canals, irrigation	Miles	138¾	31½	170¼	53	29	86¼	132¼	218½		6½	47(*e*)	99
Branch do. do. ...	,,	107¼	6	114¼	19	Nil	Nil	148¾	148¾		12½	Nil	Nil
Distributaries ...	,,	1,763	364	2,147(*f*)	304·89	Nil	358	852¾	1,210¾	Nil		Nil	Nil
Of above—													
Navigable channels ...	Miles	199½	38	237½	72	29	86¼	132¼	21	Nil		47	99
Works completed at end of 1890-91—													
Main canals, irrigation	Miles	114	31½	145½	53	29	86¼	132¼	218½		6½	47	97½
Branch do. do. ...	,,	100	6½	106½	19	Nil	Nil	148¾	148¾		12½	Nil	Nil
Distributaries ...	,,	715¼	49½	764¾	283·19	Nil	358	852¾	1,210¾	Nil		Nil	Nil
Of above—													
Navigable channels ...	Miles	139	38	177	72	29	86¼	132¼	218½	Nil		47	97½ *g*)

(*a*) The sanction to the construction estimate having been withdrawn, the figures shown here represent the actual expenditure to end of 1888-89, plus the amounts sanctioned by the Government of India for expenditure during 1889-90 and 1890-91.
(*b*) Includes Rs. 7,91,963 sanctioned by the Secretary of State for remodelling this canal. Interest on charges against old sanctions that have expired is shown here.
(*c*) There is no general sanctioned estimate for this project.
(*d*) Includes Rs. 8,66,000 expended from famine relief funds.
(*e*) Includes 20 miles of Kaorapukhur Khall.
(*f*) Includes village channels.
(*g*) Exclusive of 4½ miles of river crossings.

IB.

PUBLIC WORKS DEPARTMENT, BENGAL.

CAPITAL ACCOUNTS OF IRRIGATION WORKS IN BENGAL FOR AND TO END OF 1890-91.

		Direct charges (net expenditure).						Indirect charges, exclusive of interest.	Total capital, excluding interest.	Simple interest.
		Works.	Establishment.	Tools and plant.	Suspense accounts.	Losses by exchange.	Total.			
Major Irrigation Works.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Orissa project ...	To end of previous year	1,71,27,749	43,46,212	19,82,507	1,61,792	2,68,070	2,38,86,330	5,39,516	2,44,25,846	1,47,31,581
	During 1890-91 ...	2,78,990	47,656	7,089	—2,139	......	3,31,596	6,672	3,38,268	9,62,085
Midnapore canal	To end of previous year	53,38,104	19,16,744	8,90,947	39,537	94,800	82,80,132	1,83,974	84,64,106	57,48,653
	During 1890-91 ...	2,535	1,136	—24	—39,537	......	—35,890	159	—35,731	3,30,487
Hidgellee Tidal canal.	To end of previous year	13,14,881	4,48,048	59,184	......	22,790	18,44,903	44,563	18,89,466	14,03,591
	During 1890-91 ...	99,423	35,978	17,483	......	......	1,52,884	5,037	1,57,921	76,854
Sone project ...	To end of previous year	1,80,81,836	50,77,395	19,88,516	1,56,648	52,240	2,53,56,635	9,02,567	2,62,59,202	1,45,45,132
	During 1890-91 ...	1,30,384	19,850	6,411	14,716	......	1,71,361	2,793	1,74,154	10,17,693
Total ...	To end of previous year	4,18,62,570	1,17,88,399	49,21,154	3,57,977	4,37,900	5,93,68,000	16,70,620	6,10,38,620	3,64,28,957
	During 1890-91 ...	5,11,332	1,04,620	30,959	—26,960	......	6,19,951	14,661	6,34,612	23,87,119
Minor Works and Navigation.										
Tirhoot project ...	To end of previous year	90,685	4,32,943	6,797	......	......	5,31,425	74,650	6,06,075	......
	During 1890-91 ...	......	......	......	......	......	......	......	......	......
Damoodur " ...	To end of previous year	50,277	94,864	4,800	......	......	1,49,941	16,239	1,66,180	......
	During 1890-91 ...	—1,200	......	......	......	......	—1,200	......	—1,200	......
Sarun " ...	To end of previous year	4,79,448	1,64,170	25,952	......	......	6,69,570	27,183	6,96,753	......
	During 1890-91 ...	......	......	......	......	......	......	......	......	......
Orissa Coast canal	To end of previous year	32,54,166	7,24,499	2,06,567	32,615	......	42,17,847	1,02,166	43,20,013	......
	During 1890-91 ...	17,254	6,085	—4,098	—2,029	......	17,212	852	18,064	......
Calcutta and Eastern canals.	To end of previous year	44,82,561	3,84,396	3,48,236	12,066	......	52,27,259	60,945	52,88,204	......
	During 1890-91 ...	1,599	574	3,427	13	......	5,613	80	5,693	......
Total ...	To end of previous year	83,57,137	18,01,872	5,92,352	44,681	......	1,07,96,042	2,81,183	1,10,77,225	......
	During 1890-91 ...	17,653	6,659	—671	—2,016	......	21,625	932	22,557	......
GRAND TOTAL ...	To end of previous year	5,02,19,707	1,35,90,271	55,13,506	4,02,658	4,37,900	7,01,64,042	19,51,803	7,21,15,845	3,64,28,957
	During 1890-91 ...	5,28,985	1,11,279	30,288	—28,976	......	6,41,576	15,593	6,57,169	23,87,119

NOTE.

Receipts on capital account deducted from the following heads.

		Works.	Establishment.	Tools.	Total.
		Rs.	Rs.	Rs	Rs.
Orissa project ...	To end of previous year ...	44,292	13,300	28,280	85,872
	During 1890-91	159	...	...	159
Midnapore canal ...	To end of previous year ...	11,903	7,300	11,590	30,793
	During 1890-91	765	...	...	765
Hidgellee Tidal canal.	To end of previous year ...	...	...	915	915
	During 1890-91	...	...	...	...
Sone projec ...	To end of previous year ...	2,03,290	32,711	1,33,640	3,69,641
	During 1890-91	2,315	...	...	2,315
Tirhodt project ...	To end of previous year ...	45	74	39	158
	During 1890-91	...	...	...	...

		Works.	Establishment.	Tools.	Total.
		Rs.	Rs.	Rs.	Rs.
Damodur project ...	To end of previous year ...	40,349	...	2,300	42,649
	During 1890-91	1,200	...	...	1,200
Sarun " ...	To end of previous year ...	493	...	...	498
	During 1890-91	...	...	...	...
Orissa Coast Canal	To end of previous year ...	3,013	260	5	3,278
	During 1890-91	15	...	...	15
Calcutta and Eastern canals.	To end of previous year ...	44,454	...	...	44,454
	During 1890-91	...	...	...	...

I

PUBLIC WORKS

STATEMENT SHOWING THE FINANCIAL RESULTS OF IRRIGATION

Realizations under main heads of

Irrigation Works.	Revenue (Actual Receipts).										Revenue	
	Irrigation.										Establish	
	Water-rate directly paid.	Share of land revenue.	Total.	Navigation.	Plantations.	Water-power.	Miscellaneous.	Total.	Refunds of revenue.	Gross revenue (less refunds).	Direction.	Executive.
1	2	3	4	5	6	7	8	9	10	11	12	13
MAJOR IRRIGATION WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Orissa project	2,09,806	...	2,09,806	1,21,498	1,035	...	12,673	3,45,012	76	3,44,936	5,566	60,864
Midnapore canal	1,15,438	...	1,15,438	1,12,754	52	...	8,052	2,37,196	205	2,36,991	2,626	17,155
Hidgellee Tidal canal ...	...	...	...	27,145	68	...	831	28,044	..	28,044	676	3,642
Sone project	6,44,718	...	6,44,718	65,629	355	1,158	24,615	7,36,475	7,305	7,29,170	6,898	87,549
Total Major Irrigation Works.	9,69,962	...	9,69,962	3,27,026	1,510	1,158	47,071	13,46,727	7,586	13,39,141	15,766	1,69,210
MINOR WORKS AND NAVIGATION.												
Works for which capital and revenue accounts are kept.												
Sarun project	36,823	...	36,823	...	6	...	154	36,983	...	36,983	661	4,619
Orissa Coast canal ...	...	...	...	64,220	8	...	1,402	65,630	44	65,586	1,058	6,668
Calcutta and Eastern canals	...	...	...	5,19,263	35	...	5,848	5,25,146	61	5,25,085	4,664	27,357
Total ...	36,823	...	36,823	5,83,483	49	...	7,404	6,27,759	105	6,27,654	6,383	38,644
Works for which only revenue accounts are kept.												
Nuddea rivers	...	..	...	2,00,508	...	...	136	2,00,644	162	2,00,482	1,312	9,578
Works for which neither Capital nor revenue accounts are kept.												
Eden canal	2,795	...	2,795	...	...	...	802	3,597	...	3,597	...	...
Total Minor Works and Navigation.	39,618	...	39,618	7,83,991	49	...	8,342	8,32,000	267	8,31,733	7,695	48,222
Grand Total ...	10,09,580	...	10,09,589	11,11,017	1,559	1,158	55,413	21,78 727	7,853	21,70,874	23,461	2,17,432

(a) Irrigation revenue officers specially
(b) A temporary establishment costing
NOTE.—The charges for "Direction" and "Executive" establishment have been equally

C.

DEPARTMENT, BENGAL.

WORKS IN BENGAL FOR THE YEAR ENDING 31ST MARCH 1891.

Revenue and Working Expenses.

WORKING EXPENSES.															
MANAGEMENT.			MAINTENANCE OF WORKS.												
ment.			Establishment.												
Navigation.	Civil officers (a).	Total revenue management.	Direction.	Executive.	Medical.	Total.	Works.	Repairs.	Sundries.	Tools and plant.	Plantations.	Total cost of maintenance.	Indirect charges.	Grand total working expenses.	Net revenue.
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
16,110	52,591	1,35,140	5,566	60,863	...	66,429	...	2,21,993	1,225	13,951	645	3,04,243	28,220	4,67,603	—1,22,667
7,711	22,809	50,301	2,626	17,155	...	19,781	...	1,04,865	...	23,929	173	1,48,748	9,811	2,08,860	28,181
2,833	...	7,151	676	3,642	...	4,318	...	26,620	..	13,487	383	44,817	1,606	53,574	—25,580
14,242	1,45,528	2,54,217	6,808	87,550	...	94,448	3,263	2,65,110	168	28,527	7,544	3,99,069	48,813	7,02,099	27,071
40,905	2,20,928	4,46,809	15,766	1,69,210	..	1,84,976	3,263	6,18,606	1,393	79,894	8,745	8,96,877	88,450	14,32,136	—92,[illegible]95
...	...	5,280	662	4,618	..	5,280	...	26,378	...	389	76	32,123	1,478	38,881	—1,898
6,208	...	13,934	1,058	6,668	...	7,726	...	42,312	...	9,794	...	59,832	3,032	76,798	—11,212
38,343	...	70,364	4,663	27,357	.	32,020	36,676	1,44,814	...	20,691	5,058	2,39,259	14,334	3,23,957	2,01,128
44,551	..	80,578	6,383	38,613	...	45,026	36,676	2,13,504	...	30,874	5,134	3,31,214	18,844	4,30,636	1,88,018
23,630		34,520	1,312	9,578	.	10,890		52,482	3,169	2,476	..	69,017	6,357	1,09,894	90,688
.	...(b)	...	...	8,915	...	8,915	584	24,612	...	684	...	34,795	...	34,795	(—)31,198
68,181	.	1,24,098	7,695	57,136	..	64,831	37,260	2,90,598	3,169	34,034	5,134	4,35,026	25,201	5,84,325	2,47,408
1,09,086	2,20,928	5,70,907	23,461	2,26,346	..	2,49,807	40,523	9,09,204	4,562	1,13,928	13,879	13,31,903	1,13,651	20,16,461	1,54,413

employed in collection of revenue.
Rs. 147, was entertained dur ng the year for Eden Canal Irrigation.
(approximately) apportioned under the heads " Revenue management " and " Maintenance."

IIC.

PUBLIC WORKS DEPARTMENT, BENGAL.

STATEMENT SHOWING THE FINANCIAL RESULTS OF IRRIGATION WORKS IN BENGAL FOR 1890-91, BASED ON ACTUAL RECEIPTS.

Principal results of operations for the year ended 31*st March* 1891.

Irrigation work.	Direct and indirect outlay to end of 1890-91.	Gross receipts, direct and indirect, from all sources (less refunds.)	Working expenses, direct and indirect.	Net revenue (excluding charges for interest).	Interest at 4 per cent. on direct capital outlay at commencement of year and at 2 per cent. on outlay during the year.	Surplus revenue after paying interest on direct Capital outlay.		Excess charges, including interest on direct Capital outlay.	
						Amount.	Percentage on total sum at charge.	Amount.	Percentage on total sum at charge.
1	2	3	4	5	6	7	8	9	10
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Major Irrigation Works.									
In operation.									
Hidgellee Tidal canal ...	20,47,387	28,044	53,574	—25,530	76,854	...	...	1,02,384	5·00
In progress.									
Orissa project	2,47,64,114	3,44,936	4,67,603	—1,22,667	9,62,085	...	...	10,84,752	4·38
Midnapore canal	84,28,375	2,36,991	2,08,860	28,131	3,30,487	...	...	3,02,356	3·53
Sone project	2,64,33,356	7,29,170	7,02,099	27,071	10,17,693	...	...	9,90,622	3·74
Total ...	6,16,73,232	13,39,141	14,32,136	—92,995	23,87,119	...	...	24,80,111	4·02
Minor Works and Navigation.									
In operation.									
Sarun project	6,96,753	36,983	38,881	—1,898	...	...	...	...	...
Calcutta and Eastern canals ...	52,93,897	5,25,085	3,23,957	2,01,128	...	...	...	...	...
Nuddea rivers	...	2,00,482	1,09,894	90,588	...	...	...	...	...
In progress.									
Orissa Coast canal	43,38,077	65,586	76,798	—11,212	...	...	...	...	...
Abandoned or held in abeyance.									
Tirhoot project	6,06,075	...	...	...	...	...	...	...	...
Damoodur project	1,64,980	...	...	...	...	...	...	...	...
Total ...	1,10,99,782	8,28,136	5,49,530	2,78,606	...	...	...	...	...

IIIC.

PUBLIC WORKS DEPARTMENT, BENGAL.

DEMANDS AND REALIZATIONS DURING THE YEAR 1890-91.

	Balance of demand unrealized at commencement of year.	Demands of the year.	Total.	Deduct remissions not including cash refunds.	Net total.	Deduct amount unrealized at close of the year.	Actual receipts of the year.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Major Irrigation Works.							
Orissa Project	1,76,762	4,04,856	5,81,618	38,242	5,43,376	1,98,364	3,45,012
Midnapore Canal ...	50,644	2,52,353	3,02,997	834	3,02,163	64,967	2,37,196
Hidgellee Tidal Canal ...	...	28,044	28,044	...	28,044	...	28,044
Sone Project	2,81,782	7,20,881	10,02,663	21,460	9,81,203	2,44,728	7,36,475
Total ...	5,09,188	14,06,134	19,15,322	60,536	18,54,786	5,08,059	13,46,727
Minor Works and Navigation.							
Sarun Project	33,787	22,010	55,797	...	55,797	18,814	36,983
Orissa Coast Canal ..	...	65,630	65,630	...	65,630	...	65,630
Calcutta and Eastern Canals	...	5,25,146	5,25,146	...	5,25,146	...	5,25,146
Nuddea Rivers	...	2,00,644	2,00,644	...	2,00,644	...	2,00,644
Total ...	33,787	8,13,430	8,47,217	...	8,47,217	18,814	8,28,403
GRAND TOTAL ...	5,42,975	22,19,564	27,62,539	60,536	27,02,003	5,26,873	21,75,130

NOTE.—Refunds of revenue have not been deducted from actual receipts of the year.

IV

PUBLIC WORKS

STATEMENT SHOWING THE FINANCIAL RESULTS OF IRRIGATION WORKS IN

Principal results of operations for

Irrigation Works.	Capital outlay (direct and indirect) to end of the year.	Revenue Assessed — Direct assessed — Occupier's rate (water-rates).	Owner's rate.	Plantations.	Water-power.	Navigation.
MAJOR IRRIGATION WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Orissa Project	2,47,64,114	2,69,310	......	1,035	......	1,21,498
Midnapore Canal	84,28,375	1,23,043	......	52	......	1,12,754
Hidgellee Tidal Canal ...	20,47,387	......	......	68	......	27,145
Sone Project	2,64,33,356	5,92,847	......	355	1,158	65,629
Total Major Irrigation Works...	6,16,73,232	9,85,200	......	1,510	1,158	3,27,026
MINOR WORKS AND NAVIGATION.						
Works for which Capital and Revenue accounts are kept.						
Sarun Project	6,96,753	21,850	......	6	......	.....
Orissa Coast Canal ...	43,38,077	......	......	8	......	64,220
Calcutta and Eastern Canals ...	52,93,897	......	......	35	...	5,19,263
Total ...	1,03,28,727	21,850	......	49	......	5,83,483
Works for which only Revenue accounts are kept.						
Nuddea Rivers	......	......	......	......	......	2,00,508
Total Minor Works and Navigation.	1,03,28,727	21,850	......	49	......	7,83,991

C.

DEPARTMENT, BENGAL.

BENGAL FOR THE YEAR ENDED 1890-91, BASED ON ASSESSMENTS OF THE YEAR.

the year ended 31*st March* 1891.

DURING THE YEAR.						Working expenses, direct and indirect.	Net assessed revenue of the year.	Percentage on capital outlay to end of the year.
REVENUE.		Refunds of revenue.	Gross assessed revenue,—less refunds.	Indirect revenue.—Land revenue due to operations of canals.	Grand total.			
Miscellaneous.	Total.							
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
12,673	4,04,516	76	4,04,440	......	4,04,440	4,67,603	(—)63,163	·25 deficit.
8,952	2,44,801	205	2,44,596	......	2,44,596	2,08,860	35,763	·42 profit.
831	28,044	...	28,044	......	28,044	53,574	(—)25,530	·21 deficit.
24,615	6,84,604	7.305	6,77,299	......	6,77,299	7,02,099	(—)24,800	·09 deficit.
47,071	13,61,965	7 586	13,54,379	......	13,54,379	14,32,136	(—)77,757	·12 deficit.
154	22,010	...	22,010	......	22,010	38,881	(—)16,871	2·42 deficit.
1,402	65,630	44	65,586	......	65,586	76,798	(—)11,212	0·25 deficit.
5,848	5,25,146	61	5,25,085	......	5,25,085	3,23,957	2,01,128	3·79 profit.
7,404	6,12,786	105	6,12,681	......	6,12,681	4,39,636	1,73,045	1·67 profit.
136	2,00,644	162	2,00,482	......	2,00,482	1,09,894	90,588	......
7,540	8,13,430	267	8,13,163	......	8,13,163	5,49,530	2,63,[illegible]33	......

ID.

PUBLIC WORKS DEPARTMENT.

STATEMENT OF TRAFFIC ON CANALS IN BENGAL DURING THE YEAR 1890-91.

		Orissa Canals.	Midnapore Canal.	Hidgellee Tidal Canal.	Sone Canals.	Calcutta and Eastern Canals.	Orissa Coast Canal.	Total.	Nuddea Rivers.
Length of canal open for navigation...	Miles	177	72	29	218½	(a)47	(b)97½	641	477
RECEIPTS.									
Tollage—Private boats ...	Rs.	96,023	1,08,799	26,658	39,344	5,14,418	61,138	8,46,380	1,98,738
„ Government boats ...	„	7,713	...	257	9,801	...	2,578	20,349	...
„ Rafts	„	3,225	2,031	230	7,648	327	504	13,965	1,770
Carrying operations or transport services. } Government boats.	„	14,123	...	...	9,036	...	...	23,159	...
Fines and Sundries	„	2	1,924	...	...	4,518	...	6,444	...
Total receipts ...	„	1,21,086*	1,12,754	27,145	65,629	5,19,263	64,220	9,10,097	2,00,508
Maintenance charges, including special navigation establishment ...	„	45,157	13,678	53,574	31,648	3,24,018	76,842	5,44,917	1,10,056
Net revenue of year ...	„	75,929	99,076	(—)26,429	33,981	1,95,245	(—)12,622	3,65,180	90,588
Total number of boats plying cargo...	No.	(c)9,940	17,226	9,419	4,358	98,178	11,830	1,51,451	29,351
„ „ „ passenger	„	3,055	14,792	796	454	14,615	1,815	35,527	24,313
Total registered tonnage of boats by canal measurement, cargo ...	Tons.	(d)161,280½	266,155	83,362	88,700	2,569,384	101,193	3,270,074½	(e)362,955
Total registered tonnage of boats by canal measurement, passenger ...	„	81,957½	90,926	7,752	11,384	41,516	19,334	252,869½	36,255
Ton-mileage—Up ...	„	4,965,806	4,832,895	871,123	2,326,580	19,456,025	1,953,766	34,406,195	Nil.
Down ...	„	5,846,423	2,882,986	645,127	3,442,949	2,958,044	1,729,200	17,534,729	
Total ...		10,812,229	7,715,881	1,516,250	5,769,529	22,414,069	3,682,966	51,940,924	...
Estimated value of cargoes—Up ...	Rs.	28,92,273	79,56,462	10,67,289	20,22,495	5,35,00,577	12,06,373	6,86,45,469	1,69,50,233
Down ...	„	55,15,125	68,01,615	9,50,160	42,87,820	84,25,927	14,86,230	2,74,66,877	2,29,82,977
Total ...	„	84,07,398	1,47,58,077	20,17,449	63,10,315	6,19,26,504	26,92,603	9,61,12,346	3,99,33,210
Number of passengers—Total ...	No.	96,079	187,700	22,420	46,095	103,795	49,307	505,396	74,357
Rafts, feet × feet × feet—Up ...	c. ft.	76,456	149,403	24,007	6,311	62,726	22,524	341,427	3,432
„ „ „ Down ...	„	574,582	5,437	8,155	2,823,899	16,333	8,419	3,436,825	206,530
Total ...	„	651,038	154,840	32,162	2,830,210	79,059	30,943	3,778,252	209,962
Estimated value of rafts—Total ...	Rs.	1,14,152	75,314	61,523	2,15,399	1,77,389	13,051	6,56,828	1,84,902
Tollage on boats per ton per mile ...	Pies.	1·84	3·01	3·3	1·62	4·40	3·3	...	...
Tollage on rafts per 100 cubic feet ...	Rs.	0·49	1·31	0·71	0·27	0·37	1·56	...	0·87

* Exclusive of Rs. 412 being receipts from steamer *Garnet* which have been credited by the Examiner to the transport service.

(a) This length is that of the Calcutta and new canals and Tolly's nullah, with 20 miles of Kaorapookur khall. The Eastern canals are 316 miles in length, of which the inner boat route is 189 miles, and the outer boat route 127 miles; the steamer route is 350 miles. Total length is 713 miles.

(b) Exclusive of 4½ miles of river crossings.

(c) Exclusive of 8,742 empty boats.

(d) Exclusive of 64,006½ tons of empty, cargo and passenger boats, and 7,005 tons of Government cargo boats.

(e) Inclusive of tonnage of empty boats.

IID.

PUBLIC WORKS DEPARTMENT, BENGAL.

DESCRIPTION AND QUANTITIES OF GOODS, &c., CARRIED ON CANALS IN BENGAL DURING THE YEAR 1890-91.

	ORISSA CANALS.						MIDNAPORE CANAL.						HIDGELLEE TIDAL CANAL.						SONE CANALS.					
	TOTAL.				PRIVATE.		TOTAL.				PRIVATE.		TOTAL.				PRIVATE.		TOTAL.				PRIVATE.	
	Quantity—Tons.			Value.	Quantity.	Value.	Quantity—Tons.			Value.	Quantity.	Value.	Quantity—Tons.			Value.	Quantity.	Value.	Quantity—Tons.			Value.	Quantity.	Value.
	Up.	Down.	Total.	Rs.	Tons.	Rs.	Up.	Down.	Total.	Rs.	Tons.	Rs.	Up.	Down.	Total.	Rs.	Tons.	Rs.	Up.	Down.	Total.	Rs.	Tons.	Rs.
Grain ...	12,083	43,569½	55,652½	40,35,265	55,792½	40,33,265	54,535	6,554	60,089	33,81,762	60,089	33,81,762	18,839	39	18,878	8,89,816	18,878	8,89,816	1,584	14,649	16,233	11,04,212	16,233	11,04,212
Cotton ...	926½	151½	1,078	2,91,325	1,078	2,91,325	14	121	135	2,59,828	135	2,59,828	...	...	...	...	...	...	81	...	81	80,329	81	80,329
Oilseeds ...	2,246	7,755	10,001	12,90,864	10,001	12,90,864	3,110	1,365	4,473	4,81,215	4,475	4,81,215	80	57	137	16,910	137	16,910	775	9,124	9,899	10,54,933	9,899	10,54,933
Salt ...	737	2,724½	3,461½	2,81,555	3,461	2,81,555	...	11,162	11,163	11,37,057	11,163	11,37,057	...	2,902	2,902	3,16,991	2,902	3,16,991	3,976	43	4,019	4,42,640	4,019	4,42,640
Piece-goods ...	198½	65½	264	1,43,920	264	1,43,920	164	605	769	20,35,660	769	20,35,660	1	188	189	1,32,875	189	1,32,875	1,786	393	2,179	8,70,704	2,169	8,69,999
Metals ...	134	15½	149½	54,500	149½	54,500	863	1,159	2,022	15,64,552	2,022	15,64,552	32	51	83	14,350	83	14,350	170	39	209	4,73,909	199	4,73,899
Building materials.	1,029	7,854½	8,883½	97,795	5,380	91,313	6,224	355	6,579	34,683	6,579	34,683	341	633	974	7,633	674	6,848	997	3,529	4,526	41,051	1,426	19,823
Miscellaneous	11,526	5,971	17,497	22,05,348	17,497	22,05,348	9,042	10,507	19,549	58,15,649	19,549	58,15,649	4,096	3,348	7,444	6,33,959	7,423	6,26,869	2,984	9,866	12,850	21,83,295	11,223	21,74,438
Fuel ...	1,441	344½	1,785½	6,826	1,721½	6,646	1,138	2,756	3,894	47,671	3,894	47,671	62	782	844	5,915	741	5,190	544	3,248	3,792	34,608	3,312	28,541
Timber ... (C. ft.)	70,830	198,972	269,862	81,622	269,802	81,622	112,219	4,193	116,412	71,456	116,412	71,456	22,507	3,880	26,387	60,801	26,387	60,804	366	15,522	15,887	64,375	15,710	76,581
Timber ... (No.)	...	594	594		594																			
Bamboos ... (C. ft.)	5,326	305,303	310,629	32,531	310,629	32,531	37,184	1,244	38,428	3,858	38,428	3,858	1,500	4,275	5,775	722	5,775	722	658	10,226	10,984	1,55,680	10,884	1,55,645
Bamboos ... (No.)	1,200	266,974	268,174		268,174																			
Total Tons ...	30,321	68,458½	98,779½	88,21,551	95,351½	85,14,389	75,090	33,584	108,674	1,48,33,391	108,674	1,48,33,391	23,451	8,000	31,451	20,78,972	31,027	20,71,367	13,920	66,639	80,559	65,25,714	75,155	64,80,750
Total C. ft. ...	76,156	504,275	580,431		580,431		149,403	5,437	154,840		154,840		24,007	8,155	32,162		32,162		...	...	...	...	...	...
Total No. ...	1,200	267,565	268,765		268,768		...	...	...		...		...	...	...		...		...	...	...	...	...	...

IID—*concluded.*

PUBLIC WORKS DEPARTMENT, BENGAL.

DESCRIPTION AND QUANTITIES OF GOODS, &c., CARRIED ON CANALS IN BENGAL DURING THE YEAR 1890-91.

ORISSA COAST CANAL.

Description.	Total. Quantity—Tons. Up.	Total. Quantity—Tons. Down.	Total. Quantity—Tons. Total.	Total. Value. Rs.	Private. Quantity. Tons.	Private. Value. Rs.
Grain	22,901	2,306	25,207	10,83,920	25,207	10,83,920
Cotton	9	...	9	5,260	9	5,260
Oilseeds	150	...	150	13,000	150	13,000
Salt	257	2,714	2,971	3,28,514	2,971	3,28,514
Piece-goods ...	1	203	204	2,53,900	204	2,53,900
Metals	82	19	101	29,570	77	18,900
Building materials	486	1,368	1,854	16,909	350	4,100
Miscellaneous ...	2,506	4,864	7,370	9,49,351	7,255	9,43,677
Fuel	286	1,071	1,357	12,185	1,204	9,939
Timber	c. ft. 14,774	c. ft 183	c. ft. 14,957	11,583	c. ft. 14,957	11,583
Bamboos	c. ft. 7,750	c. ft. 8,236	c. ft. 15,986	1,468	c. ft. 15,426	1,423
Total { Tons ...	26,678	12,545	39,223	27,05,654	37,427	26,73,316
Total { C. ft. ...	22,524	8,419	30,943		30,383	

CALCUTTA AND EASTERN CANALS.

Description.	Total. Quantity—Tons. Up.	Total. Quantity—Tons. Down.	Total. Quantity—Tons. Total.	Total. Value. Rs.	Private. Quantity. Tons.	Private. Value. Rs.
Grain	2,37,516	230	2,37,746	2,39,05,188	237,746	2,39,05,188
Cotton	958	...	958	2,74,875	958	2,74,875
Oilseeds	12,152	133	12,285	14,67,509	12,285	14,67,509
Salt	13,256	59,497	72,753	68,83,094	72,753	68,83,094
Piece-goods ...	...	...	...	...	...	...
Metals	2,726	304	3,030	3,64,756	3,030	3,64,756
Building materials	1,16,433	1,361	1,17,794	10,29,792	117,794	10,29,792
Miscellaneous ...	2,54,267	19,564	2,73,831	2,66,79,589	273,831	2,66,79,589
Fuel	1,51,047	24,991	1,76,038	13,21,701	176,038	13,21,701
Timber	c. ft. 54,116	c. ft. 16,333	c. ft. 70,449	1,76,120	c. ft. 70,449	1,76,120
Bamboos	c. ft. 8,610	c. ft. ...	c. ft. 8,610	1,269	c. ft. 8,610	1,269
Total { Tons ...	7,88,355	1,06,080	8,94,435	6,21,03,893	894,435	6,21,03,893
Total { C. ft. ...	62,726	16,333	79,059		79,059	

NUDDEA RIVERS.

Description.	Total. Quantity—Tons. Up.	Total. Quantity—Tons. Down.	Total. Quantity—Tons. Total.	Total. Value. Rs.	Private. Quantity. Tons.	Private. Value. Rs.
Grain	15,725	79,424	95,149	56,47,467	95,149	56,47,467
Cotton	...	99	99	20,845	99	20,845
Oilseeds	452	29,421	29,873	32,41,748	29,873	31,41,748
Salt	32,715	1,536	34,251	37,17[illegible]	34,251	37,17,987
Piece-goods ...	9	15	24	23,600	24	23,600
Metals	1,343	354	1,697	5,42,724	1,697	5,42,724
Building materials	2,195	2,301	4,496	46,315	4,496	46,315
Miscellaneous ...	56,846	140,412	197,258	2,65,11,434	197,258	2,65,11,434
Fuel	15,043	2,143	17,186	1,81,090	17,186	1,81,090
Timber	c. ft. 2,603	c. ft. 135,911	c. ft. 138,514	1,78,112	c. ft. 138,514	1,78,112
Bamboos	c. ft. 829	c. ft. 70,619	c. ft 71,448	6,790	c. ft. 71,448	6,790
Total { Tons ...	1,24,328	255,705	380,033	4,01,18,112	380,033	4,01,18,112
Total { C. ft. ...	3,432	206,530	209,962		209,962	

Supplementary statement giving details of "miscellaneous" articles of traffic on the Calcutta and Eastern Canals.

Description.	Quantity.	Value.
	Tons.	Rs.
Jute	153,110	1,22,74,044
Jaggery	12,780	13,95,294
Sugar	789	1,87,440
Tobacco	1,716	3,24,567
Fish	2,167	6,07,771
Hides	373	83,540
Poultry	217	1,55,780
Hay and straw	13,937	2,90,706
Oil	18,465	25,14,642
Earthenware	2,256	31,596
Other miscellaneous	68,021	88,14,209
Total ...	273,831	2,66,79,589

IE.

PUBLIC WORKS DEPARTMENT, BENGAL.

STATEMENT OF AREAS IRRIGATED BY IRRIGATION WORKS IN BENGAL DURING THE YEAR 1890-91.

Name of Canal.	Areas irrigated in acres.							Average discharge, cubic feet per second.				Areas irrigated per cubic foot per second.			
						Double-cropped.		At head.		Utilised.		Discharge at head.		Utilised.	
	Kharif.	Rabi.	Total.	Flow.	Lift.	Area irrigated.	Percentage of total area.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.
Kendrapara Canal and its branches	71,403	3,567	74,970	70,989	3,981	...	...	1,074·97	370·96	853·14	332·95	66·42	9·46	83·69	10·71
Taldundah ditto ditto ...	41,247	559	41,806	40,239	1,567	...	...	403·50	42·00	373·00	29·25	102·22	13·31	110·58	19·11
High Level Canal, Range I	21,893	91	21,984	21,283	701	...	...	331·35	50·88	287·52	9·31	66·07	1·79	76·14	9·77
Total Mahanadi Series ...	134,543	4,217	138,760	132,511	6,249	...	..	1,809·82	469·84	1,513·66	371·51	74·34	8·98	88·88	11·35
High Level Canal, Range II ...	2,423	30	2,503	2,497	6	...	...	65·75	14·25	61·00	...	37·61	2·11	40·54	.
Ditto ditto III ...	39,033	3	39,036	38,968	68	...	.	361·75	7·00	360·25	4·00	107·81	0·43	108·35	0·75
Total Brahmini-Byturni Series	41,506	33	41,539	41,465	74	...	..	427·50	21·25	421·25	4·00	97·09	1·55	98·53	8·25
Total Orissa Canals ...	176,049	4,250	180,299	173,976	6,323	...	.	2,237·32	491·09	1,934·91	375·51	78·69	8·65	90·99	11·32
Under Midnapore weir	76,645	...	76,645	70,645	...	...	...	479	...	472	...	160	...	162	.
Under Panchkoorah weir	5,357	...	5,357	5,328	29	...	...	56	...	47	..	89	...	106	
Total Midnapore Canal ...	82,002	...	82,002	81,973	29	...	..	...	...	...	..	...	.	..	
Eastern Main Series	58,797	2,505	61,302	60,392	910	..	...	1,025	424	810	325	55·22	15·88	69·87	20·72
Western ditto	191,660	28,052	219,712	211,228	8,484	...	...	2,069	1,445	1,786	927	83·66	36·42	96·91	56·77
Total Sone Canals ...	250,457	30,557	281,014	271,620	9,394	...	...	3,094	1,869	2,596	1,252	74·24	31·76	88·48	47·41
Sarun Canals	990	1,236	2,226	...	...	...	..	37	286	37	286	26·75	4·32	26·75	4·32

IIE.

PUBLIC WORKS DEPARTMENT, BENGAL.

STATEMENT SHOWING INCIDENCE OF WORKING EXPENSES AND ASSESSED WATER-RATES ON CANALS IN BENGAL DURING 1890-91.

Name of Canal.	Average discharge of the year at canal head in cubic feet per second.	Water-rates assessed in 1890-91.					Gross assessed revenue from all sources.	Working expenses, direct and indirect.	Areas irrigated during the year 1890-91.	Working expenses.			Occupier's rates (water-rates).		Total water-rates, direct and indirect.	
		Occupier's (water-rate).	Owner's.	Total direct.	Indirect.	Total of direct and indirect.				Per cent. on gross revenue.	Per acre irrigated.	Per cubic foot per second of discharge at canal head.	Per acre irrigated.	Per cubic foot per second of discharge at canal head.	Per acre irrigated.	Per cubic foot per second of discharge at canal head.
Major Irrigation Works.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Acres.							
Orissa project	...	2,69,310	...	2,69,310	...	2,69,310	4,04,440	4,67,603	180,299	115·61	2·59	...	1·49	...	1·49	...
Midnapore canal	...	1,23,043	...	1,23,043	...	1,23,043	2,44,596	2,08,860	82,002	85·39	2·54	...	1·50	...	1·50	..
Hidgellee Tidal canal	...	...	...	...	...	...	28,044	53,574	...	191·03	..	...	...	...	...	...
Sone project	...	5,92,847	...	5,92,847	...	5,92,847	6,77,299	7,02,099	281,014	103·66	2·49	...	2·10	...	2·10	...
Total ...	...	9,85,200	...	9,85,200	...	9,85,200	13,54,379	14,32,136	543,315	105·74	2·58	..	1·81	...	1·81	...
Minor Works and Navigation.																
Sarun project	...	21,850	...	21,850	...	21,850	22,010	38,881	2,226	176·65	17·46	...	9·81	...	9·81	...
Orissa Coast canal	...	...	...	...	...	...	65,586	76,798	...	117·09	...	...	...	...	.	...
Calcutta and Eastern canals...	...	...	...	...	...	...	5,25,085	3,23,957	...	61·69	...	...	...	...	...	..
Nuddea rivers	...	...	...	...	...	...	2,00,482	1,09,894	...	54·81	..	...	...	...	.	..
Total ...	...	21,850	...	21,850	...	21,850	8,13,163	5,40,530	2,226	67·57	...	...	...	...	...	

Note A.—Columns 2, 13, 15, and 17 cannot be filled in.

Note B.—In this table the water-rates shown as assessed during the year are the amounts for which occupiers have rendered themselves liable in return for canal water supplied during the year, and include some demands which were not legally recoverable, and others of which the assessment papers were not completed till after the close of the year.

Note C.—Refunds of revenue have been deducted from "Gross assessed revenue from all sources."

IIIE.

PUBLIC WORKS DEPARTMENT, BENGAL.

STATEMENT OF QUANTITY AND VALUE OF CROPS IRRIGATED IN BENGAL DURING THE YEAR 1890-91.

Description.		Orissa Canals.		Midnapore Canal.		Sone Canals.		Sarun Canals.		Total.	
		Area irrigated.	Estimated value.	Area irrigated.	Estimated value.	Area irrigated.	Estimated value.	Area irrigated.	Estimated value.	Area irrigated.	Estimated value.
		Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and orchards ...		132	23,760	...	...	46	2,300	...	...	178	26,060
Sugarcane		220	88,000	...	...	17,970	18,88,485	...	...	18,190	19,76,485
Cereals ...	Wheat ..	...	...	...	...	14,951	4,90,174	..	...	14,951	490,174
	Barley ...	...	...	...	...	9,314	2,31,242	...	...	9,314	231,242
	Rice ...	175,829	35,16,580	82,002	18,86,046	211,480	78,03,688	989	17,802	4,70,300	1,32,24,116
	Maize ...	...	...	...	...	...	...	...	...	...	...
	Juar ...	...	...	...	...	...	...	...	...	...	...
	Cheena ...	60	720	...	...	8	192	1,184	23,680	1,252	24,592
	Miscellaneous	745	7,450	...	...	204	5,712	...	...	949	13,162
Pulse ...	Gram ...	...	...	...	...	1,980	20,050	...	...	1,980	20,050
	Peas ...	...	...	...	...	1,057	19,026	...	...	1,057	19,026
	Miscellaneous	582	8,730	...	...	1,367	23,827	...	...	1,949	32,557
Fodder crops	Grass, lucerne	...	...	...	...	...	...	...	...	...	...
Fibres ...	Cotton, &c. ...	2,618	2,61,800	...	...	...	...	...	...	2,618	2,61,800
Dyes ...	Indigo, &c. ...	12	600	...	...	20	2,300	1	50	33	2,950
Drugs ...	Opium ...	...	...	...	...	1,352	58,053	51	8,415	1,403	66,468
	Tobacco ...	...	...	...	...	...	...	...	...	...	...
Oilseeds ...	Mustard ...	...	...	...	...	35	945	...	...	35	945
	Linseed, &c.	86	2,580	...	...	90	614	...	...	176	3,194
Miscellaneous ...	...	15	375	...	...	11,215	2,18,315	1	20	11,231	2,18,710
Total ...		180,299	39,10,595	82,002	18,86,046	271,089	1,07,64,923	2,226	49,967	535,616	1,66,11,531
Hot weather irrigation ...		...	...	...	...	9,925	43,280	...	...	9,925	43,280
Land insufficiently irrigated...		...	...	...	...	...	...	...	...	...	...
Grand Total ...		180,299	39,10,595	82,002	18,86,046	281,014	1,08,08,203	2,226	49,967	545,541	1,66,54,811

IVE.

PUBLIC WORKS DEPARTMENT, BENGAL.

COMPARATIVE STATEMENT OF IRRIGATION AND RAINFALL FOR THE YEARS 1890-91 AND 1889-90 IN BENGAL.

Works supplying irrigation.	Civil districts.	Total area in acres.	Cultivated area in acres.	Areas irrigated in acres. 1890-91. Kharif inclusive of sugarcane.	Areas irrigated in acres. 1890-91. Rabi inclusive of hot-weather.	Areas irrigated in acres. 1890-91. Year.	Areas irrigated in acres. 1889-90. Kharif inclusive of sugarcane.	Areas irrigated in acres. 1889-90. Rabi inclusive of hot-weather.	Areas irrigated in acres. 1889-90. Year.	Rainfall. 1890-91.	Rainfall. 1889-90.
										Inches.	Inches.
Orissa Canals ...	Cuttack	...	...	137,016	4,247	141,263	141,385	5,897	147,282	64·20	70·17
	Balasore	...	...	39,033	3	39,036	39,345	...	39,345	57·48	55·77
	Total Orissa Canals ...	...	...	**176,049**	**4,250**	**180,299**	**180,730**	**5,897**	**186,627**	**60·84**	**62·97**
Midnapore Canal	Midnapore	...	...	81,626	...	81,626	67,912	440	68,352	57·64	48·71
	Hooghly	...	...	376	...	376	458	...	458	...	...
	Total Midnapore Canal ...	...	...	**82,002**	...	**82,002**	**68,370**	**440**	**68,810**	...	...
Sone Canals ...	Shahabad	2,806,400	2,192,500	173,096	46,616	219,712	187,339	57,902	245,241	49·22	38·99
	Patna	1,329,920	1,039,000	27,454	2,330	29,784	22,943	2,871	25,814	56·49	43·48
	Gya	3,015,680	2,356,000	29,146	2,372	31,518	29,779	4,448	34,227	57·97	35·75
	Total Sone Canals ...	**7,152,000**	**5,587,500**	**229,696**	**51,318**	**281,014**	**240,061**	**65,221**	**305,282**	...	...
Sarun Canals ...	Sarun	1,680,000	1,312,500	990	1,236	2,226	2,684	1,531	4,215	58·63	45·10
	GRAND TOTAL ...	...	...	488,737	56,804	545,541	491,845	73,089	564,934	...	...

No. IF.

STATEMENT SHOWING THE WATER-RATES PER ACRE IN FORCE ON CANALS IN BENGAL DURING 1890-91.

Canals.	Description of leases and crops.	Occupier's rates per acre. Flow irrigation.	Occupier's rates per acre. Lift irrigation.
	ORISSA CIRCLE.		
		Rs. A. P.	Rs. A. P.
Orissa Canals	I.—For the whole irrigable or rice cultivated area of any village, if application is made for a lease of five years ...	1 8 0	1 0 0
	For the rice crop.		
	II.—For any fractional area of a village or for other term	3 0 0	2 0 0
	For cold-weather crops.		
	III.—Dalwa rice	1 8 0	1 0 0
	IV.—For cotton, tobacco, huldi, ginger, wheat, vegetable, indigo and all garden produce grown in villages the rice-lands of which are leased under rate I	1 0 0	0 10 0
	V.—For the above produce when grown in villages the rice-lands of which are not leased under rate I ...	2 0 0	1 8 0
	VI.—For linseed, oil-seeds, dâl and all pulses grown in villages the rice-lands of which are leased under rate I ..	0 8 0	0 5 0
	VII.—For the above produce when grown in villages the rice-lands of which are not leased under rate I ...	1 0 0	0 10 0
	For perennial crops.		
	VIII.—For sugarcane	6 0 0	4 0 0
	IX.—The charge for filling tanks is Re. 1 per 10,000 cubic feet of water used	......	......
	SOUTH-WESTERN CIRCLE.		
	For the rice-crop.	Rs. A. P.	Rs. A. P.
Midnapore Canal	I.—Under five-year leases	1 8 0	1 0 0
	II.—Under annual leases	2 8 0	1 10 0
	For winter crops.		
	III.—In exceptional cases when water is available	1 8 0 (both)	
	IV.—The charge for the unauthorised use of canal water is Rs. 5 per acre per annum or such less sum as is fixed by the Collector	......	......

Canals.	Description of leases and crops.	Occupier's rates per acre. Flow irrigation.	Lift irrigation.
	SONE CIRCLE.		
Sone Canals ...	*For water supplied between the 25th June and the 1st April.*	Rs. A. P.	Rs. A. P.
	I.—Leases for one year.		
	Rice	3 0 0	2 0 0
	Bhadoi, except rice	2 8 0	1 10 8
	Rabi	2 8 0	1 10 8
	Sugarcane	5 0 0	3 5 4
	II.—Leases for five years.		
	For all crops	2 0 0	
	Note.—An extra rate in addition to the above rate is charged for water taken between the 1st April and the 25th June.		
	For water taken between the 1st April and the 25th June.		
	III.—Annual Leases only.		
	Special rate for hot months.		
	For all crops	4 0 0	2 10 8
	Note.—For indigo water is allowed to be taken under this schedule from the 15th March without extra charge. Charges under this schedule are in addition to charges under the schedules I & II.		
Sarun Canals ...	The Sarun Canals are not primarily irrigation canals, and the return to Government is in the shape of a guarantee amounting at present to Rs. 21,850 per annum. Gaurantors are authorized to charge Re. 1 per acre irrigated, or in the case of water being used for manufacture, Rs. 2 per maund of indigo manufacture.		

List of Officers in charge of Irrigation Circles and Divisions during 1890-91.

Circle or Division.	Name of Officer.	Period of charge.
SECRETARIAT.		
Secretary, Irrigation Branch	Colonel J. M. McNeile, R.E.	From 1st April 1890 to 31st March 1891. [On privilege leave from 30th to 31st March 1891.]
Offg. Joint-Secretary, Irrigation Branch.	Mr. C. W. Odling ...	„ 30th and 31st March 1891.
Superintending Engineer on special duty.	Ditto	„ 1st to 17th April 1890.
Under-Secretary ...	Mr. G. A. G. Shawe ...	„ 1st April 1890 to 31st March 1891.
SUPERINTENDING ENGINEERS IN CHARGE OF CIRCLES.		
Orissa Circle	Mr. R. H. Rhind ...	From 1st April 1890 to 31st March 1891.
Ditto Personal Assistant.	Rai Bahadur Amrito Lal Roy Chowdhry.	„ 17th November to 31st March 1891.
	Rai Saheb Annada Proshad Sircar.	„ 22nd November 1890 to 25th January 1891.
South-Western Circle ...	Lieutenant-Colonel A. D. McArthur, R.E.	„ 1st April 1890 to 31st March 1891. [On privilege leave from 6th April to 5th July 1890.]
	Mr. W. H. King ...	„ 6th April to 5th July 1890.
Ditto Personal Assistant.	„ W. S. Bremner ...	„ 30th December 1890 to 31st March 1891.
Sone Circle	„ R. B. Buckley ...	„ 1st April 1890 to 31st March 1891. [On privilege leave from 7th January to 31st March 1891.]
	„ W. A. Inglis ...	„ 7th to 30th January 1891.
	„ C. W. Odling ...	„ 31st January to 29th March 1891.
	„ W. A. Inglis ...	„ 30th and 31st March 1891.
Ditto Personal Assistant.	„ H. Barlow ...	„ 1st April to 14th October 1890. [On privilege leave from 9th April to 8th July 1890, and on language leave from 29th August to 9th October 1890.]
	„ J. S. L. Long ...	„ 11th to 30th November 1890.

EXECUTIVE ENGINEERS IN CHARGE OF DIVISIONS.

ORISSA CIRCLE.

Circle or Division.	Name of Officer.	Period of charge.
Mahanuddy Division ...	Mr. G. W. Faulkner ...	From 1st April to 14th June 1890.
	„ G. L. Searight ...	„ 15th to 30th June 1890.
	„ T. Butler ...	„ 1st July 1890 to 31st March 1891.
Pooree Division ...	„ J. R. Swinden ...	„ 1st April 1890 to 31st March 1891.
Brahminee-Byturnee Division	„ A. Monies ...	„ 1st April to 19th December 1890.
	„ D. B. Horn ...	„ 20th December 1890 to 31st March 1891.
Acquapada-Jajepore Division	„ J. P. Coy ...	„ 1st April 1890 to 31st March 1891.

SOUTH-WESTERN CIRCLE.

Circle or Division.	Name of Officer.	Period of charge.
Cossye Division	Mr. J. P. Scotland ...	From 1st April 1890 to 31st March 1891.
Northern Drainage and Embankment Division.	„ T. M. L. Thompson ...	„ ditto ditto.
Nuddea Rivers Division ...	„ C. E. Livesay ...	„ ditto ditto.
Circular and Eastern Canals Division.	„ G. J. R. Leeson ...	„ ditto ditto.
Balasore Division ...	„ A. Hayes	„ ditto ditto.
Damooda-Rupnarain Survey Division.	„ O. C. Lees	„ ditto to 1st May 1890.

EXECUTIVE ENGINEERS IN CHARE OF DIVISIONS.

Circle or Division.	Name of Officer.	Period of charge.
	Sone Circle.	
Arrah Division	Mr. W. A. Inglis ...	From 1st April 1890 to 6th January 1891.
	" M. H. Arnott ...	" 7th to 30th January 1891.
	" W. A. Inglis ...	" 31st January to 29th March 1891.
	" R. E. Carter ...	" 30th and 31st March 1891.
Buxar Division	" D. B. Horn ...	" 1st to 10th April 1890.
	" K. H. Stephen ...	" 11th April 1890 to 31st March 1891.
Eastern Sone Division ...	" A. S. Thomson ...	" 1st April 1890 to 31st March 1891.
Gunduck Division ...	" M. J. J. P. Norman ...	" 1st April to 16th June 1890.
	" O. C. Lees	" 17th June 1890 to 31st March 1891.
Dehree Workshops Division...	" L. R. Fraser ...	" 1st April 1890 to 31st March 1891.

Canal Revenue Officers.

Circle or Division.	Name of Officer.	Period of charge.
Deputy Collector, Shahabad	Babu Saroda Prosad Chatterjee.	From 1st April 1890 to 31st March 1891. [On privilege leave from 30th October to 13th November 1890.]
Sub-Deputy Collector, Shahabad.	Babu Jugdan Sahai ...	In charge of the office of the Deputy Collector from 30th October to 13th November 1890 in addition to his own duties.
Ditto	" Ditto ...	From 1st April 1890 to 31st March 1891.
Ditto	" Siva Sankar Singh ...	" ditto ditto.
Circle Officer, Patna district	Syud Mahamed Kabeer ...	" ditto ditto.
Ditto, Gya district	Babu Moti Lal	" ditto ditto.
Deputy Revenue Superintendent, Orissa.	Mr. S. C. Roberts ...	" ditto ditto.
Deputy Revenue Superintendent, Midnapore.	" K. C. Ghose ...	" ditto ditto.
Supervisor of Tolls, Calcutta Canals.	" W. R. Cooksey ...	" ditto ditto.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 9th January 1892.

Division	No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.				
Burdwan Divn.	1	Burdwan Jan. 9, '92 Culna ... Cutwa ... Raneegunge ...	Nil Nil Nil Nil	Weather—seasonable. *Aman* harvest nearly finished. Prospects of sugarcane and *rabi* crops fair. Prices of common rice :— Srs. Sudder ... ... 13 to 17 per rupee. Culna ... ... 14 per rupee. Cutwa ... ... 14 per rupee. Raneegunge ... . 15 per rupee.
	2	Bankoora .. 9, '92	Nil	Weather—seasonable. Prospects of *rabi* crops not very good. Sugarcane is ripening and promises a good outturn. Condition of cattle fair. Supply of fodder and water hardly sufficient. Common rice selling at 17 seers 8 chittacks per rupee at Bishenpur and 15 seers 10 chittacks at Bankoora.
	3	Birbhum .. 9, '92 Rampore Haut ...	Nil Nil	Weather—seasonable. Winter rice is now almost gathered in. Cold-weather crops need rain, but still promise well. Price of common rice from 14 to 18 seers per rupee. Condition of cattle normal. Fodder and water plentiful.
	4	Midnapore ,, 9, '92	Nil	Weather—cool and seasonable. Harvesting of rice all but finished; outturn in Tumluk estimated at 12 annas. Prospects of *rabi* not good. Fodder sufficient. Prices of common rice :— Srs. Sudder ... ... 17 per rupee. Contai ... ... 17 per rupee. Ghatal ... ... 16 per rupee. Tumluk ... ... 14 per rupee.
	5	Hooghly .. 9, '92 Serampore ... Jehanabad ...	Nil Nil Nil	Weather—seasonable. Harvesting of *aman* paddy nearly completed and crop being threshed out. *Rabi* promising. No difficulty in obtaining water and fodder-supply. Prices of common rice :— Srs. Sudder ... ... 12 per rupee. Serampore ... ... 12½ per rupee. Jehanabad ... ... 15 per rupee.
	6	Howrah ,, 9, '92 Uluberia ...	Nil Nil	Weather—cool and seasonable. Harvesting of *aman* nearly completed. Prospects of *rabi* crops not so good as usual. No cattle-disease. Fodder and water-supply sufficient. Price of common rice 14 to 15 seers per rupee.
Presidency Divn.	7	24-Pergbs. ,, 12, '92	Nil	Weather—seasonable, but evenings getting warmer; mornings foggy and occasionally cloudy. Harvesting of winter rice almost finished. Rain wanted for *rabi* crops. Prospects of *rabi* crops continue the same. Pressing of sugarcane continues. No complaints of lack of fodder or water. No cattle-disease prevalent. Price of common rice from 13 to 15 seers per rupee.
	8	Nuddea ,, 9, '92 Kushtea ... Meherpore ... Chuadanga ... Ranaghat ...	Nil Nil Nil Nil Nil	Weather—seasonable. Harvesting of *aman* over; outturn poor. Prospects of *rabi* not good owing to want of rain. Common rice selling at from 11 seers 7 chittacks to 15 seers 3 chittacks per rupee. Condition of cattle good and supply of fodder and water sufficient.
	9	Khoolna ,, 9, '92 Bagirhat ... Satkhira ...	Nil Nil Nil	Weather—seasonable. Harvesting of *aman* going on. The condition of the crop in the southern parts of the Bagirhat subdivision and of the district generally is said to be very good, but in the north and in high lands it is not so good. On the whole, an 11-anna crop is expected. Prospects of *rabi* fair. Cattle-disease has subsided. Water and fodder sufficient. Price of common rice ranges from 14 to 17 seers per rupee.
	10	Jessore .. 9, '92 Jhenidah ... Magurah ... Narail ... Bongong ...	Nil Nil Nil Nil Nil	Weather—cool and pleasant. *Aman* harvest continues; outturn poor. *Rabi* wants rain. Fodder sufficient.
	11	Murshedabad ,, 9, 92	Nil	Weather—cold and fair. Harvesting of *kalai* finished in Jungypore subdivision; average outturn may be estimated at 14 annas. Winter rice is still being harvested. No want of fodder. Six head of cattle died of small-pox in thana Khargram in Kandi subdivision.
Chittagong Divn.	12	Chittagong ,, 9, '92	Nil	Weather—seasonable. Winter rice mostly cut. Prospects unchanged. Vegetable crops doing well. Prices steady. Condition of cattle good. Supply of fodder sufficient.
	13	Noakhally ...	...	Report not received.
	14	Tipperah ,, 9, '92	Nil	Weather—seasonable. Harvesting of *aman* almost completed. Winter crops promising. No cattle-disease. Prices normal.
	15	Chittagong Hill Tracts ...	...	Report not received.

No	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—concld.				
Dacca Divn.				
16	Dacca	Jan. 9, '92	Nil	Weather—seasonable. Harvesting of *aman* nearly completed. Mustard, *kalai*, &c., thriving. Common rice selling at from 14 to 18 seers per rupee. Condition of cattle fairly good and fodder available.
17	Furreedpore Goalundo Madaripore	,, 9, '92	Nil Nil Nil	Weather—seasonable. State of *rabi* crops fair. Rice selling at 15, 14, and 16 seers per rupee at Sudder, Goalundo, and Madaripore, respectively. Condition of cattle good and fodder-supply sufficient.
18	Backergunge	,, 9, '92	Nil	Weather—seasonable. Prospects of crops good. Common rice selling at from 10 to 16 seers per rupee. Cattle-disease reported from Bhandaria. Supply of fodder and water sufficient.
19	Mymensingh	,, 9, '92	Nil	Weather—cold; mornings generally foggy. *Aman* crop has been harvested. General prospects fair. Coarse rice sells at 15 seers per rupee. Condition of cattle good. Supply of water and fodder sufficient.
Rajshahye Divn.				
20	Dinagepore Thakurgaon	,, 9, '92 ...	Nil Nil	Weather—cool. Harvesting of winter rice still continues. Sugarcane being pressed. Cultivation of lands for *bhadoi* and jute in progress. Price of rice at Sudder 12¼ seers per rupee, that at Thakurgaon stationary. Condition of cattle reported to be good. Supply of fodder and drinking water sufficient.
21	Rajshahye Nattore Nowgong	,, 9, '92	Nil Nil Nil	Weather—cold and seasonable. Outturn of *aman* is yet expected to be 8 annas throughout the district. Winter crops are thriving well and the prospect is good. Price of rice varies from 12 to 18 seers per rupee. Condition of cattle good. Fodder and water-supply ample.
22	Rungpore Gaibanda Nilphamari Kurigram	,, 9, '92	Nil Nil Nil Nil	Weather—cold and clear. Harvesting of *aman* going on and about to be completed. Prospects of cold-weather crops unchanged and favourable. Price of common rice ranges from 18 seers in parts of Gaibanda subdivision to 10 seers in Kurigram subdivision. In Sudder it sells at from 12 to 14 seers a rupee, and at Nilphamari 13 seers a rupee. Fodder sufficient.
23	Bogra Sherpur Nowkhilla	,, 9, '92	Nil Nil Nil	Weather—cool. Prospects of *rabi* good. Cutting of *aman* not yet finished. No change in the estimate of the outturn of *aman*. An average 8-anna crop expected. Condition of cattle good. No want of fodder and water. Price of rice 13¾ seers a rupee.
24	Pubna	,, 9, '92	Nil	Weather—cold and seasonable. State of standing crops fair. Rain wanted. *Aman* yielding 10 annas. Sugarcane being cut. Price of common rice 13 to 14 seers per rupee. Water-supply and fodder sufficient, the latter hardly so.
25	Darjeeling	,, 9, '92	Nil	Weather—cold. About 13 to 14 annas paddy has been reaped. *Kalai* and *fafor* being harvested. Mustard, wheat, and barley progressing well. Prospects good. Fodder and water-supply sufficient. No disease among cattle. Prices of common rice:— Srs. Silliguri ... ... 11 Phansidewa ... ... 11 Nuxalbari ... ... 13 Kurseong ... ... 10 Kalimpong ... ... 10 Darjeeling ... ... 10 Pulbazar ... ... 10 Jore Bungalow ... ... 11 Nagri ... ... 8 Sonadah ... ... 10 (per rupee.)
26	Julpigoree	,, 9, '92	Nil	Weather—foggy in the morning for the first half of the week; clear and cold during the latter part. Harvesting of *haimanti* paddy still going on; outturn very scanty. *Rabi* crops promising. Rain wanted. Price of common rice rising. No cattle-disease. Water and fodder-supply abundant.
BEHAR.				
Bhagulpore Divn.				
27	Monghyr Begusarai Jamui	,, 9, '92	Nil Nil Nil	Weather—not so cold. Some clouds, but no appearance of rain. Prospects of *rabi* remain unchanged. Rain anxiously desired. Winter rice still being harvested in the south. Coarse rice selling at 13 to 14 seers per rupee. Fodder and water for cattle sufficient.
28	Bhagulpore	,, 9, '92	Nil	Weather—seasonable. Harvesting of rice about to end. Prospects of *rabi* not improved. Rain urgently wanted. Fodder plentiful.
29	Purneah Kishengunge Arrareah	,, 9, '92	Nil Nil Nil	Weather—foggy mornings, otherwise clear. Somewhat warmer. *Aghani* harvest nearly finished. *Rabi* pretty good: estimated at from 6 to 12 annas in various parts; will be more than the lower figure everywhere if there is rain. Fodder and water good. No cattle-disease. No distress reported.
30	Maldah	,, 9, '92	Nil	Weather—seasonable. Harvesting of winter rice not yet finished. Gathering of *kalai* and mustard going on. *Rabi* crops thriving. Land is being prepared for *boro* paddy. Fodder and water-supply sufficient. Common rice selling at from 11 to 14 seers per rupee.
31	Sonthal Perghs.	,, 9, 92	Nil	Weather—cool and dry. West winds. Rice harvest nearly over. Outturn of rice about 9 annas in Godda and Rajmehal; better further south. Price of rice varies from 12 seers in Rajmehal to 17 seers in Jamtara. *Rabi* suffering for want of rain. Fodder and drinking water sufficient.

Division	No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BEHAR—*concld.*				
Patna Division.	32	Patna, Jan. 9, '92 Barh ... Behar ... Dinapore ...	Nil Nil Nil Nil	Weather—cold and clear. Harvesting and threshing of paddy still going on. Poppy and *rabi* doing well, but rain urgently wanted. Sugarcane being pressed. Prices generally stationary, but a slight rise reported from Barh.
	33	Gya, " 9, '92 Jehanabad ... Nawada ... Aurungabad ...	Nil Nil Nil Nil	Weather—very cold, fair. Harvesting of paddy almost finished. Condition of *rabi* has not improved. Poppy good. Sugarcane is still being pressed. Prices of food-grains rising. Supply of fodder and water still sufficient.
	34	Shahabad, " 9, '92 Buxar ... Bhabuah ... Sasseram ...	Nil Nil Nil Nil	Weather—cool. High west winds prevail. *Rabi* doing well yet, though in Sasseram some of the crop is reported to be withering from drought. Paddy being threshed. Prices rising in places.
	35	Durbhunga, " 9, '92	Nil	Weather—cool. *Rabi* prospects favourable where there is moisture, but rain wanted everywhere. Pea blossoming. *Rahar* and tobacco good. Supply of fodder and water for cattle available everywhere. No cattle-disease. Prices slightly rising.
	36	Mozufferpore, " 9, '92 Hajipore ... Sitamarhi ...	Nil Nil Nil	Weather—cold. Harvesting of paddy almost completed. Rain very urgently wanted for *rabi* crops. *Rahar*, mustard, and tobacco doing well. Poppy progressing very fairly in irrigated lands. The cold has slightly improved the prospects in unirrigated fields. Cattle reported to be in good condition. Fodder and water-supply sufficient. Prices as follows :—

	Best rice.	Common rice.	Wheat.	Barley.	Makai.	Marua.
	Srs.	Srs.	Srs.	Srs.	Srs.	Srs.
Sudder ...	11	13	12	24	22	...
Sitamarhi ...	13½	14½	13	22½	23	24
Hajipore ...	9	14	13¾	26½	22½	...

Division	No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
Patna Division.	37	Sarun, " 9, '92	Nil	Weather—seasonable. Rain wanted for *rabi* crops. Sugarcane is being pressed. Prospects of poppy fair, but rain required. Fodder and water for cattle sufficient. Prices of common rice :—

	Srs.	
Chupra	13	per rupee.
Sewan	15	
Gopalgunge	15	

Division	No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
Patna Division.	38	Chumparun, " 9, '92	Nil	Weather—cool with foggy mornings. Paddy is being threshed. *Rabi* is being weeded and irrigated. Prospects of standing crops fair. Rain wanted for *rabi* and poppy. Fodder and water sufficient. Prices slightly rising.
ORISSA.				
Orissa Divn.	39	Cuttack, "		Report not received.
	40	Pooree, " 7, '92	Nil	Weather—cool. *Sarad* rice being gathered. *Dalua* rice plants growing. Miscellaneous crops doing well. Common rice sells at from 12½ to 16 seers per rupee.
	41	Balasore, " 9, '92	Nil	Weather—colder than usual. Harvesting of winter rice nearly completed. Other crops doing fairly well. Rice selling at 16 or 17 seers per rupee at Balasore.
CHOTA NAGPORE.				
South-West Frontier Agency.				
Chota Nagpore Divn.	42	Hazaribagh, Jan. 9, '92 Giridih ...	Nil Nil	Weather—seasonable. Standing crops doing well, but rain urgently needed. Common rice selling at from 12 to 16 seers per rupee. Fodder and water-supply excellent.
	43	Lohardugga, " 9, '92	Nil	Weather—seasonable. Rain still wanted for *rabi* crops. Common rice selling at 15 seers per rupee. Water and fodder plentiful.
	44	Palamow, " 5, '92	Nil	Weather—seasonable. Paddy completely harvested throughout; average outturn estimated at 8 annas. Standing *rabi* crops suffering much for want of rain. Fodder-supply sufficient. Rice selling at 14½ seers per rupee.
	45	Singbhoom, " 9, '92	Nil	Weather—seasonable. Standing crops in good condition. Oilseeds, gram, pulses and cotton are being reaped with an outturn of from 12 to 16 annas. Fodder ample.
	46	Manbhoom, " 9, '92 Govindpore ...	Nil Nil	Weather—seasonable. *Rabi* crops are being harvested. Outturn of mustard expected to be from 8 to 10 annas. Fodder and water-supply yet sufficient. Coarse rice sells at 17 seers per rupee on the average.

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 12th January, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

NAMES OF MARTS.	STOCK IN HAND AS COMPILED OF—												
	1st week of Jan. 1891.	1st week of Feb. 1891.	1st week of March 1891.	1st week of April 1891.	1st week of May 1891.	1st week of June 1891.	1st week of July 1891.	1st week of August 1891.	1st week of Sept. 1891.	1st week of Oct. 1891.	1st week of Nov. 1891.	1st week of Dec. 1891.	1st week of Jan. 1892.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Baliaghatta	2,80,500	4,08,000	7,21,000	10,86,500	13,19,000	9,74,000	7,19,000	4,52,000	4,58,500	4,26,700	4,45,000	4,01,000	3,68,300
Ooltadanga	54,000	57,200	65,200	55,900	63,100	59,600	61,100	65,800	72,100	66,200	65,000	61,100	58,900
Chitpore, Golabaree, Coomertooly, Hatkhola, and Culpy Ghat.	5,29,650	5,40,400	6,00,800	5,67,200	5,17,400	4,82,400	4,68,400	4,87,200	5,06,700	,26,000	5,04,600	4,74,300	6,29,500
Pathuriaghatta, Posta, and Jorabagan.	3,000	4,000	5,000	4,200	3,000	2,000	3,700	3,000	2,500	3,000	4,000	3,000	2,500
Tallygunge, Chitlah, Kidderpore, and Moonshigunge.	1,04,600	1,25,200	1,34,400	1,16,300	1,25,200	1,14,800	1,06,900	98,900	90,450	5,750	91,200	82,100	1,23,600
21 Minor bazars (estimated) ...	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,49,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 3,129 in number (estimated).	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Boidyabatty, Nowabgunge, Bhuddressur, and Chandernagore.	34,375	33,000	24,438	43,462	41,125	30,750	32,750	33,250	33,051	32,250	33,125	25,062	27,135
Total ...	14,96,125	16,57,800	20,40,838	23,63,562	25,58,825	21,53,550	18,81,850	16,29,150	16,58,301	16,29,900	16,37,925	15,36,562	16,99,835
On Railway premises on both sides of the river.	24,703 (on 3rd Jan. 1891.)	36,850 (on 3rd Feb. 1891.)	36,618 (on 3rd March 1891.)	28,642 (on 3rd April 1891.)	8,221 (on 3rd May 1891.)	5,928 (on 3rd June 1891.)	17,767 (on 3rd July 1891.)	10,179 (on 3rd August 1891.)	17,473 (on 3rd Sept. 1891.)	41,511 (on 3rd Oct. 1891.)	13,019 (on 3rd Nov. 1891.)	21,740 (on 3rd Dec 1891.)	66,689 (on 3rd Jan. 1892.)
On boats unloaded ... By Port Commissioners' returns.	58,096 (1st to 3rd Jan. 1891.)	92,605 (1st to 3rd Feb. 1891.)	65,914 (1st to 3rd March 1891.)	41,862 (1st to 3rd April 1891.)	35,578 (1st to 4th May 1891.)	17,251 (1st to 3rd June 1891.)	28,097 (1st to 3rd July 1891.)	17,174 (1st to 3rd August 1891.)	57,776 (1st to 3rd Sept. 1891.)	41,735 (1st to 3rd Oct. 1891.)	33,595 (3rd to 5th Nov. 1891.)	53,688 (1st to 3rd Dec. 1891.)	84,951 (2nd to 4th Jan. 1892.)
On boats unloaded ... By Canal returns	77,228 (1st to 3rd Jan. 1891.)	1,71,337 (1st to 3rd Feb. 1891.)	1,08,494 (1st to 3rd March 1891.)	1,51,412 (1st to 3rd April 1891.)	13,099 (1st to 4th May 1891.)	25,741 (1st to 3rd June 1891.)	41,597 (1st to 3rd July 1891.)	24,697 (1st to 3rd August 1891.)	79,813 (1st to 3rd Sept. 1891.)	80,930 (1st to 3rd Oct. 1891.)	28,531 (3rd to 5th Nov. 1891.)	34,490 (1st to 3rd Dec. 1891.)	1,22,177 (2nd to 4th Jan. 1892.)
Grand total of Stocks ...	16,56,152	19,48,592	22,51,864	25,88,478	26,15,723	22,02,470	19,69,311	16,81,200	18,13,363	17,94,116	17,13,070	16,46,480	19,73,652
Probable stock available for exportation by sea.	6 lakhs	9 lakhs	12 lakhs	15½ lakhs	15¾ lakhs	11¾ lakhs	9½ lakhs	6¾ lakhs	7¼ lakhs	7¼ lakhs	6¼ lakhs	6 lakhs	9½ lakhs

STATISTICAL DEPARTMENT,
The 9th January, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS.													
			Air Pressure.			Wind.		Temperature.								
			Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Pooree	Pooree	30·091	30·040	—	N	199	80·6	7th Jan.	59·6	3rd Jan.	79·3	61·0	70·2	—	64·8
	Pooree	Gopalpore	30·094	30·056	+·018	NNW	209	80·2	9th ,,	56·0	3rd ,,	79·1	58·2	68·7	—0·9	63·1
	Pooree	False Point	30·098	30·062	+·007	NWly	144	79·4	9th ,,	54·5	6, 8th ,,	78·5	55·0	66·8	—1·5	60·9
	Cuttack	Cuttack	30·042	30·069	+·020	Calm	25	83·8	9th ,,	55·9	3rd ,,	82·0	57·2	69·6	—1 9	61·9
	Balasore	Balasore	30·064	30·069	+·009	NW	66	82·4	9th ,,	51 5	4, 6, 7 ,,	80·3	52 1	66 2	+0·4	58·7
South-West Bengal.	South-West Midnapore, South 24-Pergunnahs	Saugor Island	30 093	30·064	+·009	Nly	165	78·2	9th ,,	52 2	5th ,,	75·8	54·0	64·9	—2·1	60·2
	Midnapore	Midnapore	29·972	30·077	+·004	N	243	82·3	9th ,,	51·2	6, 7th ,,	80·7	52 5	66·7	+1·6	59·0
	24-Pergunnahs, Howrah, Hooghly	Calcutta	30·104	30 072	+·008	N	51	78·7	8, 9th ,,	50·2	6, 7th ,,	77·6	51 2	64·3	—0 9	56·3
	Burdwan	Burdwan	30·033	30·086	+·013	Calm	29	81 0	9th ,,	50 3	5, 6th ,,	78·4	51·8	65·1	—0·5	58·3
	Bankoora	Bankoora	29·787	30·056	·005	W	48	81·1	9th ,,	50·9	5th ,,	78 6	52·2	65 5	—0·3	57·0
	Beerbhoom, West Burdwan	Raneegunge*	29 784	30·103	+·002	NNW	65	81·5	9th ,,	51·0	5th ,,	78·8	52·1	65·5	+0·6	54·8
	Moorshedabad	Berhampore	30·050	30 070	—·002	Calm	29	79·6	9th ,,	51·2	3rd ,,	76 7	53 1	64·0	+0·6	55·1
	Nuddea	Krishnaghur	30·071	30 070	+·023	WNW	66	80·4	9th ,,	46·2	4th ,,	77 7	49 2	63·5	—0·9	56·4
	Jessore, Khoolna	Jessore	30·077	30 058	+·006	NWly & Calm	43	79·2	9th ,,	48·4	4th ,,	76 3	51·2	63 8	—1·0	55·7
East Bengal.	Chittagong	Chittagong	30·006	30·043	—·002	Calm	39	81·7	8, 9th ,,	52·6	4th ,,	79·2	54·5	66·9	+1·0	59·3
	Chittagong Hill Tracts	Demagiri						Observations not received.								
	Backergunge	Barrisal	30·080	30·044	+·011	Calm	36	78·8	9th Jan.	50·6	3rd ,,	76·9	52·5	64·8	+1·2	58·6
	Noakhally	Noakholly	30·045	30·037	+·005	N	73	80·3	9th ,,	48·5	3rd ,,	77·9	50·9	64·4	+0·5	58·4
	Furreedpore	Furreedpore	30·071	30·060	+·016	Calm	33	74·0	4, 5, 6, 8,,	50·5	3rd ,,	73·8	52 2	63·0	+0 2	56·2
	Dacca	Dacca	30·078	30·047	—·004	Nly	59	80·1	9th ,,	53·8	4, 5 ,,	78·1	55 1	66·6	+0·7	58·5
	Commillah	Commillah	30·070?	30·013?	+·013?	N	9	79·9	9th ,,	50·1	3rd ,,	77·8	52 3	65·1	+1·4	58·0
	Mymensingh	Mymensingh	30·051	30·062	+·013	ENE	34	77·4	9th ,,	51·1	4th ,,	75·4	52·6	64·1	+1·5	57·2
North Bengal.	Bogra	Bogra	30·023	30·040	+·005	NW	31	77·3	7, 8, 9th ,,	49·2	3rd ,,	76·2	51·1	63·7	—0·7	55·9
	Pubna	Serajgunge	30·052	30·050	+·001	Wly	9	77·6	9th ,,	48·1	3rd ,,	76·4	50·7	63·6	+1·0	55·9
	Rajshahye	Rampore Beauleah.	30·034	30·057	+·012	N	88	77·4	9th ,,	48·9	3rd ,,	75·3	51·4	63·4	+1·7	56 9
	Maldah	Maldah	30·054	30 090	—	NW	83	79·0	9th ,,	44 8	3rd ,,	76·4	49·3	62·9	—	56·3
	Dinagepore	Dinagepore	29·987	30·066	—·006	NW	20	79·0	9th ,,	44·0	3rd ,,	76·7	47·0	61·9	+0·4	55·1
	Rungpore	Rungpore	29·989	30·075	—·028	E & ENE	61	77·7	9th ,,	45·2	3rd ,,	76·0	48·2	62·1	+0·9	52·0
	Julpigoree, Cooch Behar	Julpigoree	29 809	30·065	—·035	N	46	76 9	7th ,,	48 6	3rd ,,	75·3	50·3	62·8	+1·0	55·8
	Darjeeling Hill Tracts	Darjeeling	23·024	—	—·012	Variable	76	47·5	6th ,,	32·4	3rd ,,	43·9	34·9	39·4	—1·0	38·8
North Behar.	Purneah, North Bhagulpore	Purneah	30·001	30·092	+·015	Calm	12	79·7	9th ,,	39·3	3rd ,,	76·3	42·2	59·3	—1·6	47·9
	Mozufferpore	Mozufferpore	29·933	30·080	—	Variable	42	78·2	5, 9th ,,	41·8	3rd ,,	75·7	46·4	61·0	—	50·6
	Durbhunga	Durbhunga	29·983	30 115	+·032	Variable	35	77·8	9th ,,	45·4	4th ,,	74·3	49 1	61·7	—0·1	53·3
	Chumparun	Motihari	29·875	30 076	+·011	SWly	71	77·2	9th ,,	39·0	3rd ,,	74·1	43·1	58·6	—0·4	49·1
	Sarun	Chupra	29·935	30·083	+·034	Calm	55	76 8	9th ,,	48·6	5, 8 ,,	74·3	48·6	61·5	+0·8	53·2
South Behar.	Shahabad	Dehree	29·768	30·098	+·005	SSW	96	79·8	9th ,,	49·5	3rd ,,	75·6	51·7	63·7	+2·1	55·6
	Shahabad	Buxar	29·895	30·107	+·020	W	63	77·9	9th ,,	45·9	3, 4 ,,	74·8	49·0	62·0	+0·9	56·2
	Shahabad	Arrah	29·931	30·090	+·026	NWly	38	78·3	9th ,,	?	?	74·2	?	?	?	52·3
	Gya	Gya	29·751	30 105	+·022	S	123	79·5	9th ,,	46 2	4th ,,	74·8	49·5	61·9	—1·0	55·1
	Patna	Bankipore	29 948	30·036	—·001	W	45	73·8	9th ,,	44·4	4th ,,	70·4	48·8	59 6	—1·0	56·5
	South Bhagulpore, Monghyr	Bhagulpore	29 955	30·078	+·012	Calm	3	79·3	9th ,,	46·0	3, 4 ,,	75·7	48·6	62·2	+1·3	54·4
	Sonthal Pergunnahs	Doomka	29·600	30·085	+·007	Wly	81	79·3	9th ,,	47·8	3, 4, 5 ,,	76·4	49·0	62·7	+0·4	53·8
Chutia Nagpur.	Hazaribagh	Hazaribagh	28·042	30·088	+·004	NWly	105	76·4	9th ,,	47·8	4th ,,	73·8	49·4	61·6	+0·9	57·0
	Lohardugga, Manbhoom	Ranchee	27·914	30·073	+·005	Calm	94	77·2	8th ,,	46·9	4, 6th ,,	74·1	48·8	61·5	+1·1	58·2
	Singbhoom	Chyebassa	29·339	30·083	+·034	Calm	19	80·7	9th ,,	49·5	6th ,,	79·1	50·6	64·9	+0·3	62·2

* Mean of 5 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last

The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the sub-divisional station for the period in question during the past stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 9th of January 1892—contd.

Meteorological division.	District.	Station.	Rainfall. Sunday, 3rd Jan.	Monday, 4th Jan.	Tuesday, 5th Jan.	Wednesday, 6th Jan.	Thursday, 7th Dec.	Friday, 8th Jan.	Saturday, 9th Jan.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
EAST BENGAL —concld.		*Gournaddi* ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·01	?
		Bauphal ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·60	?
	Noakholly ...	Noakholly ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·18	2·77	4·35
		Fenny ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·24	2·09	5·95
		Harishpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·47	?
		Ramganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·39	?
	Furreedpore	Madaripore ..	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·20	4·24	1·86
		Furreedpore ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·06	1·07	1·66
		Goalundo ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·09	0·53	1·85
	Dacca ...	Munshigunge	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·13	3·78	2·76
		Dacca ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·09	1·06	1·71
		Naraingunge	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·05	3·34	3·35
		Manickgunge	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·14	0·82	1·71
		Joydebpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·95	?
	Hill Tipperah	Agartola ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·21	7·40	3·46
	Tipperah ...	Comilla ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·24	6·42	2·65
		Chandpore ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·17	4·45	1·98
		Brahmunberia	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·25	4·59	2·45
		Ramchandrapore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·42	?
		Nasirnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·55	?
		Daudkandi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·17	?
		Kasba ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	7·44	?
		Laksham ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·05	?
	Mymensingh..	Kishoregunge	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·24	1·67	2·05
		Atia (*Tangail*)	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·15	0·63	1·76
		Mymensingh	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·16	2·57	2·05
		Jamalpore ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·14	3·00	1·81
		Netrokona ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·05	1·71	2·51
		Subornakhally	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·10	?
		Durgapore ...	......	......	......	......	......	......	......	Nil	Nil	?		?	?	?
		Sherepore Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·08	?
		Dewanganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·84	?
NORTH BENGAL.	Pubna ...	Pubna ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·13	0·99	1·78
		Serajgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·07	1·09	1·85
	Bogra ...	Sherepore ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·15	2·64	1·75
		Nowkhilla ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	2·67	1·64
		Bogra ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·17	3·60	1·60
		Panchbibi ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·10	0·45	0·75
	Rajshahye ...	Beauleah ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·23	0·31	1·34
		Nattore ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·34	1·44	1·60
		Naogaon ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·10	1·00	0·88
		Lalpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·07	?
		Manda ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·00	?
	Maldah ...	Maldah ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·19	0·26	1·70
		Chanchal ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·23	0·02	1·06
		Gajol ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·15	?
		Sibganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·93	?
	Dinagepore ...	Mohadebpore	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·17	0·70	0·65
		Churamon ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·02	0·08	0·45
		Raigunge ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·13	Nil	0·50
		Dinagepore ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·18	Nil	2·06
		Baloorghat .	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·05	0·17	0·59
		Thakoorgaon	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Rungpore ...	Bhawanigunge (*Gyabanda*)	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·19	0·54	1·50
		Rungpore ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·15	0·09	1·75
		Kurigram ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·15	0·06	1·09
		Bagdogra (*Nilphamari*)	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	Nil	0·86
		Ulipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·48	?
	Julpigoree ..	Julpigoree ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·11	Nil	2·38
		Alipore Dooar	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Fallacotta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Debiganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bhagatpore (*Nagrakatta*)	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·41	?
	Cooch Behar..	Dinhatta ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·05	Nil	1·14
		Cooch Behar...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·09	Nil	1·33
		Mickilgunge...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	Nil	1·06
		Masabhanga...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·02	Nil	0·95
	Darjeeling Hill.	Buxa ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·33	2·30	4·05
		Silliguri ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·01	Nil	0·79
		Darjeeling ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·16	0·07	3·89
		Kalimpong ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·04	0·47	0·59
		Kurseong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
NORTH BEHAR	Purneah ...	Kissengunge...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·15	Nil	1·29
		Arrareah ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·13	Nil	1·09
		Purneah ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·06	Nil	1·71
		Gondwara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Barsoe ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Mattari ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Kaliaganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	North Bhagulpore.	Maddapore ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·18	Nil	1·08
		Soopool ..	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·07	Nil	0·97
		Protabganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Durbhunga ...	Tajpore ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·10	Nil	1·15
		Durbhunga ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·14	Nil	1·04
		Madhubani ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·17	Nil	1·00
		Bahera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Roshera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Mozufferpore	Sitamarhi ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·17	Nil	0·84
		Mozufferpore	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·22	Nil	1·6
		Hajipore ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·22	0·17	1·08
		Paru ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Mahua ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sirhar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pupri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 9th of January 1892—concld

Meteorological division.	District.	Station.	Rainfall. Sunday, 3rd Jan.	Monday, 4th Jan.	Tuesday, 5th Jan.	Wednesday, 6th Jan.	Thursday, 7th Jan.	Friday, 8th Jan.	Saturday, 9th Jan.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
NORTH BEHAR —concluded.	Chumparun ...	Motihari ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·18	Nil	0·70
		Bettiah ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·13	Nil	0·65
		Bagaha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Burhurwa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Sarun ...	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·04	0·07	0·42
		Sewan ..	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·27	0·09	1·49
		Chuprah ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·21	Nil	1·35
SOUTH BEHAR	Shahabad ..	Buxar	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·31	0·18	1·72
		Dehree ..	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·08	Nil	1·50
		Bhaboosh ...	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·34	Nil	2·05
		Sasseram ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·16	Nil	1·70
		Arrah ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·23	Nil	1·35
		Mohaniah .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Ugraon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Rammagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Koath ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Sikroul ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Bassawan ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Manaharpur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
	Gya .	Aurungabad...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·10	Nil	0·90
		Gya ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·12	0·73	1·84
		Nowadah ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·18	0·07	1·20
		Jehanabad ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·30	Nil	1·27
		Arwal .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Daudnagar .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sherghatti .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·26	?
		Kajauli .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		PakriBarawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·03	?
	Patna ..	Patna ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·20	0·21	1·47
		Dinapore	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·10	0·10	1·42
		Behar ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·20	0·06	1·53
		Barrh ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·11	0·13	1·61
		Bickram ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hilsa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
	Monghyr ...	Begooserai ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·13	0·05	1·61
		Monghyr	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·11	Nil	1·46
		Jamui ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·16	0·10	1·05
		Gogri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	South Bhagulpore	Bhagulpore ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·10	0·01	1·21
		Banka ..	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·15	0·18	1·57
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bongaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Sonthal Pergunnahs.	Rajmehal ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·02	0·14	1·07
		Godda ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·04	0·08	1·03
		Pakour	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·05	1·85	1·08
		Nya Doomka	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·33	0·38	1·54
		Deoghur ..	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·13	0·18	1·92
		Jamtara ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·15	0·30	1·41
		Mohagama ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Nanihat ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·76	?
CHUTIA NAGPUR.	Hazaribagh ...	Pachamba (*Giridi*). ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·17	Nil	1·36
		Hazaribagh ..	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·22	0·15	1·53
		Semtaguran	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·19	Nil	1·20
		Mahudi Hills	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·22	Nil	1·24
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·27	0·57	1·56
		Barhi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·07	?
		Chatra ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·05	?
		Karagdeha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·17	?
		Ramghar ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·15	?
	Lohardugga ..	Lohardugga...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·31	0·22	2·18
		Ranchi ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·22	0·23	1·72
		Palamow ..	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·24	0·06	1·70
		Silli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Balumat ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hosseinabad	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Garwah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Singbhoom	Chyebassa ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·16	0·54	1·95
		Chakradharpore.										?		?		?
		Ghatsilla ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·89	?
		Baharagura	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·62	?
	Manbhoom ..	Purulia ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·08	0·65	1·29
		Gobindpore ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·26	0·25	1·49
		Raghunathpore.	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Burrabhoom	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·70	?
		Jhalda ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·23	?
		[illegible] ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·19	?
		Pandra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?

Explanation.—..... indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day when at least 0·1 inch of rain has fallen.

CALCUTTA, *the 12th January* **1892.**

for the week ending Saturday, the 9th of January 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	Of week. Mean for district.	Of week. Normal mean.	District observations. Rainfall. Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 16th October 1891. Mean for district.	Since 16th October 1891. Normal mean.	Since 16th October 1891. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
81	0	Nil	Nil	0·03	Nil	0·04	–0·04	3·34	6·36	–3·02	0·00	0·04	Pooree ...	Pooree ...	Orissa.
79	0	Nil											Gopalpore ...		
85	0·4	Nil											False Point ...		
76	0·3	Nil	Nil	0·07	Nil	0·07	–0·07	7·69	4·10	+3·59	0·00	0·08	Cuttack ...	Cuttack ...	
77	0	Nil	Nil	0·07	Nil	0·10	–0·10	3·99	2·81	+1·18	0·00	0·15	Balasore ...	Balasore ...	
89	0	Nil	Nil	0·10	Nil	0·12	–0·12	2·54	4·30	–1·76	0·00	0·10	Saugor Island ...	South-West Midnapore South 24-Pergunnahs	South-West Bengal.
65	0	Nil	Nil	0·18	Nil	0·19	–0·19	0·28	2·14	–1·86	0·00	0·21	Midnapore ...	Midnapore ...	
83	0·3	Nil	Nil	0·10	Nil	0·14	–0·14	0·46	1·96	–1·50	0·00	0·14	Calcutta ...	24-Pergunnahs ... Howrah ... Hooghly ...	
61	1·1	Nil	Nil	0·04	Nil	0·05	–0·05	0·54	1·71	–1·17	0·00	0·10	Burdwan ...	Burdwan ...	
68	1·1	Nil	Nil	0·06	Nil	0·06	–0·06	0·56	1·72	–1·16	0·00	0·15	Bankoora ...	Bankoora ...	
67	0·6	Nil	Nil	0·14	Nil	0·20	–0·20	1·35	1·26	+0·09	0·00	0·17	Raneegunge ...	Beerbhoom ... West Burdwan ...	
87	0·9	Nil	Nil	0·15	Nil	0·21	–0·21	1·34	1·17	+0·17	0·00	0·17	Berhampore ...	Moorshedabad ...	
82	1·1	Nil	Nil	0·04	Nil	0·09	–0·09	0·74	1·75	–1·01	0·00	0·10	Krishnagur ...	Nuddea ...	
88	0·6	Nil	Nil	0·07	Nil	0·13	–0·13	1·85	2·28	–0·43	0·00	0·12	Jessore ...	Jessore ... Khoolna ...	
89	0·1	Nil	Nil	0·05	Nil	0·06	–0·06	3·00	5·02	–2·02	0·00	0·08	Chittagong ...	Chittagong ...	East Bengal.
			Nil	0·05	Nil	0·09	–0·09	3·33	4·46	–1·13	0·00	0·10	Demagiri ...	Chittagong Hill Tracts	
87	0	Nil	Nil	0·08	Nil	0·20	–0·20	1·34	3·69	–2·35	0·00	0·14	Barrisal ...	Backergunge ...	
91	0	Nil	Nil	0·18	Nil	0·22	–0·22	2·43	5·17	–2·74	0·00	0·24	Noakhally ...	Noakhally ...	
93	0·3	Nil	Nil	0·07	Nil	0·12	–0·12	1·94	1·80	+0·14	0·00	0·16	Furreedpore ...	Furreedpore ...	
89	0·6	Nil	Nil	0·05	Nil	0·10	–0·10	2·47	2·40	+0·07	0·00	0·12	Dacca ...	Dacca ...	
91	0·3	Nil	Nil	0·13	Nil	0·22	–0·22	5·67	2·64	+3·03	0·00	0·25	Commillah ...	Commillah ...	
93	0·6	Nil	Nil	0·09	Nil	0·14	–0·14	1·91	2·05	–0·14	0·00	0·17	Mymensingh ...	Mymensingh ...	
86	0	Nil	Nil	0·12	Nil	0·14	–0·14	2·34	1·44	+0·90	0·00	0·17	Bogra ...	Bogra ...	North Bengal.
91	0·4	Nil	Nil	0·07	Nil	0·10	–0·10	1·05	1·83	–0·78	0·00	0·18	Serajgunge ...	Pubna ...	
80	0·3	Nil	Nil	0·14	Nil	0·22	–0·22	1·22	1·27	–0·05	0·00	0·25	Rampore Beauleah	Rajshahye ...	
85	0	Nil	Nil	0·14	Nil	0·20	–0·20	0·14	1·41	–1·27	0·00	0·14	Maldah ...	Maldah ...	
87	0·4	Nil	Nil	0·09	Nil	0·10	–0·10	0·19	0·84	–0·65	0·00	0·13	Dinagepore ...	Dinagepore ...	
91	0·1	Nil	Nil	0·14	Nil	0·16	–0·16	0·17	1·30	–1·13	0·00	0·14	Rungpore ...	Rungpore ...	
90	0·3	Nil	Nil	0·04	Nil	0·05	–0·05	Nil	1·38	–1·38	0·00	0·13	Julpigoree ...	Julpigoree ... Cooch Behar ...	
80	1·6	Nil	Nil	0·10	Nil	0·14	–0·14	0·71	2·41	–1·70	0·00	0·25	Darjeeling ...	Darjeeling Hill Tracts	
80	0·6	Nil	Nil	0·08	Nil	0·10	–0·10	Nil	1·22	–1·22	0·00	0·12	Purneah ...	Purneah ... North Bhagulpore ...	North Behar.
91	1·3	Nil	Nil	0·15	Nil	0·21	–0·21	0·06	1·20	–1·14	0·00	0·28	Mozufferpore ...	Mozufferpore ...	
86	0·7	Nil	Nil	0·14	Nil	0·17	–0·17	Nil	1·04	–1·04	0·00	0·29	Durbhunga ...	Durbhunga ...	
93	1·4	Nil	Nil	0·15	Nil	0·15	–0·15	Nil	0·69	–0·69	0·00	0·20	Motihari	Chumparun ...	
86	0·7	Nil	Nil	0·15	Nil	0·17	–0·17	0·05	1·08	–1·03	0·00	0·28	Chupra ...	Sarun ...	
74	1·6	Nil											Dehree ...		
72	1·7	Nil	Nil	0·22	Nil	0·23	–0·23	0·04	1·69	–1·65	0·00	0·33	Buxar ...	Shahabad ...	South Behar.
82	0·9	Nil											Arrah ...		
69	2·1	Nil	Nil	0·16	Nil	0·18	–0·18	0·20	1·21	–1·01	0·00	0·34	Gya ...	Gya ...	
70	1·4	Nil	Nil	0·16	Nil	0·17	–0·17	0·13	1·46	–1·33	0·00	0·35	Bankipore ...	Patna ...	
80	2·6	Nil	Nil	0·11	Nil	0·13	–0·13	0·07	1·38	–1·31	0·00	0·29	Bhagulpore ...	South Bhagulpore ... Monghyr ...	
71	0	Nil	Nil	0·09	Nil	0·12	–0·12	0·49	1·33	–0·84	0·00	0·14	Doomka ...	Sonthal Pergunnahs ..	
58	2·3	Nil	Nil	0·14	Nil	0·21	–0·21	0·15	1·40	–1·25	0·00	0·24	Hazaribagh ...	Hazaribagh ...	Chutia Nagpur.
61	2·0	Nil	Nil	0·15	Nil	0·25	–0·25	0·18	1·85	–1·67	0·00	0·30	Ranchi ...	Lohardugga ...	
			Nil	0·14	Nil	0·17	–0·17	0·46	1·40	–0·94	0·00	0·16		Maunbhoom ...	
67	0·9	Nil	Nil	0·15	Nil	0·16	–0·16	0·54	1·95	–1·41	0·00	0·30	Chyebassa ...	Singbhoom ...	

ten years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean
ten years. The means of the district are the numerical average of the rainfall return received in the district, *i.e.*, from total rainfall at the sub-divisions

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 9th of January 1892.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 3rd Jan.	Monday, 4th Jan.	Tuesday, 5th Jan.	Wednesday, 6th Jan.	Thursday, 7th Jan.	Friday, 8th Jan.	Saturday, 9th Jan.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
ORISSA ..	Pooree ...	Pooree ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	15·91	7·25
		Khurdah ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·08	3·74	4·68
		Banpur ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·01	1·77	6·30
		False Point ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·03	12·25	7·21
		Gop ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Satpara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·10	?
		Pipli ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	6·98	?
	Cuttack	Jagatsingpore	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·08	12·47	4·21
		Banki ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·05	1·17	3·65
		Cuttack ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·03	4·87	4·07
		Kendrapara ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·10	10·72	4·26
		Jajpore ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·07	3·24	3·51
		Dharmsala ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	5·36	?
		Salipore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	8·20	?
	Balasore .	*Akhoyapada*	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·74	?
		Chandbali ..	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·09	11·05	4·07
		Bhuddruck ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·08	5·85	2·05
		Sorah ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·05	3·93	2·72
		Balasore ..	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·10	2·47	3·60
		Jellasore ..	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·12	0·82	1·54
		Baripodah ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·10	0·35	2·07
SOUTH-WEST BENGAL.	Midnapore .	Contai ..	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·11	2·49	4·99
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0.11	4·44	5·17
		Tumlook ..	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·12	0·35	2·64
		Midnapore ...	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·24	0·19	2·58
		Ghattal ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·18	0·33	1·21
		Kukrahaty ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
		Garhetta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·19	?
	24-Pergunnahs	Diamond Harbour ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·15	0·70	2·70
		Canning Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·34	?
		Alipore Jail ..	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·24	0·43	2·60
		Barrackpore...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·13	0·23	1·86
		Dum-Dum ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·19	0·40	2·12
		Baraset ..	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·21	0·36	2·09
		Buseerhat ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·10	1·28	1·97
	Howrah ..	Howrah .	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·16	0·29	2·26
		Mohesrekha ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·06	0·41	1·51
		Oolooberiah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·36	?
	Hooghly ..	Serampore ..	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·11	0·49	1·75
		Hooghly ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·10	0·33	1·05
		Jehanabad	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·04	0·30	1·57
	Burdwan ..	Culna ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·06	0·34	1·70
		Burdwan ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·03	0·28	1·72
		Cutwa ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·06	0·98	1·72
		Raneegunge ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·12	0·56	1·27
		Mankur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·65	?
	Bankoora ...	Bankoora ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·04	0·69	1·09
		Bishenpore ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·06	0·37	1·67
		Mahara ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·05	0·65	1·32
		Khatra ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·10	0·50	2·16
		Indas ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·48	?
		Kotalpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·30	?
		Anda ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
		Gangajalghati	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·20	?
		Raipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·82	?
		Sonamukhi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·51	?
	Beerbhoom	Bh. Soory ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·21	1·45	1·58
		Hetampore ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·25	1·52	0·91
		Rampore Haut	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·23	1·88	1·24
		Bolpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·10	?
		Murarai ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·56	?
	Nuddea ...	Ranaghat ..	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·08	0·60	1·83
		Kishnaghur ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·09	1,30	1·31
		Choodanga ..	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·10	0·47	2·15
		Mehorpore ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·10	0·30	1·63
		Kooshtea	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·11	1·00	1·80
	Khoolna ..	Satkhira .	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·10	3·13	2·37
		Bagirhat ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·30	2·78	2·50
		Khoolna ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·18	3·80	2·61
		Nakipur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·82	?
		Rampal .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·80	?
	Jessore ...	Narail .	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·13	2·13	2·59
		Jessore ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·11	1·43	2·40
		Jhenidah ..	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·12	0·34	2·06
		Magoorah ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·05	0·52	1·65
		Bongong ..	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·08	0·56	2·09
	Moorshedabad	Kandi ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·14	1·20	1·35
		Berhampore ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·24	1·06	1·25
		Lalbagh ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·04	0·86	1·05
		Azimgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·25	1·88	1·19
		Jungipore ..	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·26	1·43	1·09
		Lalgola ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·34	1·60	1·07
		Akhrigunj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·63	?
		Patkabari ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·10	?
EAST BENGAL	Chittagong	Cox's Bazar ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·07	4·01	6·14
		Chittagong ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·03	1·98	3·84
		Kutubdia ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·81	?
		Satkanya ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·73	?
	Chittagong Hill Tracts.	Rangamati ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·09	8·33	4·46
		Sundarbun ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·04	?
	Backergunge	Patuakhally...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·23	0·93	4·10
		Perozepore ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·24	1·60	3·38
		Burrisal ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·23	2·21	3·60
		Bhola ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·13	0·53	3·63

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 9TH OF JANUARY 1892.

THE meteorological conditions of the week have again continued practically without any important change until Saturday, the 9th of January. On the 3rd pressure was rising rather rapidly, and had become slightly but distinctly above the normal, while temperature was above the normal at the western and below it at the eastern and southern stations. The northerly wind current blowing over the province was a little less regular than usual, but fine clear weather obtained at all stations. On the 4th the rise of pressure continued, while temperature fell and became below the normal over the whole province; and winds also became more steady. From the 5th a fall of pressure set in which continued on the 6th and 7th, though a slight rise set in on the 8th. A rapid fall then commenced on the 9th, the fall at some stations exceeding a tenth of an inch, and pressure generally became nearly a tenth of an inch below the normal. This fall apparently accompanied the commencement of a barometric depression in North-Western India, and on this day also temperature increased rapidly and became from 2° to about 5° above the normal, while humidity also increased very largely and became very high. The northerly wind also fell off in force, and at several stations winds became more or less southerly. Cloud proportion also commenced to increase, but no rain fell. Conditions at the close of the week were therefore becoming a little abnormal, but fine clear weather still obtained at all stations, and for the whole week the province has again been absolutely rainless.

Pressure.—The mean pressure for the week has been slightly in excess of the normal in all districts and at almost all stations except a few in and near the line of the hills, where there has been a slight defect. At most stations, however, the variations do not exceed more than a few thousandths of an inch, and the general pressure of the province has not been more than about 0·01 inch above the normal.

Temperature—Was below the normal in the early part of the week and largely above it at its close. For the whole week, however, the mean temperature has not been very far removed from the normal, and the general temperature of the province has been about a fifth of a degree in excess of the normal. Orissa has on the one side shown a distinctly defective temperature, while Chutia Nagpur and East and North Bengal have shown an excess of half to one degree.

The variation of temperature is, however, most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in different districts of the province are compared with the normal values for the same period. It will be seen that the day temperatures have been generally in excess of the normal, while the night temperatures have been in defect.

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 9th January 1892.

	Normal mean maximum temperature for the week ending 9th January.	Actual mean maximum temperature for the week ending 9th January 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 9th January.	Actual mean minimum temperature for the week ending 9th January 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 9th Janury.	Actual mean daily temperature for the week ending 9th January 1892.	Variation of actual mean from the normal.
Cuttack	83·3	82·0	−1·3	59·8	57·2	−2·6	71·6	69·6	−2·0
Calcutta	75·8	77·6	+1·8	54·7	51·2	−3·5	65·3	64·3	−1·0
Dacca	77·0	78·1	+1·1	54·9	55·1	+0·2	66·0	66·6	+0·6
Burdwan	77·0	78·4	+1·4	54·3	51·8	−2·5	65·6	65·1	−0·5
Patna	72·2	70·4	−1·8	48·9	48·8	−0·1	60·6	59·6	−1·0
Gya	74·7	74·8	+0·1	51·1	49·5	−1·6	62·9	61·9	−1·0
Purneah	74·2	76·3	+2·1	47·5	42·2	−5·3	60·9	59·3	−1·6
Hazaribagh	71·6	73·8	+2·2	49·7	49·4	−0·3	60·7	61·6	+0·9
Darjeeling	45·5	43·9	−1·6	35·3	34·9	−0·4	40·4	39·4	−1·0

Rainfall—Has again been entirely absent from the province throughout the week.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 9th of January 1892 :—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th Oct. 1891.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average	Normal average.	Average.	Normal average.
Orissa	83·8	51·5	79·8	56·7	68·3	—1·0	Nil	0·06	—0·06	0·00	0·09	—0·09	Nil	0·07	6·44	4·19
South-West Bengal ...	82·3	46·2	77·8	51·9	64·9	—0·3	Nil	0·10	—0·10	0·00	0·15	—0·15	Nil	0·14	1·05	1·97
East Bengal	81·7	48·5	77·0	52·9	65·0	+0·9	Nil	0·09	—0·09	0·00	0·18	—0·18	Nil	0·15	2·41	2·90
North Bengal	79·6	44·0	76·0	49·7	62·9	+0·7	Nil	0·10	—0·10	0·00	0·17	—0·17	Nil	0·13	0·65	1·30
North Behar	79·7	39·0	74·9	45·9	60·4	—0·3	Nil	0·13	—0·13	0·00	0·22	—0·22	Nil	0·16	0·02	1·08
South Behar	79·8	44·4	74·6	49·4	62·0	+0·5	Nil	0·14	—0·14	0·00	0·28	—0·28	Nil	0·16	0·19	1·39
Chutia Nagpur	77·2*	46·9*	74·0*	49·1*	61·6*	+1·0*	Nil	0·15	—0·15	0·00	0·24	—0·24	Nil	0·22	0·25	1·56

* Chyobassa not included.

METEOROLOGICAL OFFICE, BENGAL, A. PEDLER,

The 12th January 1892. *Meteorological Reporter to the Govt. of Bengal.*

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of December 1891.

	Inches.	Date.	Hour.
The mean pressure of the month	30·053		
The average pressure of December from 24 years' registers ...	30·027		
The highest pressure in the month	30·234	24th	10
The lowest pressure in the month	29·907	31st	16
The range of pressure	0·327		
	Hours.		
The total number of hours of bright sunshine during the month	257·2		
The maximum possible number of hours of sunshine ...	332·8		
	ϴ		
The mean temperature of the month	66·4		
The average temperature of December from 24 years' registers	68·0		
The highest temperature in the month	80·9	18th	
The lowest temperature in the month	50·7	31st	
The range of temperature during the month	30·2		
The mean daily range of temperature	21·5		
The greatest range of temperature in one day	26·0	31st	
	Per cent.		
The mean humidity of the month	69		
The average humidity of December from 24 years' registers ...	71		
	Inches.		
The mean vapour tension of the month	0·440		
The average vapour tension of December from 9 years' registers	0·476		
The mean cloud proportion of the month	1·21		
The average cloud proportion of December from 14 years' registers	1·65		
The total rainfall of the month	Nil.		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground)	Nil.		
The average fall of December from 48 years' registers ...	0·23		
The greatest fall in 24 hours	Nil		
	Days.		
The number of rainy days in the month	0		
The average number of rainy days in December from 24 years' registers	1		
	ϴ		
The mean maximum equilibrium temperature of solar radiation during the month	132·1		
The mean difference of sun and air temperatures	54·0		
The greatest sun temperature	138·5	4th	
The greatest excess of sun over air temperature	62·6	24th	
The mean temperature of the nocturnal radiation thermometer on woollen cloth	48 8		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground	8·1		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature	10·5	21st	
	Miles.		
The mean movement of the wind per day	67·4		
The greatest movement of the wind in one day	90·0	13th	
The greatest movement of the wind in one hour	9·0	7th, 10 to 11 A.M. 8th, 1 to 2 P.M. 13th, 11 to noon.	

The number of hours with winds from each of the 8 points—

N. 521, N.E. 75, E. 18, S.E. 0, S. 0, S.W. 4, W. 6, N.W. 68, Calm 52.

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park Street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore ·003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 0·6° lower; and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0·6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

C. LITTLE,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 11th January 1892.

Abstract of the Results of the Barometric and Thermometric Observations taken at 10 a.m. at the Meteorological Office, Chowringhee, in the month of December 1891.

	Inches.	Date.
The mean pressure at 10 A.M. during the month	30·128	
The mean temperature at 10 A.M. during the month	72°·1	
The highest temperature during the month	81·9	1st & 18th.
The lowest temperature during the month	50·9	26th.
The absolute range of temperature during the month	31·0	
The mean daily range of temperature during the month ...	22·1	
The greatest range of temperature in one day during the month ...	25·8	25th.
The mean 10 A.M. humidity during the month	% 57	
The mean 10 A.M. vapour tension during the month	Inch. ·457	
The total rainfall of the month	Nil	
The greatest fall in 24 hours	...	
The number of rainy days in the month	...	

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
The 11*th January* 1892.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 3rd to 9th January 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature. Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Hygrometry. Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	Rainfall past 24 hours.
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
January ...	3rd ...	30 166	64·4	76 9	25·0	51·9	69 0	61·3	·441	55·4	62	Nil.
" ...	4th ...	·168	61·4	76 9	25·0	51·9	68·6	58·2	·348	49·0	49	"
" ...	5th ...	·131	63·7	76·9	26·5	50·4	67·6	58·7	·377	51·2	55	"
" ...	6th ...	·122	64·5	78·1	27·2	50 9	68 9	60·7	·423	54·4	59	"
" ...	7th ...	·102	65·2	78·9	27·5	51·4	69·2	63·2	·501	59·0	70	"
" ...	8th ...	·116	65·5	79·1	27 2	51 9	69·6	62·7	·479	57·8	65	"
" ...	9th ...	·036	66·9	79·7	25·7	54·0	71·4	63·6	·485	58·2	64	"

	Inches.
The mean 10 A.M. pressure of the seven days	30·120
The mean temperature of the seven days	64°·9
The extreme variation of temperature	29·3
The maximum temperature	79·7
The mean 10 A.M. relative humidity of the seven days	% 61
The total fall of rain from 3rd to 9th January 1892	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The 11*th January* 1892.

Results of the Meteorological Observations taken at the Alipore Observatory from 3rd to 9th January 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Maximum.	Range.	Minimum.	Hygrometry. Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Wind. Prevailing direction.	Miles recorded.	Rain.	Weather.
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Jan.	3rd	128·4	8·8	30·090	62·4	76·6	25 9	50·7	56·1	0·370	50·6	68	N N W and calm	43	Nil	Clear, △, ≡.
,,	4th	128·1	9·0	·086	62·7	76·6	26·0	50 6	55·1	·338	48·2	61	N, N N W and N W.	65	,,	Clear, △.
,,	5th	129·5	9·4	·037	62·0	76·5	25·8	50·7	55·2	·348	49·0	65	N by W and N N W.	59	,,	Clear, △.
,,	6th	130·5	9·2	·037	62·7	77·7	27·6	50·1	56 1	·367	50·4	68	N N W and N ...	55	,,	Partially cloudy, △.
,,	7th	128·8	8·4	·025	63·2	78·6	28 4	50·2	57·7	·411	53·5	73	N and N by E ...	46	,,	Clear, △, ≡.
,,	8th	130·9	8·6	·022	64·4	78·6	25·9	52 7	59·0	·431	51·8	74	N by E and N N E.	41	,,	Clear, △.
,,	9th	122·8	7·7	29 962	65·3	78·8	25·8	53·0	59·8	·442	55·5	71	N E by N and N	28	,,	Clear, △, ≡.

	Inches.
The mean pressure of the seven days	30·037
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	30 021
	Hours.
The total number of hours of bright sunshine	61·1
The maximum possible number of hours of sunshine	75·4
	°
The mean temperature of the seven days	63·2
The average temperature of the corresponding period for 24 years, S.-G.'s Office	67·5
The extreme variation of temperature	28 7
The maximum temperature	78·8
	Miles
The highest velocity of the wind in one hour	8
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	69
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	72
	Inches.
The total fall of rain from 3rd to 9th January 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·09
The total fall from 1st to 9th January 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·09

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

≡, fog; △, dew.

C. LITTLE,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;

Calcutta, the 11th January 1892.

MEMORANDUM.

Report on the Monthly Statistics of Deaths registered in forty-five districts of Bengal for the month of September 1891.

The total deaths registered in forty-five districts of Bengal during the month of September 1891 numbered 149,431, against 146,205 in September 1890 and an average of 126,666 in the corresponding month of the previous five years, 1886—90. These figures represent an annual death-rate of 27·12, 26·52 and 23·04 per 1,000, respectively, of the aggregate population of those districts, which is 65,859,534. The death-rate of September 1891 is 4·08 higher than the mean rate of the corresponding month of the past five years 1886—90, and is also higher than the rate of the corresponding period of any of the past five years with which comparison is made, *vide* the figures below—

	September 1886.	September 1887.	September 1888.	September 1889.	September 1890.	Monthly average of five years, 1886—90.	September 1891.
Number of deaths	118,586	111,820	121,538	135,179	146,205	126,666	149,431
Ratio per mille per annum	21·60	20·28	22·08	24·60	26·52	23·04	27·12

The death-rate of the forty-five districts during September 1891, as will be seen from the following table, is greater than the previous months of the year except March and April:—

Months.		*Number of deaths.*	*Ratio per mille.*
January	... ...	143,492	26·04
February	... ...	137,553	24·96
March	... ...	168,185	30·60
April	... ...	161,980	29·52
May	... ...	125,975	22 92
June	... ...	140,594	25·56
July	... ...	121,977	22 20
August	... ...	142,154	25·80
September	... ...	149,431	27·12

The following table shows the registered results as they occurred among the different sexes and the several classes of the community which comprise the population of the Bengal Province. As usual, on the whole, more males died than females. The ratio of deaths among the sexes, calculated on the proportion the mortality bears to the total male and female population of the province, is as 110 is to 100; but, individually considered, in only three districts, viz., Rajshahye, Darjeeling, and Purneah, the death-rates among females are greater than that among males. Considered with the population of each class, the death-rate per mille per annum among the Hindus is greater than among the Mahomedans or other classes, Christians come next, Buddhists suffered least:—

	Sex.			Class.				
	Males.	Females.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.
Number of deaths	77,991	71,440	...	175	99,424	46,090	126	3,616
Ratio per mille per annum ...	28·56	25·80	110	21·60	27·84	25·92	18·96	25·92

The following table exhibits the proportions of deaths registered during the month of September 1891, above 30 per 1,000 of population, arranged in order of sequence, and compared with the ratios of the corresponding month of 1890:—

Districts.	Ratio per *mille* during— Sept. 1891.	Sept. 1890.	*Districts.*	Ratio per *mille* during— Sept. 1891.	Sept. 1890.
Maldah	52·20	28·32	Rajshahye	34·32	31·92
Murshedabad	39·48	29·04	Patna	33·72	36·36
Nuddea	39 24	27·00	Serampore	32·40	28·32
Chumparun	38·40	27·72	Lohardugga	32·28	28·08
Gya	38·04	48·36	Dinajpore	31·56	23·04
Darjeeling	36·84	34·44	Julpaiguri	31·44	30·96
Shahabad	36·60	38·76	Hazaribagh	30·60	33·00
Jessore	36·24	33·96	Mozufforpore	30 00	30·96
Monghyr	36·12	35·58	Bhagulpore	30·00	30·00

The maximum death-rate was registered in Maldah, 52·20 per mille, and the minimum in Tipperah, 16·08. Fever is accountable for the high death-rate in Maldah, 2,821 deaths having occurred from this disease out of a total of 3,091. In seventeen districts the death-rates ranged between 30· and 39·48, in eighteen they were between 20·40 and 28·68, and in the remaining nine they were below 20.

The total mortality from the several registered death-causes during the month under notice is compared in the following table with the mortality from those causes in the corresponding month of 1890 and the average of the previous five years 1886-90:—

	Ratio per mille during—		
	September 1891.	September 1890.	Monthly average of five years 1886-90.
Cholera	1·20	·84	·96
Small-pox	·09	·06	·04
Fever	20·76	20·16	16·92
Dysentery and diarrhœa	·60	·60	·72
Injury	·60	·72	·60
Other causes	3·72	3·84	3·36

The only noticeable point in connection with the above table is that the death-rate of September 1891 under the head fever is higher than the mean rate of the corresponding period of the past five years 1886-90.

Cholera caused 6,844 deaths, or at an annual death-rate of 1·20 per 1,000 of population, against 14,548, ratio 2·64, in the preceding month. The highest death rate occurred in Chumparun, 6· per 1,000 per annum, next in Shahabad 5·76, then in Gya 3·84, Sarun 3·72, and in Mozufferpore 2·88. In four districts, viz. Dinajpore, Rungpore, Noakhali, and Singbhum, the disease was entirely absent.

The deaths from *small-pox* numbered 557, ratio ·09 per mille per annum, against 959, ratio ·12, in the previous month. Cuttack returned the highest death-rate, viz. ·96 per mille per annum, followed by Poori ·72 and Midnapore ·60. The disease was entirely absent in fourteen districts, viz. Birbhoom, Hughli, Serampore, Jessore, Murshedabad, Khulna, Rajshahye, Rungpore, Pubna, Darjeeling, Noakhali, Monghyr, Maldah and Sonthal Pergunnahs.

Fever caused 114,017 deaths and *dysentery and diarrhœa* 3,641 (ratios 20·76 and ·60 per 1,000 of population respectively), against 99,028 and 3,668 (ratios 18· and ·60 respectively). These diseases were present in every district. Maldah seems to have suffered most from fever, the annual death-rate being 47·64 per mille. The death-rates from fever were also high in Nuddea 35·04, Murshedabad 33·96, Jessore 33·84, Rajshahye 31·68, Julpaiguri 30·12, Dinajpore 29·40, Monghyr 28·32, Gya 27·96, Rungpore 25·56, Shahabad 25·32, and Purneah 25·20. Darjeeling returned the highest death rate from dysentery and diarrhœa 7·20 per mille of population, followed by Balasore 3·96.

Injury caused 3,654 deaths (ratio ·60 per mille) against 4,204 (ratio ·72) in the month before, and the mortality from *all other causes* not specified amounted to 20,718 (ratio 3·72 per mille), against 19,749 (ratio 3·48) in the preceding month. Poori returned the highest death-rate from the unspecified diseases coming under the head "All other causes," viz. 11·28 per 1,000 per annum, next Sarun 9·96.

With regard to mortality according to *age*, infants under one year of age, as usual, perished in the largest numbers, viz. at the rate of 202·56 per 1,000 of population per annum; next came old persons (60 years and upwards) with a death-rate of 64·68 per mille. The lowest death-rate occurred among persons between 10 and 15 years of age, viz. 12·96 per 1,000 per annum.

Detailed information regarding the mortuary statistics of the forty-five districts of Bengal during the month under review will be found in the statement appended.

W. H. GREGG, *Dip. Publ. Health, Camb.*,
Sanitary Commissioner for Bengal

The 9th January 1892.

Statement showing the Results of the Registration of Deaths in the Districts in Bengal for the month of September 1891.

1	2	3			4							5							6		7		8		9
					MORTALITY ACCORDING TO—																				
					Disease.																Sex.				
		POPULATION.			DEATHS FROM—							RATIO PER 1,000 OF POPULATION PER ANNUM.							COMPARISON WITH PREVIOUS PERIODS.		DEATHS AMONG—		RATIO PER 1,000 OF POPULATION PER ANNUM.		
DIVISIONS.	DISTRICTS.	Males.	Females.	Total.	Cholera.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injury.	Other diseases.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injury.	Other diseases.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the previous month.	Ratio of deaths per 1,000 of population per annum in the corresponding month of the previous year.	Males.	Females.	Males.	Females.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
BURDWAN	Burdwan	668,295	723,528	1,391,823	19	7	2,013	78	46	534	*2,697*	·12	·06	17·24	·60	·36	4·56	*23·16*	19·68	19·20	1,891	1,306	24·96	21·60	115
	Bankura	507,136	534,616	1,041,752	20	1	1,225	25	42	339	*1,652*	·12	·01	14·04	·24	·48	3·84	*18·96*	16·08	18·72	825	827	19·44	18·48	107
	Birbhum	381,563	412,865	794,428	1	...	1,386	9	27	459	*1,882*	·01	...	20·88	·12	·36	6·84	*28·32*	24·72	22·08	937	945	29·40	27·36	107
	Midnapore	1,243,195	1,272,370	2,515,565	9	139	3,965	194	104	705	*5,115*	·03	·60	18·84	·84	·48	3·36	*24·36*	22·20	24·12	2,566	2,549	24·72	24·00	103
	Hughli	315,665	347,385	663,050	36	...	1,105	81	34	242	*1,498*	·60	...	19·92	1·44	·60	4·32	*27·00*	21·64	24·60	731	767	27·72	26·40	105
	Serampore	174,366	177,589	351,955	16	...	660	102	21	153	*952*	·48	...	22·44	3·36	·60	5·16	*32·40*	25·08	28·32	505	447	34·68	30·12	115
	Total (Hughli including Serampore).	490,031	524,974	1,015,005	52	...	1,765	183	55	395	*2,450*	·60	...	20·76	2·16	·60	4·56	*28·92*	22·20	25·80	1,236	1,214	30·24	27·72	103
	Howrah	316,479	318,902	635,381	56	1	673	186	51	314	*1,281*	·96	·01	12·60	3·43	·96	5·88	*24·12*	21·36	23·16	698	583	26·42	21·84	120
PRESIDENCY	24-Pergunnahs ...	860,841	812,521	1,673,362	129	6	2,534	124	102	282	*3,177*	·84	·03	18·12	·84	·72	1·92	*22·68*	21·16	22·56	1,744	1,433	24·24	21·12	114
	Nuddea	805,779	849,942	1,655,721	18	3	4,851	14	124	411	*5,421*	·12	·01	35·04	·09	·84	2·88	*39·24*	22·80	27·00	2,707	2,714	40·20	33·28	105
	Jessore	959,271	980,104	1,939,375	4	...	5,500	7	122	237	*5,870*	·02	...	33·84	·03	·72	1·44	*36·24*	24·84	33·96	3,038	2,832	37·92	34·56	109
	Murshidabad ...	586,483	640,307	1,226,790	94	...	3,474	24	59	386	*4,037*	·84	...	33·96	·12	·48	3·72	*39·48*	26·58	29·04	2,032	2,005	41·52	37·56	110
	Khulna	568,402	511,546	1,079,948	30	...	1,987	8	51	212	*2,288*	·24	...	21·96	·08	·48	2·28	*25·32*	25·28	38·16	1,223	1,065	25·80	24·96	103
RAJSHAHYE	Dinajpur	782,292	732,054	1,514,346	...	3	3,715	4	88	180	*3,990*	...	·01	29·40	·02	·60	1·32	*31·56*	31·56	23·04	2,067	1,923	31·68	31·44	100
	Rajshahye	660,040	678,205	1,338,245	47	...	3,545	9	87	146	*3,834*	·36	...	31·68	·07	·72	1·20	*34·32*	26·88	31·92	1,868	1,966	33·96	34·68	97
	Rungpore	1,067,701	1,030,263	2,097,964	...	...	4,473	5	67	222	*4,767*	...	...	25·56	·02	·36	1·20	*27·24*	21·60	18·60	2,551	2,216	28·56	25·80	110
	Bogra	372,863	361,888	734,751	29	1	995	9	51	136	*1,221*	·38	·01	16·20	·12	·72	2·16	*19·92*	21·04	23·85	639	582	20·52	19·20	106
	Pubna	648,311	663,417	1,311,728	23	...	2,034	20	38	116	*2,231*	·12	...	18·60	·12	·24	·96	*20·40*	17·28	31·72	1,193	1,038	22·08	18·60	118
	Darjiling	89,351	66,294	155,645	2	...	316	94	8	58	*478*	·12	...	24·36	7·20	·60	4·44	*36·84*	48·48	34·44	262	216	36·48	37·20	93
	Julpaiguri	305,972	276,418	582,390	1	1	1,464	10	20	34	*1,530*	·01	·01	30·12	·12	·36	·60	*31·44*	27·72	30·96	807	723	31·56	31·32	100
DACCA	Dacca	1,033,863	1,082,487	2,116,350	30	11	2,205	134	88	451	*2,919*	·12	·06	12·48	·72	·48	2·52	*16·44*	14·64	18·24	1,613	1,306	18·72	14·40	130
	Faridpore	805,989	825,745	1,631,734	49	1	2,235	24	68	283	*2,660*	·36	·007	16·32	·12	·48	2·04	*19·56*	15·24	18·48	1,463	1,197	21·72	17·28	125
	Backerganj	973,479	927,410	1,900,889	10	2	2,376	20	127	865	*3,400*	·06	·01	14·88	·12	·72	5·40	*21·36*	19·68	26·52	1,804	1,596	22·20	20·64	107
	Maimansing	1,555,840	1,501,103	3,056,943	179	5	3,468	40	68	596	*4,356*	·60	·01	13·56	·12	·24	2·28	*17·04*	14·28	19·44	2,422	1,934	19·20	15·72	121
CHITTAGONG	Chittagong	531,649	600,692	1,132,341	7	6	1,610	38	101	210	*1,972*	·07	·06	17·16	·36	·96	2·16	*20·88*	20·28	27·36	943	1,029	21·24	20·52	103
	Noakhali	415,248	405,524	820,772	...	...	1,228	6	80	132	*1,446*	...	...	17·88	·03	1·08	1·92	*21·12*	21·00	27·96	764	682	21·96	20·16	108
	Tipperah	768,450	745,911	1,514,361	19	5	1,629	23	71	269	*2,016*	·12	·03	12·84	·12	·48	2·28	*16·08*	15·31	20·52	1,134	882	17·64	14·40	122
PATNA	Patna	856,501	895,058	1,751,559	245	5	3,247	213	113	1,110	*4,933*	1·56	·02	22·20	1·44	·72	7·56	*33·72*	42·96	36·36	2,522	2,411	35·28	32·28	109
	Gya	1,043,441	1,081,241	2,124,682	693	19	4,958	67	105	903	*6,745*	3·84	·09	27·96	·36	·48	5·04	*38·04*	54·36	48·36	3,520	3,225	40·44	35·76	113
	Shahabad	950,250	1,014,659	1,964,909	960	13	4,161	53	97	710	*5,994*	5·76	·07	25·32	·24	·48	4·32	*36·60*	49·08	33·76	3,116	2,878	39·24	33·96	116
	Mozufferpore ...	1,265,731	1,316,329	2,582,060	626	11	4,551	136	227	906	*6,457*	2·88	·04	21·12	·60	·96	4·20	*30·00*	30·12	30·96	3,407	3,050	32·28	27·72	116
	Durbhunga	1,295,788	1,337,659	2,633,447	414	9	3,565	90	163	394	*4,635*	1·80	·03	16·20	·36	·72	1·68	*21·12*	22·92	22·80	2,438	2,197	22·56	19·68	114
	Sarun	1,095,847	1,139,832	2,235,679	709	2	2,369	308	181	1,907	*5,476*	3·72	·009	12·36	1·56	·84	9·96	*28·68*	36·60	29·76	3,035	2,441	33·48	24·36	137
	Chumparun	870,627	850,981	1,721,608	863	27	3,569	65	171	825	*5,520*	6·00	·12	24·84	·36	1·08	5·64	*38·40*	33·48	27·72	2,964	2,556	40·80	35·04	113
BHAGULPORE	Monghyr	909,124	1,060,650	1,969,774	298	...	4,661	51	152	772	*5,934*	1·80	...	28·32	·24	·84	4·68	*36·12*	34·92	35·88	3,049	2,885	37·68	34·56	109
	Bhagulpore	979,119	987,049	1,966,168	316	1	3,705	59	129	711	*4,921*	1·92	·006	22·56	·36	·72	4·32	*30·00*	28·68	30·00	2,530	2,391	30·96	29·04	106
	Purneah	937,080	911,607	1,848,687	13	13	3,884	3	49	74	*4,036*	·08	·08	25·20	·01	·24	·48	*26·16*	17·76	19·20	1,977	2,059	25·20	27·00	93
	Maldah	346,998	363,450	710,448	113	...	2,821	17	31	109	*3,091*	1·80	...	47·64	·24	·48	1·80	*52·20*	31·32	28·32	1,615	1,476	55·80	48·72	114
	Sonthal Pergunnahs...	785,330	782,763	1,568,093	45	...	2,079	21	41	313	*2,499*	·24	...	15·84	·12	·24	2·28	*19·08*	16·44	18·36	1,327	1,172	20·16	17·88	112
ORISSA	Cuttack	877,702	917,363	1,795,065	189	153	1,414	233	143	732	*2,894*	1·20	·96	9·60	1·44	·84	4·80	*19·32*	23·92	16·56	1,532	1,362	20·88	17·76	117
	Poori	446,609	441,878	888,487	5	56	291	242	52	838	*1,474*	·06	·72	3·72	3·12	·60	11·28	*19·80*	20·64	17·76	822	652	22·08	17·64	125
	Balasore	461,461	483,819	945,280	14	4	948	321	43	489	*1,819*	·12	·04	12·24	3·96	·48	6·12	*23·04*	21·96	22·92	909	910	23·52	22·56	103
CHOTA NAGPORE.	Hazaribagh	544,903	559,839	1,104,742	175	2	2,147	59	72	366	*2,821*	1·80	·01	23·28	·60	·72	3·96	*30·60*	31·56	33·00	1,419	1,402	31·20	30·00	104
	Lohardugga ...	796,657	812,587	1,609,244	184	42	2,676	338	85	1,012	*4,337*	1·32	·24	19·92	2·52	·60	7·44	*32·28*	30·24	23·08	2,197	2,140	33·00	31·56	104
	Singbhum	226,681	227,094	453,775	...	7	598	52	25	101	*783*	...	·12	15·72	1·32	·60	2·64	*20·64*	18·00	18·24	434	349	22·92	18·36	124
	Manbhum	525,328	532,900	1,058,228	154	1	1,677	85	31	454	*2,352*	1·68	·01	18·96	·36	·24	5·04	*23·64*	26·64	23·76	1,236	1,116	28·20	25·08	112
	TOTAL FOR THE PROVINCE.	32,663,700	33,195,834	65,859,534	6,844	557	114,017	3,641	3,654	20,718	*149,431*	1·20	·09	20·76	·60	·60	3·72	*27·12*	25·80	26·52	77,991	71,440	28·56	25·80	110

MORTALITY ACCORDING TO—

Class (10, 11).

DIVISIONS.	DISTRICTS.	Deaths among— Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Ratio per 1,000 of population per annum. Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.
BURDWAN	Burdwan	2	2,202	493	...	...	26·28	23·52	22·32	...	...
	Bankura	...	1,481	75	...	93	...	19·44	20·16	...	13·08
	Birbhum	...	1,564	310	...	8	...	39·36	22·80	...	6·00
	Midnapore	1	4,533	377	...	204	16·20	24·24	24·24	...	20·76
	Hughli	...	1,252	246	...	...	...	28·08	22·68	...	...
	Serampore	1	800	151	...	...	32·76	32·88	30·36	...	...
	Total (Hughli including Serampore).	1	2,052	397	...	...	18·24	29·76	25·08	...	...
	Howrah	1	999	281	...	...	5·76	23·88	25·44	...	...
PRESIDENCY	24-Pergunnahs	9	2,102	1,066	...	...	10·56	24·24	26·40	...	...
	Nuddea	28	2,138	3,255	...	...	52·32	35·16	42·36	...	...
	Jessore	...	2,086	3,754	...	...	...	32·52	38·76	...	...
	Murshidabad	3	2,082	1,952	...	...	76·56	34·24	36·84	...	...
	Khulna	1	1,026	1,261	...	...	15·96	23·44	27·12	...	...
RAJSHAHYE	Dinajpur	2	1,770	2,218	...	...	52·44	29·52	33·36	...	...
	Rajshahye	...	723	3,111	...	...	...	30·00	35·52	...	...
	Rungpore	...	1,833	2,934	...	...	...	26·88	27·48	...	...
	Bogra	...	285	936	...	...	...	24·24	18·00	...	...
	Pubna	...	554	1,677	...	...	...	19·36	21·12	...	...
	Darjeeling	2	432	19	25	...	28·44	40·08	27·72	15·96	...
	Julpaiguri	...	926	604	...	...	...	30·12	34·68	...	...
DACCA	Dacca	13	1,213	1,693	...	...	17·64	16·92	16·20	...	...
	Faridpore	2	1,074	1,584	...	...	8·64	19·68	19·44	...	...
	Backerganj	6	1,091	2,393	...	...	19·32	19·20	22·56	...	...
	Maimansing	...	1,622	2,734	...	...	...	19·56	17·96	...	...
CHITTAGONG	Chittagong	...	364	1,507	101	...	...	15·84	22·44	22·32	...
	Noakhali	...	278	1,168	...	...	...	15·72	22·92	...	...
	Tipperah	1	717	1,318	...	...	60·24	16·80	15·72	...	...
PATNA	Patna	2	4,447	484	...	...	9·24	34·68	27·24	...	...
	Gya	...	6,046	609	...	...	...	38·24	35·88	...	...
	Shahabad	...	5,393	401	...	...	...	36·84	32·76	...	...
	Mozufferpore	...	5,825	632	...	...	...	30·84	23·88	...	...
	Durbhanga	...	4,107	528	...	...	...	21·12	20·40	...	...
	Sarun	...	4,954	522	...	...	...	29·40	23·16	...	...
	Chumparun	5	4,863	652	...	...	30·96	30·45	32·16	...	...
BHAGULPORE	Monghyr	4	5,475	450	...	5	43·92	36·96	28·68	...	8·28
	Bhagulpore	1	4,530	390	...	...	20·76	30·72	25·20	...	...
	Purneah	...	2,307	1,729	...	...	...	25·68	26·88	...	...
	Maldah	...	1,531	1,560	...	...	...	48·60	56·76	...	...
	Sonthal Pergunnahs	1	1,543	231	...	724	5·84	21·84	25·44	...	14·16
ORISSA	Cuttack	6	2,835	50	...	...	30·72	19·56	12·60	...	...
	Poori	...	1,452	22	...	...	19·92	19·08	...	...	...
	Balasore	1	1,788	30	...	...	14·64	23·40	15·12	...	...
CHOTA NAGPORE.	Hazaribagh	...	2,370	236	...	235	...	30·48	26·64	...	38·40
	Lohardugga	80	1,839	211	...	2,207	26·40	25·32	34·64	...	42·24
	Singbhum	1	780	2	...	...	3·96	20·88	10·20	...	...
	Manbhum	2	2,190	111	...	140	43·44	26·52	29·28	...	25·44
	TOTAL FOR THE PROVINCE.	175	99,424	46,090	126	3,616	21·60	27·84	25·92	18·96	25·92

Age (12). Deaths.

DIVISIONS.	DISTRICTS.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
BURDWAN	Burdwan	627	319	233	163	135	267	244	216	224	339
	Bankura	371	226	163	72	82	147	124	141	96	230
	Birbhum	554	282	194	70	53	132	138	182	114	213
	Midnapore	952	776	602	207	244	470	467	439	373	685
	Hughli	268	188	126	58	55	153	145	147	115	243
	Serampore	161	136	74	44	39	99	84	109	78	137
	Total (Hughli including Serampore).	429	324	200	102	94	252	229	247	193	380
	Howrah	281	162	119	65	71	120	106	103	64	190
PRESIDENCY	24-Pergunnahs	466	531	324	182	186	325	261	245	181	471
	Nuddea	751	1,112	965	314	207	291	366	367	368	728
	Jessore	664	1,248	813	382	288	483	474	460	395	653
	Murshidabad	786	682	521	248	197	274	275	266	238	555
	Khulna	317	354	259	128	149	214	191	183	180	311
RAJSHAHYE	Dinajpur	712	935	496	181	221	340	350	334	165	242
	Rajshahye	557	843	515	191	223	354	337	278	170	366
	Rungpore	617	824	452	250	329	571	516	434	316	428
	Bogra	215	175	104	43	65	122	138	119	97	143
	Pubna	275	410	236	130	110	174	203	171	134	388
	Darjeeling	39	87	49	28	29	98	55	37	17	39
	Julpaiguri	315	251	95	69	89	184	186	110	95	131
DACCA	Dacca	423	428	223	134	178	282	250	243	216	542
	Faridpore	352	447	254	138	136	228	232	232	212	429
	Backerganj	733	612	346	168	161	261	231	232	251	497
	Maimansing	588	513	367	237	249	474	459	434	305	670
CHITTAGONG	Chittagong	331	361	197	75	99	151	161	141	137	321
	Noakhali	281	239	139	92	74	118	84	98	87	234
	Tipperah	370	302	111	82	138	230	198	107	151	287
PATNA	Patna	1,218	994	329	181	127	398	535	336	463	612
	Gya	1,349	1,161	566	326	272	570	579	550	528	824
	Shahabad	914	932	466	228	196	616	600	547	496	969
	Mozufferpore	1,472	1,226	602	389	189	587	562	485	423	852
	Durbhanga	559	974	433	226	173	504	346	401	349	640
	Sarun	654	743	346	234	196	526	547	518	506	1,241
	Chumparun	753	934	501	248	186	379	542	510	400	907
BHAGULPORE	Monghyr	1,217	1,453	428	223	140	397	375	411	444	841
	Bhagulpore	940	915	422	242	185	479	455	411	361	512
	Purneah	524	707	39[illegible]	187	164	409	415	388	277	562
	Maldah	365	645	474	211	177	286	242	196	160	345
	Sonthal Pergunnahs	581	455	228	156	132	208	165	139	146	280
ORISSA	Cuttack	725	425	197	110	151	250	216	242	240	378
	Poori	355	194	90	33	55	110	104	131	155	264
	Balasore	478	272	100	49	60	128	150	150	148	297
CHOTA NAGPORE.	Hazaribagh	645	534	265	136	91	231	203	196	203	315
	Lohardugga	1,067	918	435	240	160	324	295	254	249	416
	Singbhum	137	124	77	34	34	62	93	77	71	74
	Manbhum	512	288	234	142	151	213	184	163	194	271
	TOTAL FOR THE PROVINCE.	26,133	26,256	14,492	7,276	6,664	13,377	12,736	11,693	10,633	19,871

Age (13). Ratio per 1,000 of population per annum.

DIVISIONS.	DISTRICTS.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
BURDWAN	Burdwan	238·92	29·16	16·80	9·24	13·20	12·00	13·68	16·92	27·72	51·12
	Bankura	161·8	22·32	12·96	7·92	10·32	9·84	10·08	17·52	18·48	49·44
	Birbhum	396·28	42·24	23·04	10·32	9·48	11·64	13·44	18·24	23·52	55·20
	Midnapore	182·64	33·84	17·28	9·96	12·72	11·76	15·24	22·44	31·32	60·00
	Hughli	189·60	38·76	22·08	11·16	11·04	14·16	16·20	23·28	28·80	78·84
	Serampore	192·84	51·12	26·28	17·28	14·88	16·80	17·28	29·28	36·96	84·48
	Total (Hughli including Serampore).	190·8	42·72	23·40	13·20	12·36	15·12	16·56	25·44	31·68	80·76
	Howrah	180·96	28·56	18·24	12·72	14·88	11·76	13·44	20·04	20·40	56·88
PRESIDENCY	24-Pergunnahs	126·96	33·12	17·40	13·56	16·32	12·48	12·84	18·48	22·56	56·04
	Nuddea	237·12	65·64	45·72	21·72	20·40	13·32	16·68	26·52	41·16	83·52
	Jessore	154·68	65·28	33·60	23·28	23·28	17·76	21·48	28·68	37·80	67·20
	Murshidabad	338·64	57·84	34·80	24·36	23·84	16·08	19·64	25·68	36·24	85·68
	Khulna	126·60	33·72	20·40	14·04	18·60	12·72	15·96	21·60	34·92	59·64
RAJSHAHYE	Dinajpur	243·96	65·88	23·16	14·52	22·68	15·84	18·48	27·24	24·72	39·00
	Rajshahye	213·48	62·28	28·80	17·04	25·56	18·36	21·00	26·04	28·56	62·40
	Rungpore	144·36	41·16	17·28	15·00	25·80	19·44	19·44	24·36	28·80	46·68
	Bogra	167·76	21·72	10·20	7·08	13·08	11·64	15·72	21·72	31·92	46·44
	Pubna	91·20	27·36	13·44	12·36	13·92	10·20	13·44	16·80	21·96	53·52
	Darjeeling	149·52	64·20	31·44	21·36	26·28	33·60	25·56	32·40	28·08	67·08
	Julpaiguri	234·00	43·56	12·84	13·56	25·56	22·80	20·28	22·44	33·60	60·52
DACCA	Dacca	86·16	17·64	7·92	7·08	13·20	10·08	10·68	15·60	23·04	48·96
	Faridpore	104·16	24·96	12·60	9·48	13·56	10·20	12·36	17·76	25·80	52·44
	Backerganj	188·16	24·60	15·48	10·32	11·76	9·12	11·04	16·20	27·84	60·24
	Maimansing	91·56	15·84	8·76	9·24	12·00	11·16	14·04	19·68	23·40	46·92
CHITTAGONG	Chittagong	120·24	24·28	12·48	6·60	12·24	10·80	13·92	17·28	24·36	62·40
	Noakhali	145·32	25·56	12·48	12·36	12·72	10·80	9·48	16·80	22·56	65·40
	Tipperah	125·40	17·40	5·64	6·00	12·96	11·04	11·76	15·12	21·96	43·68
PATNA	Patna	353·88	56·28	17·04	12·96	13·44	16·32	15·72	21·48	38·64	57·12
	Gya	354·12	50·16	23·28	18·48	23·40	19·32	22·68	29·16	44·40	78·12
	Shahabad	252·36	45·00	20·52	13·44	18·36	22·56	24·00	33·24	49·68	91·68
	Mozufferpore	[illegible]	45·12	18·12	18·00	13·56	17·04	17·52	21·36	34·80	66·24
	Durbhanga	133·20	36·24	12·84	10·68	11·52	13·92	10·80	17·04	27·96	51·12
	Sarun	147·60	31·80	12·36	11·76	15·84	17·40	18·72	25·80	43·20	104·52
	Chumparun	204·36	55·08	24·60	16·92	19·44	22·32	23·88	31·96	46·08	112·54
BHAGULPORE	Monghyr	96·12	60·00	17·04	13·08	12·36	15·24	15·36	24·12	43·80	89·76
	Bhagulpore	306·60	47·64	16·20	13·68	15·60	17·04	17·88	25·80	39·84	64·08
	Purneah	167·32	39·72	16·56	11·76	14·28	15·72	17·16	24·72	33·12	72·48
	Maldah	221·76	92·64	52·20	34·56	35·40	29·40	28·80	35·04	50·76	98·12
	Sonthal Pergunnahs	223·20	23·88	11·04	9·12	13·92	10·80	9·36	12·84	22·32	38·76
ORISSA	Cuttack	231·60	22·44	8·64	6·84	13·20	9·84	10·80	15·12	24·96	40·20
	Poori	280·08	20·40	7·44	4·32	9·84	8·28	9·84	18·72	31·44	63·36
	Balasore	279·24	26·40	8·40	5·64	11·28	9·12	13·56	19·44	32·25	71·88
CHOTA NAGPORE.	Hazaribagh	224·84	40·56	17·16	13·92	14·40	15·36	15·36	21·60	43·32	87·72
	Lohardugga	300·60	45·60	19·32	15·24	17·52	14·04	15·72	23·04	37·68	76·80
	Singbhum	188·16	24·12	12·36	7·92	10·68	9·96	17·40	23·64	37·80	45·48
	Manbhum	214·68	24·72	15·36	15·96	19·92	15·12	15·00	22·44	41·16	62·40
	TOTAL FOR THE PROVINCE.	202·56	38·64	17·32	12·96	15·96	14·52	15·96	22·32	32·64	64·68

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 9th January 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.,*

Sanitary Commissioner for Bengal.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 19th December 1891.

1	2	3			4			5			6	7							8							9	10		11		12
DISTRICTS.	NAMES OF MUNICIPALITIES.	POPULATION.			BIRTHS. Number of—			BIRTHS. Ratio per 1,000 of population per annum.			Ratio of male births to every 100 female births.	MORTALITY ACCORDING TO— Diseases. Deaths from—							MORTALITY ACCORDING TO— Diseases. Ratio per 1,000 of population per annum.							Ratio of deaths per 1,000 of population per annum in the preceding week.	Sex. Deaths.		Sex. Ratio per 1,000 of population per annum.		Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
		Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*		Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*		Male.	Female.	Male.	Female.	
Burdwan ...	Burdwan	18,063	16,017	34,080	8	7	*15*	12·2	10·7	*22·9*	114	2	..	9	6	...	10	*27*	3·0	...	13·7	9·2	...	15·3	*41·2*	46·8	19	8	54·7	26·0	210
	Raniganj	6,346	4,591	10,937	2	3	*5*	9·5	14·3	*23·8*	66	...	..	1	4	...	...	*5*	...	..	4·7	19·0	...	...	*23·8*	57·1	2	3	16·7	33·3	50
Bankura ...	Bankura	8,970	8,925	17,895	7	6	*13*	20·3	17·1	*37·8*	116	1		6	..	..	2	*9*	2·9	...	17·1	...	...	5·8	*26·2*	17·4	7	2	40·6	11·7	347
Birbhum ...	Soori	3,982	3,866	7,848	1	1	*2*	6·6	6·6	*13·3*	100	...		6	..	...	1	*7*	...	...	39·8	...	...	6·6	*46·4*	...	3	4	39·2	53·0	74
Midnapore ...	Midnapore	16,927	16,633	33,560	8	4	*12*	12·4	6·2	*18·6*	200	1	...	5	3	..	11	*20*	1·5	...	7·7	4·6	...	17·0	*31·0*	51·1	13	7	39·9	21·9	185
Hughli, including Serampore.	Hughli and Chinsurah.	15,858	15,829	31,687		4	*9*	8·2	6·6	*14·8*	125	1	...	29	8	...	6	*44*	1·6	...	47·6	13·1	...	9·8	*72·9*	119·8	19	25	62·3	82·1	76
	Serampore ...	13,559	12,937	26,496	12	8	*20*	23·6	15·7	*39·3*	150	3	...	21	20	.	4	*48*	5·9	...	41·2	39·3	...	7·8	*94·2*	106·0	26	22	99·7	88·4	112
	Utterpara	3,046	2,464	5,510	1		*1*	9·4	.	*9·4*	No female birth.	...	.	1	1	...	2	*4*	...	...	9·4	9·4	...	18·9	*37·7*	66·1	3	1	51·2	21·1	242
Howrah ...	Howrah	53,153	37,660	90,813	22	13	*35*	12·6	7·1	*20·0*	169	7	..	23	15	1	12	*58*	4·0	...	13·2	8·6	·6	6·8	*33·2*	23·8	35	23	34·2	31·8	107
	Bali	7,836	6,979	14,815	2	3	*5*	7·0	10·5	*17·5*	66	..		4	.	...	3	*7*	...	...	14·0	...	...	10·5	*24·6*	28·1	3	4	19·9	29·8	67
24-Pergunnahs.	Cossipore-Chitpore	16,080	10,214	26,294	6	8	*14*	11·8	15·8	*27·7*	75	9	...	25	6	...	6	*46*	17·8	...	49·4	11·8	...	11·8	*91·0*	91·0	21	25	67·9	127·3	53
	Manicktolla ...	16,536	12,112	28,648	4	6	*10*	7·3	10·9	*18·2*	66	2	..	12		...	3	*17*	3·6	...	21·8	...	...	5·4	*30·9*	29·0	11	6	34·6	25·8	134
	Baranagore ...	15,920	14,062	29,982	13	14	*27*	22·5	24·3	*46·8*	93	3	.	21	2	1	4	*31*	5·2	...	36·4	3·5	1·7	6·9	*53·8*	67·6	16	15	52·3	55·5	94
	South Suburban	26,400	25,258	51,658	5	6	*11*	5·0	6·0	*11·1*	83	7	...	10	4	...	3	*24*	7·0	..	10·1	4·0	...	3·0	*24·2*	24·2	9	15	17·7	30·9	57
Nuddea ...	Krishnagar ...	13,263	14,214	27,477	4	2	*6*	7·6	3·8	*11·4*	200	16	...	22	2	...	2	*42*	30·3	...	41·6	3·8	...	3·8	*79·5*	51·1	23	17	96·0	62·2	157
	Ranaghat	4,028	4,655	8,683	1	3	*4*	6·0	17·9	*23·9*	33	1	...	4	1	...	1	*7*	6·0	...	23·9	6·0	...	6·0	*41·9*	29·9	4	3	51·6	33·5	154
	Santipore	13,708	15,979	29,687	6	1	*7*	10·5	1·7	*12·3*	600	7	.	13	...	..	1	*21*	12·6	...	22·5	...	...	1·7	*36·8*	38·5	9	12	34·1	39·1	87
Jessore ...	Jessore	4,830	3,665	8,495	4	1	*5*	24·5	6·1	*30·6*	400		...	4	...	..	1	*5*	..	...	24·5	...	...	6·1	*30·6*	42·8	4	1	43·1	14·2	363
Murshedabad	Berhampore ...	11,657	11,948	23,605	9	7	*16*	19·8	15·4	*35·2*	128	..	...	6	1	...	11	*18*	...	...	13·2	2·2	...	24·2	*39·7*	55·1	12	6	53·5	26·1	201
	City Murshedabad	18,901	20,330	39,231	11	9	*20*	14·6	11·9	*26·5*	122	4	...	22	2	...	7	*35*	5·3	...	29·2	2·6	...	9·3	*46·4*	49·0	24	11	66·9	23·1	235
Khulna ...	Khulna	3,249	3,043	6,293	3	...	*3*	24·8	...	*24·8*	No female birth.	...	.	5	...	...	...	*5*	...	...	41·3	...	...	...	*41·3*	57·9	3	2	48·0	34·2	140
Dinajpore ...	Dinajpore	7,254	5,306	12,560	3	3	*6*	12·4	12·4	*24·8*	100	...	...	8	2	..	11	*21*	..	...	33·1	8·3	...	45·5	*86·9*	37·3	8	13	57·3	127·4	45

Rajshahye ...	Rampore Beauleah	10,766	9,025	19,791	4	4	8	10·5	10·5	21·0	100	3		20	...	...	5	28	7·9	...	52·5	...	...	13·1	73·6	68·3	14	14	67·6	80·7	84
Rungpore ...	Rungpore	8,011	5,309	13,320	...	3	3	...	11·7	11·7	No male birth.	..	.	11	1	..	2	14	...	...	42·9	3·9	...	7·8	54·7	46·8	6	8	38·9	78·4	49
Bogra ...	Bogra	3,450	2,699	6,179	...	2	2	..	16·8	16·8	No male birth.	...	..	6	2	3	...	11	..	...	50·5	16·8	25·2	...	92·6	42·1	6	5	89·7	96·3	93
Pubna ...	Pubna	7,701	7,566	15,267	7	2	9	23·8	6·8	30·7	350	.	..	11	1	..	4	16	..	...	37·5	3·4	...	13·6	54·5	68·1	9	7	60·8	45·1	126
	Serajganj	11,213	9,824	21,037	4	6	10	9·9	14·8	24·7	66	...		7	1	...	2	10	...	...	17·3	2·5	...	4·9	24·7	27·2	6	4	27·8	21·2	131
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	4	1	5	29·6	7·4	37·0	400	...		8	...	..	2	10	...	...	59·3	..	..	14·8	74·1	44·5	9	2	90·8	42·6	213
Julpaiguri ...	Julpaiguri ...	4,972	2,975	7,947	1	1	2	6·5	6·5	13·1	100	..	.	7	1	...	8	16	...	...	45·8	6·5	...	52·3	104·7	...	8	8	83·7	139·8	60
Dacca ..	Dacca	42,782	37,379	80,161	18	17	35	11·7	11·0	22·7	106	5	1	23	4	..	22	55	3·2	·6	14·9	2·6	...	14·3	35·7	34·4	31	24	37·7	33·4	112
	Narainganj ...	7,605	4,956	12,561	8	2	10	33·1	8·3	41·4	400	10	...	2	3	...	5	20	41·4	...	8·3	12·4	...	20·7	82·8	70·4	16	4	109·4	42·0	260
Faridpore ...	Faridpore	5,663	4,600	10,263	...	...	..	...	...	.	...	..	...	16	...	.	...	16	...	...	81·1	...	...	...	81·1	50·7	8	8	73·5	90·4	81
Backerganj ...	Barisal	8,701	4,485	13,186	1	1	2	3·9	3·9	7·9	100	.	...	2	.	..	4	6	...	...	7·9	.	...	15·7	23·7	23·7	6	...	35·9	...	No female death.
Mymensing ...	Nasirabad ...	10,143	4,413	14,556	.	3	3	...	10·5	10·5	No male birth.			3		...	...	3	...	...	10·5	.	...	...	10·5	10·5	1	2	5·0	23·6	21
Chittagong ...	Chittagong ...	13,340	8,790	22,130	2	2	4	4·7	4·7	9·4	100	1		1		..	...	2	2·3	...	2·3	...	...	...	4·7	2·3	2	...	7·8	...	No female death.
Noakhali ...	Sudharam ...	3,410	1,714	5,124		...	..	...	...		...	...	.	.	...	.	...	..	...	...	...	...	...	...	..	...	...	...	...	...	...
Tipperah ...	Comillah	8,153	5,353	13,506	7	7	14	26·9	26·9	53·9	100	...	..	4	..	...	5	9	...	...	15·4	...	...	19·3	34·7	34·7	6	3	38·3	29·1	131
Patna ...	Patna City ...	78,762	81,475	160,237	13	21	34	4·2	6·8	11·0	62	4	..	27	3	5	15	51	1·3	...	8·7	1·0	1·6	4·9	17·5	22·1	28	26	18·5	16·6	111
	Behar	23,799	25,172	48,971	17	16	33	18·1	16·9	35·0	106	...	...	12	2	...	10	24	.	...	12·7	2·1	...	10·6	25·5	27·6	15	9	32·8	18·6	176
Gya ...	Gya	38,290	37,831	76,121	30	31	61	20·5	21·2	41·7	97	..	1	36	2	...	18	57	...	·7	24·6	1·3	...	12·3	38·9	38·9	25	32	34·0	44·0	77
Shahabad ...	Arrah	20,960	22,505	43,465	11	8	19	13·1	9·6	22·7	137	.	...	9	2	..	2	13	...	...	10·8	2·4	...	2·4	15·6	19·1	5	8	12·4	18·5	67
	Buxar	9,299	8,369	17,668	1	3	4	2·9	8·8	11·8	33	.		1	...	.	...	1	...	..	2·9	...	...	..	2·9	11·8	...	1	...	6·2	No male death.
Mozufferpore...	Mozufferpore ...	23,084	19,658	42,742	6	7	13	7·3	8·5	15·8	85	..	...	5	5	...	1	11	...	...	6·1	6·1	...	1·2	13·4	13·4	3	8	6·8	21·2	32
Durbhanga ...	Durbhanga ..	33,771	32,322	66,093	12	21	33	9·4	16·5	26·0	57	...		7	2	1	5	15	...	...	5·5	1·6	·8	3·9	11·8	17·3	7	9	10·8	12·9	83
Sarun ...	Chupra	25,116	26,551	51,670	20	17	37	20·1	17·1	37·2	117	.	..	9	4	1	20	34	...	...	9·1	4·0	1·0	20·1	34·2	35·2	19	15	39·3	29·4	133
Chumparun ...	Motihari	6,328	3,979	10,307	4	2	6	20·2	10·1	30·3	200	..	..	6	1	...	3	10	...	...	30·3	5·0	.	15·1	50·5	35·3	5	5	41·1	65·3	63
Monghyr ...	Monghyr	28,154	29,366	57,520	19	20	39	17·2	18·1	35·3	99	...	...	14	2	..	17	33	..	...	12·6	1·8	...	15·4	29·8	19·9	19	14	35·1	24·8	141
	Jamalpore ...	7,456	6,107	13,563	2	5	7	7·6	18·1	26·8	40	...	.	3	3	...	2	8	...	...	11·5	11·5	...	7·6	30·7	46·0	7	1	48·8	5·5	574
Bhagulpore ...	Bhagulpore ...	34,916	33,322	68,238	23	11	34	15·2	10·7	25·9	142	1	.	27	4	...	14	46	·8	...	20·6	3·0	.	10·7	35·1	26·7	26	20	38·7	31·2	124
Purneah ...	Purneah	8,463	6,553	15,016	...	5	5		17·3	17·3	No male birth.	...	.	6	...	...	2	8	...	...	20·8	...	...	6·9	27·7	29·8	6	2	36·9	15·9	232
Maldah ..	English Bazar .	6,289	6,141	12,430	7	9	16	29·3	37·6	66·9	78	5	..	13	...	...	6	26	29·9	...	62·8	...	...	25·1	108·8	142·2	15	11	124·0	93·1	133
Sonthal Pergunnahs.	Deoghur	4,961	3,741	8,665	2	3	5	13·0	19·5	32·5	66	.	..	...	...	...	1	1	...	..	...	...	..	6·5	6·5	65·0	1	...	10·5	...	No female death.
Cuttack ..	Cuttack	22,632	20,607	43,239	11	10	21	13·2	12·0	25·3	110	1	1	13	...	...	16	31	1·2	1·2	15·6	...	...	19·2	37·3	26·5	18	13	41·4	32·7	126
Poori ...	Poori	13,247	11,537	24,784	3	4	7	6·3	8·4	14·7	75	3	.	12	6	...	12	33	6·3	...	25·2	12·5	...	25·2	69·2	52·5	16	17	62·8	76·6	83
Balasore ...	Balasore	10,282	9,983	20,265	4	3	7	10·3	7·7	18·0	133	..	...	2	1	.	3	6	...	...	5·1	2·6	...	7·7	15·4	43·6	3	3	15·2	15·6	97
Hazaribagh ...	Hazaribagh ...	7,639	7,667	15,306	10	11	21	33·0	37·4	71·3	91	...	...	2	...	...	4	6	.	...	6·8	...	...	13·6	20·4	13·6	2	4	13·6	27·1	50
Lohardugga ...	Ranchi	10,101	8,342	18,443	5	3	8	14·1	8·4	22·6	166	...	...	6	4	..	2	12	...	...	16·9	11·3	...	5·6	33·8	11·3	10	2	51·5	12·5	412
Singbhum ...	Chaibassa	3,126	2,880	6,006	1	...	1	8·7	...	8·7	No female birth	...	...	2	1	..	...	3	...	...	17·3	8·7	...	...	26·0	60·6	1	2	16·6	33·1	45
Manbhum ...	Purulia	5,060	4,244	9,304		5	3	...	16·8	16·8	No male birth.	...	..	1	...	...	1	2	..	..	5·6	...	...	5·6	11·2	16·8	1	1	10·3	12·3	83
	Total ..	872,026	785,[illegible]	1,657,995	391	376	767	12·5	11·6	24·1	104	97	13	593	132	12	314	1,151	3·0	·1	18·6	4·1	·4	9·8	36·1	34·6	635	516	37·9	31·1	111

DISTRICTS.	NAMES OF MUNICIPALITIES.	13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
		DEATHS AMONG—					RATIO PER 1,000 OF POPULATION PER ANNUM.					DEATHS.										RATIO PER 1,000 OF POPULATION PER ANNUM.									
		Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	21	6	...	...	...	46·1	30·4	...	...	4	1	2	1	...	8	2	5	2	2	315·2	23·0	44·6	29·7	...	52·5	15·1	58·9	42·4	70·2
	Raniganj	...	5	...	...	...	...	29·1	...	...	...	...	...	...	...	...	1	2	..	...	2	...	...	...	...	...	21·5	48·8	...	...	249·4
Bankura ...	Bankura	...	8	1	...	...	...	24·5	60·5	...	...	4	1	...	...	1	2	1	...	...	...	439·7	27·2	...	...	33·0	31·6	19·7	...	...	...
Birbhum ...	Soori	...	6	1	...	...	...	53·4	26·1	...	...	1	1	1	..	1	1	...	...	2	...	293·9	83·3	62·4	...	67·4	36·8	...	...	178·4	...
Midnapore ...	Midnapore ...	...	19	1	...	...	...	35·1	7·2	...	...	3	3	...	...	1	1	2	1	1	8	210·0	66·3	...	...	16·5	7·1	15·8	14·0	25·2	227·3
Hughli, including Serampore.	Hughli and Chinsurah.	...	41	3	...	...	...	84·3	25·3	...	...	4	4	2	3	1	2	3	3	6	16	259·0	93·7	36·0	62·9	21·7	16·8	27·3	37·4	120·0	401·4
	Serampore ...	...	45	3	...	...	...	92·7	166·3	...	...	4	7	4	2	1	7	4	2	5	12	233·0	201·7	82·7	46·8	23·8	67·6	41·8	80·8	135·8	446·6
	Utterpara	...	4	...	...	...	...	30·1	...	...	...	1	...	...	...	...	...	1	1	...	1	323·0	...	...	...	...	...	49·0	74·2	...	200·0
Howrah ...	Howrah	1	45	12	...	...	27·5	34·3	30·4	...	...	6	5	1	2	1	11	9	12	5	6	151·2	46·9	8·3	15·8	7·1	25·2	24·3	53·1	47·4	83·2
	Bali	...	7	...	...	...	...	27·1	...	...	...	1	...	...	...	1	2	...	2	...	1	143·6	...	...	...	39·0	15·5	...	53·7	...	71·0
24-Pergunnahs.	Cossipore-Chitpore	...	33	13	..	...	...	93·9	85·8	...	...	8	7	1	1	2	2	4	8	5	8	870·3	412·7	66·3	20·6	114·4	10·9	32·5	166·2	267·2	888·9
	Mahicktola ...	...	11	6	...	...	...	34·2	27·2	...	...	2	2	3	...	1	2	2	2	...	3	1,077·6	759·1	963·0	...	27·3	12·8	12·8	23·1	...	164·7
	Baranagore ..	...	29	2	...	...	...	58·6	25·1	...	...	4	3	2	2	.	2	5	2	2	9	307·2	76·0	41·7	44·4	...	16·2	44·5	25·2	50·3	279·4
	South Suburban ...	...	15	9	...	...	...	24·6	24·0	...	...	2	2	3	1	2	2	1	3	3	5	78·4	21·9	30·7	10·9	23·6	10·2	6·0	26·4	47·1	80·0
Nuddea ...	Krishnagar ...	...	26	16	...	...	...	72·6	100·5	...	...	7	15	5	...	2	2	6	1	1	3	733·9	316·2	75·6	...	50·6	21·6	72·9	15·9	24·7	96·3
	Ranaghat	...	6	1	...	...	...	42·6	38·1	...	...	...	1	1	...	...	...	...	1	2	2	...	65·4	46·6	...	...	...	...	51·8	143·6	182·8
	Santipore ...	...	15	6	...	...	...	37·7	34·9	...	...	1	5	3	...	2	1	1	3	1	4	61·5	89·7	41·3	...	46·7	10·6	12·0	44·4	22·6	105·9
Jessore ...	Jessore	1	3	1	...	..	321·0	34·6	13·6	...	...	3	...	1	..	...	1	...	...	...	...	804·1	...	65·6	...	...	25·8	...	...	...	...
Murshedabad.	Berhampore ...	...	13	5	...	...	...	37·2	50·1	...	..	4	1	1	...	...	2	1	...	2	7	551·7	32·6	24·6	...	...	23·3	11·7	...	55·3	227·8
	City Murshedabad	...	25	10	...	...	...	57·2	32·9	...	...	5	6	1	1	3	2	4	3	4	6	340·8	126·7	15·1	18·0	60·2	14·2	28·6	26·7	58·6	100·8
Khulna ...	Khulna	...	4	1	...	...	...	65·2	17·1	...	...	1	...	1	..	1	1	...	...	...	1	409·4	...	65·4	...	100·4	48·5	...	...	...	165·1
Dinajpore ...	Dinajpore ...	...	13	8	...	...	...	111·6	64·9	...	...	4	2	...	3	2	2	4	2	...	2	1,009·7	120·4	...	156·0	102·4	38·6	64·1	66·3	...	162·8
Rajshahye ...	Rampore Beauleah	...	14	14	...	...	...	73·5	74·2	...	...	7	5	2	...	1	4	4	...	2	3	896·6	183·4	50·0	...	31·3	50·0	57·7	...	83·8	162·0
Rungpore ...	Rungpore ...	...	6	8	...	...	...	48·2	62·6	...	...	3	...	...	1	...	3	...	5	1	1	669·5	...	...	47·0	...	49·3	...	164·7	70·8	101·0
Bogra ...	Bogra ...	...	7	4	...	...	...	136·5	60·1	...	...	3	...	...	...	..	2	2	2	...	2	1,138·7	...	...	...	...	78·7	97·3	153·2	...	331·3

Pubna ...	Pubna ..	...	...	2	14	...	...	...	14·6	59·5	...	...	2	4	3	1	...	1	2	1	1	1	262·0	142·7	92·4	37·7	...	17·9	41·7	30·5	51·4	52·3
	Serajganj	...	...	10	...	..	.	...	60·6	..	...	...	1		1	1	2	2	2	1	...	..	96·5	...	17·0	27·0	63·3	28·3	32·8	23·2		...
Darjeeling .	Darjeeling	...	...	10	...	...	...	..	113·2	.	...	..	1	4	...	...	2	3	..	.	...	...	429·8	323·5	...	...	162·5	78·0	...	..	...	...
Julpaiguri ...	Julpaiguri	...	...	9	7	..	...	...	110·2	93·8	..	..	4	2	1	2	...	..	3	3	1	..	1,415·0	141·1	57·0	144·0	...	...	103·4	209·7	125·9	...
Dacca ...	Dacca ...	...	...	31	24	...	...	...	40·0	31·7	...	...	11	8	1	2	4	7	8	2	5	7	301·4	56·4	5·2	13·1	28·5	23·5	35·7	12·4	54·9	65·3
	Narainganj	...	...	6	14	...	...	...	49·5	118·2	...	...	4	2	1	1	3	1	..	4	..	4	745·5	91·2	39·4	45·8	149·3	19·5	...	149·3	...	319·0
Faridpore ...	Faridpore	...	...	6	10	...	...	...	58·3	107·1	...	...	5	4	...	...	2	...	...	4	...	1	1,111·1	166·8	...	...	145·5	...	...	178·4	...	70·2
Backerganj ...	Barisal ...	...	1	3	2	...	...	213·1	25·8	15·2	...	...	1	...	...	...	2	...	...	1	1	1	265·3	...	...	...	82·3	...	...	34·2	58·3	91·7
Mymensing ...	Nasirabad	...	...	1	2	...	...	..	6·8	14·7	...	...	...	...	...	...	...	...	2	1	...	...	.	...	...	...	...	...	35·7	29·5	...	...
Chittagong ...	Chittagong	...	1	1	...	...	...	65·3	9·0	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	..	20·2	...	11·2	...	...	...	...
Noakhali ...	Sudharam	...	...	...	...	...	...	...	...	..	...	...	..	...	..	...	...	...	...	...	...	..	...	...	...	...	.	...	...	...	...	...
Tipperah ...	Comillah ...	...	...	4	5	...	...	...	35·0	35·2	...	...	4	1	...	1	1	...	...	1	...	1	700·3	39·8	...	35·6	41·3	...	...	30·6	...	76·7
Patna ...	Patna City	...	...	45	9	..	...	...	19·7	11·4	...	..	3	5	2	3	1	4	4	5	4	23	36·2	17·8	6·2	10·8	4·7	7·2	8·9	13·8	14·7	86·6
	Behar ...	...	...	17	7	...	...	...	26·3	23·8	...	...	8	1	2	1	...	4	1		3	4	280·1	9·0	17·2	10·8	..	24·6	7·4	...	43·1	57·8
Gya ...	Gya ...	...	...	46	11	...	...	...	39·9	37·6	...	...	10	7	3	...	...	8	3	8	6	12	200·5	57·3	22·3	...	...	28·3	12·3	42·6	47·5	121·2
Shahabad ...	Arrah ...	...	...	10	3	...	...	...	16·8	12·6	..	..	3	.	...	1	1	..	1	...	3	4	121·1	..	...	11·8	16·5	...	8·1	...	50·4	72·1
	Buxar ...	...	...	1	...	...	...	...	3·7	...	...	...	1	...	..	..	...	...	...	..	.	..	125·3	...	...	...	...	...	..	...	...	...
Mozufferpore ...	Mozufferpore	...	...	9	2	...	...	...	15·6	8·3	...	..	...	3	...	...	1	1	2	1	1	2	...	38·6	...	...	17·2	6·1	14·9	10·4	16·0	42·7
Durbhanga ...	Durbhanga	...	...	9	6	...	...	...	9·7	17·8	...	..	5	3	..	2	..	3	1	1	...	...	167·0	20·5	...	18·7	...	11·7	4·7	7·0	...	...
Sarun ...	Chupra ...	...	...	24	10	...	..	..	31·5	43·7	..	.	10	4	2	2	2	2	2	1	1	8	365·5	40·3	14·7	20·7	30·0	11·3	11·7	8·6	12·6	116·0
Chumparun ...	Motihari ...	...	..	5	5	...	...	...	34·6	193·8	...	..	3	3	...	1	2	...	...	1	...	...	1,138·7	158·9	...	39·9	135·9	...	...	48·5	...	...
Monghyr ...	Monghyr ...	...	...	25	8	...	..	...	29·1	33·1	...	...	9	3	3	1	2	4	3	3	...	5	315·2	25·1	22·1	9·1	27·5	20·1	17·5	24·5	...	72·5
	Jamalpore	...	...	6	2	...	...	...	31·8	33·5	...	...	1	1	...	..	3	...	...	1	1	1	146·5	3·3	...	...	9·8	...	...	37·0	75·9	78·0
Bhagulpore ...	Bhagulpore	...	...	35	12	...	...	...	36·1	33·1	...	...	14	7	2	...	2	2	..	4	3	12	507·3	56·1	14·7	...	21·0	8·0	...	27·2	30·8	145·0
Purneah ..	Purneah ...	...	...	5	8	...	...	.	28·3	27·6	..	...	1	...	..	1	...	1	2	2	...	1	183·7	...	...	43·5	...	15·8	36·5	56·1	...	64·4
Maldah ...	English Bazar	...	...	15	11	...	...	...	107·3	111·2	...	...	4	3	...	2	1	6	3	4	...	3	705·1	163·9	...	84·2	48·9	135·9	106·0	141·3	...	221·9
Sonthal Pergunnahs.	Deoghur ...	...	...	1	...	...	...	...	6·7	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	136·1
Cuttack ...	Cuttack ...	...	1	23	7	...	...	28·1	35·6	47·2	...	...	8	6	2	...	3	3	3	...	1	5	405·5	83·5	20·9	...	34·8	17·9	25·5	...	16·9	88·2
Poori ...	Poori ...	...	...	33	...	...	...	...	70·0	...	...	...	4	1	1	1	1	3	6	4	5	7	686·5	28·9	23·2	27·7	25·0	29·5	77·0	62·6	116·5	201·6
Balasore ...	Balasore ...	...	...	5	1	...	...	...	15·4	16·9	...	...	1	2	...	..	...	...	...	2	...	1	99·1	55·8	...	...	...	...	...	46·8	...	44·9
Hazaribagh ...	Hazaribagh	...	...	5	1	...	...	...	23·6	12·6	...	...	4	...	...	...	...	...	...	...	...	2	427·1	...	...	...	...	...	...	...	...	124·3
Lohardugga ...	Ranchi ...	...	...	10	...	...	2	...	56·5	...	...	44·1	3	2	...	...	...	3	1	3	...	...	331·9	56·5	...	...	...	40·9	16·9	85·9	...	...
Singbhum ...	Chaibassa ...	...	...	3	...	...	...	...	30·5	...	...	...	2	...	...	...	...	...	...	1	...	...	642·0	...	...	...	...	...	...	82·5	...	...
Manbhum ...	Purulia ...	...	...	2	..	...	...	...	13·3	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	126·1	...	...	...	151·6
	TOTAL ...	...	5	837	307	...	2	18·7	37·7	33·1	...	21·9	209	147	58	41	58	123	107	117	80	211	290·6	53·5	17·7	14·2	23·9	19·0	19·8	31·3	35·6	110·8

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 12th January 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.,*

Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Major Works for the month of October 1891, *as compared with that of the corresponding month of the previous year.*

Canals.	Tollage, 1891-92.						Tollage, 1890-91.					
	During the month.			To end of the month.			During the month.			To end of the month.		
Orissa Circle.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Taldunda Canal System	380	14	9	3,117	1	4	57	1	0	1,669	14	2
Kendrapara ditto	9,724	0	7	49,357	3	9	8,342	11	3	41,724	14	3
High Level, Range I	1,075	2	6	5,523	8	3	829	1	9	5,680	13	6
Ditto " II	237	8	3	1,213	11	3	221	5	0	1,864	3	3
Ditto " III	165	11	9	880	7	3	161	5	9	1,374	11	0
Jajepore Canal ...	22	0	0	127	11	3	41	13	5	177	7	3
Total Orissa Circle ...	11,555	5	10	60,219	11	1	9,653	6	2	52,491	15	5
South-Western Circle.												
Midnapore Canal	9,425	2	9	58,703	10	0	8,484	1	6	69,511	5	3
Hidgellee Tidal Canal ...	4,004	10	9	13,741	11	6	3,675	4	3	21,593	6	0
Total South-Western Circle ...	13,429	13	6	72,445	5	6	12,159	5	9	91,104	11	3
Sone Circle.												
Patna Canal System ...	1,252	12	9	16,569	7	9	1,764	14	3	13,591	5	2
Arrah ditto ...	1,198	10	6	14,531	14	0	1,019	14	9	11,594	7	3
Buxar ditto ...	607	0	9	6,915	3	6	629	2	0	5,582	3	9
Total Sone Circle ...	3,058	8	0	38,016	9	3	3,413	15	0	30,768	0	2
GRAND TOTAL ...	28,043	11	4	1,70,681	9	10	25,226	10	11	1,74,364	10	10

Government Transport Service.

Canal.	Tollage, 1891-92.						Tollage, 1890-91.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.
Orissa Circle.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level ...	969	612	933 7 6	5,946	5,084	5,818 7 11	1,314	392	1,173 0 6	6,158	4,740	6,380 11 9
Total Orissa Circle	969	612	933 7 6	5,946	5,084	5,818 7 11	1,314	392	1,173 0 6	6,158	4,740	6,380 11 9

Total Navigation Receipts.

Canals.	Earnings, 1891-92.						Earnings, 1890-91.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Orissa Canals ...	12,488	13	4	66,038	3	0	10,826	6	8	58,881	11	2
Midnapore Canal ...	9,425	2	9	58,703	10	0	8,484	1	6	69,511	5	3
Hidgellee Tidal Canal ...	4,004	10	9	13,741	11	6	3,675	4	3	21,593	6	0
Sone Canals ...	3,058	8	0	38,016	9	3	3,413	15	0	30,768	0	2
Total ...	28,977	2	10	1,76,500	1	9	26,399	11	5	1,80,754	6	7

CALCUTTA,
The 11th January 1892.

W. A. INGLIS,
Offg. Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1891 92.

Areas leased for irrigation up to end of October 1891.

Circle.	District.	Canal.	Estimated full discharge.	Average discharge in month.	Discharge utilized.	Approximate area of land irrigated during the year up to the end of the month.	Approximate area of land under irrigation up to the same date last year.	Details of Areas Leased. Five years, all crops.	Five years, kharif.	Annual leases. Kharif.	Rabi.	Sugarcane.	Bhadoi.	Hot weather.	Total.	Grand Total.	Rainfall, 1891-92. During month.	Up to end of month.	Rainfall, 1890-91. During month.	Up to end of month.	Remarks.
			C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	Inches.	Inches.	
Orissa	Cuttack	Taldunda, 1st reach ... Ditto, 2nd „ ...	1,312 566	654 173	108	10,505	10,501	......	10,530	......	273	21	......	......	294	10,884	1·00	59·65	11·30	69·73	
		Machgong ...	776	447	418	27,960	30,133	......	30,665	......	63	4	......	......	67	30,732	1·00	52·89 47·38	5·26 11·65	56·28 68·00	
		Kendrapara ...	1,067	996	932	46,701	51,444	......	50,731	......	3,307	50	......	......	3,357	54,087	1·22	48·93	11·93	51·96	
		Gobri ...	372·82	45	43	2,992	5,059	......	3,221	......	74	......	......	......	74	3,295	0·72	57·21	7·32	51·86	
		Do. extension ...	648	123	123	3,633	4,056	......	3,418	......	20	......	......	......	20	3,438	No rain	gauge	......	......	
		Pattamoondi ...	885	351	208	13,136	12,599	......	12,678	......	44	......	......	......	44	12,722	......	......	......	......	
		High Level, Range I ...	608	409	439	20,980	20,611	......	21,104	......	17	11	......	......	28	21,132	1·64	40·89	6·30	45·85	
		Ditto, ditto II ...	726·10	202	Not known.	2,732	2,526	......	2,514	......	62	......	......	......	62	2,576	No rain	gauge	......	......	
		Jajepore Canal ...	700	......	Not observed.	647	......	......	......	......	......	......	......	......	......	......	......	......	......	......	
	Balasore	High Level Canal, Range III	726·10	432	432	36,791	36,441	......	40,545	......	1	174	......	......	175	40,720	2·52	57·26	5·94	42·72	
		Total ..	......	......	......	1,68,067	1,73,670	......	1,75,465	......	3,861	260	......	......	4,121	1,79,686	......	......	......	......	
		Total of the corresponding period of last year ...	......	......	......	......	......	......	1,75,055	......	4,264	209	......	......	4,473	1,79,528	......	......	......	......	
South-Western.	Midnapore ...	Midnapore ...	1,411	370	367	76,501	74,701	......	76,157	......	......	......	......	......	......	76,157	0·58	54·74	5·14	49·63	30 days discharging.
		Panchkoora ...	522	242	253	5,035	4,615	......	5,461	......	......	......	......	......	......	5,461	0·54	41·05	4·81	49·18	27 days discharging.
	Howrah ...	Tidal Reaches, Ranges I-II	......	......	......	375	363	......	376	......	......	......	......	......	......	376	......	......	......	......	
		Total ...	......	......	......	81,911	79,679	......	81,994	......	......	......	......	......	......	81,994	......	......	......	......	
		Total of the corresponding period of last year ...	......	......	......	......	......	......	78,463	43	......	......	......	......	43	78,506	......	......	......	......	
Sone ...	Shahabad ...	Western Main ...	4,342	1,425	237	23,275	11,026	14,016	......	1,475*	9,708	105	......	155	11,443	25,459	1·20	18·92	2·32	56·53	* The decrease is due to area converted into 5 years' lease.
		Buxar ...	1,226	844	397	61,228	45,401	55,743	......	4,877*	6,431	135	26	2,864	14,333	70,076					
		Arrah ...	2,000	2,159	2,111	1,12,349	1,16,350	90,525	......	24,536*	2,000	570	169	6,954	34,129	124,754	1·45	23·99	3·25	62·83	
	Patna and Gya.	Eastern Main ...	1,466	1,462	1,359	1,670	1,455	1,182	......	520*	113	8	1	......	642	1,824	1·77	34·01	2·19	59·53	
		Patna ...				68,602	53,194	40,943	......	28,693	1,598	280	324	......	30,895	71,538					
		Total ...	......	......	......	2,67,082	2,27,026	2,02,409	......	60,101	19,850	1,098	520	9,973	91,542	293,951	......	......	......	......	
		Total of the corresponding period of last year ..	......	......	......	......	......	2,02,419	......	41,343	42	4,021	400	8,483	54,289	256,708	......	......	......	......	
		Grand Total ...	......	......	......	5,15,060	4,80,375	2,02,409	2,57,459	60,101	23,711	1,358	520	9,973	95,663	555,531	......	......	......	......	
		Grand Total of the corresponding period of last year ...	......	......	......	......	......	2,02,419	2,53,518	41,386	4,306	4,230	400	8,453	55,805	514,743	......	......	......	......	

CALCUTTA,
The 8th January 1892.

W. A. INGLIS,
Offg. Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT,—BENGAL.

IRRIGATION.

Statement showing heights over mean sea-level and low-water in the Rivers Ganges, Bhagiruthee, Jellinghee, and Brahmapootra, for the month of November 1891.

Date.	River Ganges.																River Bhagiruthee.		River Jellinghee.		River Brahmapootra.	
	Mirzapur.		Benares.		Buxar.		Dinapur.		Monghyr.		Sahebgunge.		Rampore Beauleah.		Goalundo.		Berhampore.		Sarupgunge.		Gowhatty.	
Distance. Miles.	From Allahabad ... 86		From Allahabad ... 134	From Mirzapur ... 48	From Benares 90		From Benares 177	From Buxar ... 87	From Benares 287	From Dinapur 110	From Benares 381	From Monghyr 94	From Benares 471	From Sahebgunge ... 90	From Benares 501	From Rampore Beauleah ... 120						
	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.
1st ...	12.00	218.22	8.75	205.55	9.17	178.22	14.75	148.98	8.00	109.85	7.58	75.58	8.33	50.33	8.92	17.86	11.67	45.51	10.75	15.05	1.70	150.46
2nd ...	11.75	217.97	8.67	205.47	8.92	177.97	14.65	148.88	7.75	109.60	7.33	75.33	8.00	50.00	8.67	17.61	11.46	45.20	10.50	14.80	1.60	150.36
3rd ...	11.50	217.72	8.67	205.47	8.75	177.80	14.30	148.53	7.67	109.52	6.92	74.92	7.83	49.83	8.58	17.52	11.25	44.99	10.13	14.43	1.40	150.16
4th ...	11.25	217.47	8.58	205.38	8.75	177.80	14.25	148.48	7.50	109.35	6.83	74.83	7.67	49.67	8.50	17.44	11.04	44.78	10.04	14.34	1.20	149.96
5th ...	11.00	217.22	8.50	205.30	8.67	177.72	14.10	148.33	7.33	109.18	6.75	74.75	7.50	49.50	8.50	17.44	10.83	44.57	10.00	14.30	1.10	149.86
6th ...	10.75	216.97	8.42	205.22	8.50	177.55	14.00	148.23	7.25	109.10	6.58	74.58	7.33	49.33	8.50	17.44	10.67	44.41	9.54	13.84	1.05	149.81
7th ...	10.50	216.72	8.33	205.13	8.25	177.30	13.85	148.08	7.00	108.85	6.42	74.42	7.00	49.00	8.42	17.36	10.41	44.20	9.17	13.47	1.00	149.76
8th ...	10.33	216.55	8.17	204.97	8.08	177.13	13.70	147.93	6.75	108.60	6.25	74.25	6.92	48.92	8.08	17.02	10.25	43.99	9.00	13.30	1.10	149.86
9th ...	10.17	216.39	7.92	204.72	7.92	176.97	13.55	147.78	6.50	108.35	6.08	74.08	6.75	48.75	7.75	16.69	10.08	43.82	8.42	12.72	1.10	149.86
10th ...	10.08	216.30	7.75	204.55	7.75	176.80	13.45	147.68	6.25	108.14	5.83	73.83	6.50	48.50	7.50	16.44	9.88	43.62	8.42	12.72	1.20	149.96
11th ...	9.92	216.14	7.42	204.22	7.58	176.63	13.35	147.58	6.08	107.93	5.67	73.67	6.42	48.42	7.25	16.19	9.71	43.45	8.33	12.63	1.20	149.96
12th ...	9.75	215.97	7.17	203.97	7.42	176.47	13.25	147.48	6.00	107.85	5.50	73.50	6.25	48.25	7.00	15.94	9.50	43.24	8.25	12.55	1.10	149.86
13th ...	9.58	215.80	6.92	203.72	7.25	176.30	13.15	147.38	5.83	107.68	5.33	73.33	6.08	48.08	7.00	15.94	9.33	43.07	8.23	12.43	1.10	149.86
14th ...	9.42	215.64	6.67	203.47	7.00	176.05	13.10	147.33	5.67	107.52	5.25	73.25	6.00	48.00	6.92	15.86	9.08	42.82	8.42	12.72	1.30	150.06
15th ...	9.25	215.47	6.58	203.38	6.92	175.97	13.05	147.28	5.30	107.35	5.17	73.17	5.92	47.92	6.83	15.77	8.92	42.66	8.42	12.72	1.30	150.06
16th ...	9.08	215.30	6.50	203.30	6.75	175.80	12.70	146.93	5.42	107.27	5.00	73.00	5.83	47.83	6.75	15.59	8.75	42.49	8.33	12.63	1.20	149.93
17th ...	8.92	215.14	6.42	203.22	6.67	175.72	12.65	146.88	5.33	107.18	4.83	72.83	5.67	47.67	6.67	15.61	8.58	42.32	8.25	12.55	1.20	149.96
18th ...	8.92	215.14	6.33	203.13	6.58	175.63	12.55	146.73	5.17	107.02	4.67	72.67	5.58	47.58	6.58	15.52	8.46	42.20	8.04	12.34	1.10	149.86
19th ...	8.67	214.89	6.25	203.05	6.50	175.55	12.50	146.73	5.08	106.93	4.50	72.50	5.42	47.42	6.42	15.36	8.25	41.99	7.75	12.05	1.00	149.76
20th ...	8.58	214.80	6.17	202.97	6.42	175.47	12.35	146.58	4.83	106.68	4.33	72.33	5.25	47.25	6.33	15.27	8.08	41.82	7.33	11.63	1.20	149.96
21st ...	8.42	214.64	6.08	202.88	6.25	175.30	12.30	146.53	4.67	106.52	4.25	72.25	5.08	47.08	6.17	15.11	7.92	41.66	6.84	11.13	1.40	150.16
22nd ...	8.33	214.55	5.96	202.76	6.17	175.22	12.25	146.48	4.50	106.35	4.08	72.08	4.92	46.92	6.00	14.94	7.75	41.49	6.75	11.05	1.30	150.04
23rd ...	8.17	214.39	5.84	202.63	6.08	175.13	12.20	146.43	4.42	106.27	3.92	71.92	4.75	46.75	5.92	14.86	7.58	41.32	6.50	10.80	1.30	150.06
24th ...	8.08	214.30	5.67	202.47	6.00	175.05	12.10	146.33	4.33	106.18	3.75	71.75	4.58	46.58	5.75	14.69	7.46	41.20	6.17	10.47	1.50	150.26
25th ...	8.00	214.22	5.50	202.30	5.92	174.97	12.00	146.23	4.13	105.98	3.67	71.67	4.42	46.42	5.50	14.44	7.29	41.03	6.00	10.30	1.40	150.16
26th ...	7.83	214.05	5.33	202.13	5.83	174.88	11.90	146.13	4.00	105.85	3.58	71.58	4.25	46.25	5.42	14.36	7.17	40.91	6.00	10.30	1.40	150.16
27th ...	7.75	213.97	5.17	201.97	5.67	174.72	11.70	145.93	3.83	105.68	3.50	71.50	4.08	46.08	5.42	14.36	7.04	40.78	5.88	10.18	1.30	150.06
28th ...	7.67	213.89	5.08	201.88	5.58	174.63	11.60	145.83	3.75	105.60	3.33	71.33	3.96	45.96	5.25	14.19	6.92	40.66	5.83	10.13	1.30	150.06
29th ...	7.50	213.72	5.00	201.80	5.50	174.55	11.50	145.73	3.63	105.48	3.25	71.25	3.83	45.83	5.08	14.02	6.79	40.53	5.92	10.22	1.10	149.86
30th ...	7.17	213.39	4.92	201.72	5.42	174.47	11.50	145.73	3.50	105.35	3.17	71.17	3.75	45.75	5.00	13.94	6.67	40.41	5.92	10.22	1.30	150.06

CALCUTTA,
The 11*th January* 1892.

W. A. INGLIS,
Offg. Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 2nd January 1892, *as compared with the corresponding week of the previous year.*

Nature of Cargo.	Week ending Saturday, the 2nd January 1892.			Week ending Saturday, the 3rd January 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	1,787	2,21,325	3,441	1,669	1,61,900	2,386
Jute	74	41,375	729	251	1,34,050	2,461
Firewood	125	68,525	1,039	155	81,825	1,221
Other articles	933	2,15,755	3,312	1,031	2,08,410	3,185
Total ...	2,919	5,46,980	8,521	3,106	5,86,185	9,243

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 9th January 1892, *as compared with the corresponding week of the previous year.*

Nature of Cargo.	Week ending Saturday, the 9th January 1892.			Week ending Saturday, the 10th January 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	2,327	4,43,065	7,497	1,821	1,98,750	3,068
Jute	77	46,900	770	238	1,37,875	2,535
Firewood	111	82,960	1,236	107	60,025	920
Other articles	959	2,19,585	3,367	1,170	2,42,265	3,948
Total ...	3,474	7,92,510	12,870	3,336	6,38,915	10,471

EAST INDIAN RAILWAY.

Statement of Goods Traffic in Staples carried during the four weeks ending 28th November 1891, as compared with the same period of 1890.

STAPLES.	1890.		1891.		INCREASE.		DECREASE.	
	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
Coke	2,12,983	32,211	1,90,934	27,934	......	......	22,049	4,277
Cotton, raw	119,603	90,311	26,272	23,683	......	......	93,331	66,628
Cotton twist and yarn—								
1.—European	6,256	7,011	8,594	7,753	2,338	742	......	......
2.—Indian	19,581	11,478	16,938	10,070	......	......	2,643	1,408
Cotton piece-goods—								
1.—European	2,10,016	2,28,854	1,29,405	1,36,681	......	......	80,611	92,173
2.—Indian	34,481	29,244	17,315	16,010	......	......	17,166	13,234
Drugs and chemicals—								
1.—Intoxicating other than opium	1,090	373	261	113	......	......	829	260
2.—Non-intoxicating	2,547	2,104	11,129	11,086	8,582	8,982	......	......
Dyes and tans—								
1.—Indigo	42,030	66,075	69,492	93,590	27,462	27,515	......	......
2.—Myrabolams	5,684	1,612	12,501	4,423	6,817	2,811	......	......
3.—Aniline dyes	......	......	219	220	219	220	......	......
4.—Cutch	......	......	3,142	1,130	3,142	1,130	......	......
5.—Paints and colours	2,179	1,624	7,956	3,826	5,777	2,202	......	......
6.—Others	7,251	2,510	2,847	1,058	......	......	4,404	1,452
Grains—								
1.—Wheat	2,43,152	67,095	8,63,561	2,27,019	6,20,409	1,59,924	......	......
2.—Rice	5,44,004	82,248	4,89,026	77,126	......	......	54,978	5,122
3.—Jawar and bajra	......	......	7,363	1,123	7,363	1,123	......	......
4.—Gram	2,59,112	68,176	81,121	17,928	......	......	1,77,991	50,248
5.—Indigo seed	2,233	499	3,959	831	1,726	332	......	......
6.—Seeds other than oil-seeds	62,062	22,892	27,428	11,251	......	......	34,634	11,641
7.—Others	2,00,823	26,805	2,89,304	80,090	88,481	53,225	......	......
Hides and skins—								
1.—Hides of cattle	48,086	26,852	29,604	18,280	......	......	18,482	8,572
2.—Skins of sheep, &c.	11,554	4,903	12,417	7,303	863	2,400	......	......
Horns	1,657	845	2,947	1,624	1,290	779	......	......
Jute—								
1.—Raw	59,371	11,030	1,21,976	24,278	62,605	13,248	......	......
2.—Gunny-bags and cloth	65,890	33,613	1,08,376	57,899	42,486	24,286	......	......
Lac—								
1.—Stick	26,755	8,893	22,014	6,503	......	......	4,741	2,390
2.—Shell lac	20,454	13,712	16,493	13,095	......	......	3,961	617
Leather—								
1.—Unmanufactured	1,427	2,648	2,247	849	820	......	......	1,799
2.—Manufactured	3,577	4,531	4,910	6,319	1,333	1,788	......	......
Liquors—								
1.—Beer	5,256	5,787	11,731	7,209	6,475	1,422	......	......
2.—Wines }	3,851	6,432	{ 2,559	4,515	} 1,727	1,080	......	......
3.—Spirits }			{ 3,019	2,997	}		......	......
Metals—								
1.—Copper, unwrought }	23,107	15,102	{ 3,207	3,653	}	......	3,406	2,264
2.—Brass, unwrought }			{ 3,547	2,279	}			
3.—Brass and copper, wrought }			{ 12,947	6,906	}			
4.—Iron	1,01,260	60,524	1,57,879	75,158	56,619	14,634	......	......
5.—Tin	1,204	1,753	3,659	3,759	2,455	2,006	......	......
6.—Others	3,627	1,782	9,767	6,771	6,140	4,989	......	......
Oils—								
1.—Castor }	81,195	33,646	{ 2,628	712	} 32,477	24,915	......	......
2.—Kerosine }			{ 1,01,828	54,214	}			
3.—Others }			{ 9,216	3,635	}			
Oil-seeds—								
1.—Linseed	2,55,922	79,875	3,08,065	97,891	52,143	18,016	......	......
2.—Rape and mustard	70,306	16,408	82,521	18,432	12,215	2,024	......	......
3.—Til or jinjili	5,612	1,253	10,633	2,421	5,021	1,108	......	......
4.—Castor	......	......	67,453	16,190	} 52,160	16,784	......	......
5.—Poppy	......	......	60,947	20,247	}		......	......
6.—Others	83,672	21,735	7,432	2,082	}		......	......
Opium	45,858	49,270	51,222	63,315	5,366	14,045	......	......
Paper and paste board	7,266	4,787	9,679	5,947	2,413	1,160	......	......
Provisions—								
1.—Ghee	24,259	22,429	20,232	15,480	......	......	4,027	6,949
2.—Dried fruits and nuts	33,246	33,731	33,646	32,750	400	......	......	981
3.—Cocoanuts	6,260	3,107	10,031	4,017	3,771	910	......	......
4.—Turmeric	11,135	9,200	11,439	9,371	295	81	......	......
5.—Others	86,788	50,903	1,04,856	65,581	18,068	14,678	......	......
Salt	4,33,654	88,571	4,90,463	1,04,969	56,809	16,398	......	......
Saltpetre, &c.—								
1.—Saltpetre	49,340	20,401	51,111	20,971	1,771	570	......	......
2.—Borax	1,096	559	944	476	......	......	152	83
3.—Other saline substances	12,904	3,927	19,972	5,324	7,068	1,397	......	......
Silk, raw—								
1. Foreign }	1,330	803	{ 26	1	}	......	313	141
2. Indian }			{ 981	661	}			
Silk piece-goods—								
1.—Foreign	33	75	88	188	55	113	......	......
2.—Indian	803	773	585	567	......	......	218	206
Spices—								
1.—Pepper }	14,669	10,050	{ 3,838	4,523	} 1,043	389	......	......
2.—Other }			{ 11,774	5,926	}			
Sugar—								
1.—Drained	31,014	5,948	28,373	10,503	......	4,555	2,641	......
2.—Undrained	2,57,771	76,914	1,34,569	41,464	......	......	1,23,202	35,450
Stone and lime	1,69,714	25,971	3,04,045	41,021	1,34,331	15,050	......	......
Tea—								
1.—Foreign	8	6	3	2	......	......	5	4
2.—Indian	3,961	3,541	4,679	4,179	718	638	......	......
Timber, &c.—								
1.—Timber	17,369	3,594	53,855	10,680	36,486	7,086	......	......
2.—Firewood	22,477	1,092	10,250	525	......	......	12,227	567
Tobacco	24,857	10,284	34,305	15,464	9,448	5,180	......	......
Umbrellas	......	......	232	282	232	282	......	......
Wool—								
1.—Raw	1,189	1,040	2,029	1,909	840	869	......	......
2.—Piece-goods—								
a.—European	2,010	3,130	2,420	2,440	410	......	......	690
b.—Indian	4,598	5,974	5,754	7,459	1,156	1,485	......	......
3.—Shawls	......	......	2	1	2	1	......	......
All other articles of merchandise	3,48,987	1,88,631	4,77,532	1,64,856	1,28,545	......	......	23,775
Total	44,61,054	17,17,376	53,18,148	18,59,086	8,57,094	1,41,710	......	......
Military stores	19,298	25,917	19,606	22,113	308	......	......	3,804
Coal—								
1.—For public	27,13,777	4,43,894	29,25,092	4,42,234	2,11,315	......	......	1,660
2.— „ Railway	3,22,787	25,131	4,97,137	40,389	1,74,350	15,258	......	......
Railway Materials—								
1.—For construction and revenue	2,19,828	27,611	7,64,995	22,091	5,45,167	......	......	5,520
Live-stock	......	20,450	......	23,196	......	2,746	......	......
Total	77,36,744	22,60,379	95,24,978	24,09,100	17,88,234	1,48,730	......	......

E. WEATHERDON, *Assistant Auditor.*

TRAFFIC AUDIT OFFICE, GOODS DIVISION, JAMALPUR, *the 7th January* 1892.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for the last 12 days of December 1891, on 1,525½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period ...	378,596	5,20,300 2 0	44,36,317 0	10,06,610 3 0	38,866 0 0	15,65,776 5 0	127,293	160,752½	288,045½
Or per mile of railway	......	341 1 1	......	659 13 8	25 7 8	1,026 6 5	......	......	......
For previous 25 weeks of half-year	6,206,608	68,49,245 13 0	5,74,16,898 30	1,38,13,610 4 0	1,92,796 10 2	2,08,55,652 11 2	1,781,031½	2,308,418	4,089,449½
Total for 26 weeks ...	6,585,204	73,69,515 15 0	6,18,53,215 30	1,48,20,220 7 0	2,31,062 10 2	2,24,21,429 0 2	1,908,324½	2,469,170½	4,377,495½
Comparison.									
Total for corresponding period of previous year	346,247½	5,09,913 5 11	38,82,703 0	8,67,127 11 0	68,935 13 8	14,45,976 14 7	114,792	131,381½	246,173½
Per mile of railway corresponding period of previous year ...	......	334 4 2	......	568 6 9	45 3 0	947 13 11	......	......	......
Total to corresponding date of previous year	6,105,664	69,18,865 12 0	5,21,35,716 30	1,26,82,097 14 11	4,75,264 0 4	2,00,76,227 11 3	1,773,923	2,081,153½	3,855,076½

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for the last 12 days of December 1891, on 57½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period ...	20,705	12,127 8 0	73,617 20	4,950 4 0	82 0 0	17,159 12 0	3,105	999	4,104
Or per mile of railway	362	212 0 4	1,287 0	86 8 8	1 6 11	299 15 11	......	......	......
For previous 25 weeks of half-year	*334,144	*1,80,211 15 0	†11,96,041 0	†76,984 11 0	‡1,457 10 0	2,58,654 4 0	36,908	17,406	54,374
Total for 26 weeks ...	354,849	1,92,339 7 0	12,69,658 20	81,934 15 0	1,539 10 0	2,75,814 0 0	40,013	18,405	58,478
Comparison.									
Total for corresponding period of previous year	23,070½	13,199 8 0	63,409 20	3,963 10 0	514 5 6	17,677 7 6	2,510	1,252	3,762
Per mile of railway corresponding period of previous year ...	403½	230 12 2	1,108 30	69 4 9	8 15 10	309 0 9	......	......	......
Total to corresponding date of previous year	348,077½	1,92,438 14 0	9,81,444 0	64,959 15 0	1,958 0 0	2,59,357 3 0	37,725	16,292	54,017

* Added number of passengers 5,001 and Rs. 2,533 0 0 }
† Ditto maunds 9,155 and „ 307 0 0 } on account of differences between the approximate and audited returns from week ended 7th to 28th November 1891.
‡ Ditto „ 55 0 0 }

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for the last 12 days of December 1891, on 22½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period ...	28,096	7,728 5 0	13,939 0	563 2 0	24 0 0	8,315 7 0	1,481	246	1,727
Or per mile of railway	......	347 5 5	......	25 5 0	1 1 3	373 11 8	......	......	......
For previous 25 weeks of half-year	*448,718	*1,11,134 7 0	†2,19,556 10	†8,796 3 0	‡716 11 6	1,20,647 5 6	21,996	2,488	24,484
Total for 26 weeks ...	476,814	1,18,862 12 0	2,33,495 10	9,350 5 0	740 11 6	1,28,962 12 6	23,477	2,734	26,211
Comparison.									
Total for corresponding period of previous year	25,657½	6,517 9 2	12,483 10	555 3 0	40 13 0	7,122 9 2	1,402	116	1,518
Per mile of railway corresponding period of previous year ...	......	292 14 9	......	24 15 3	2 3 10	320 1 10	......	......	......
Total to corresponding date of previous year	452,780	1,12,016 9 9	2,02,337 10	7,621 5 0	450 14 8	1,20,088 13 5	23,774	1,614	25,388

* Deducted number of passengers 5,188 and Rs. 1,284 0 0 }
† Added maunds 17,932 and „ 393 0 0 } on account of differences between the approximate and audited returns from week ended 7th to 28th November 1891.
‡ Ditto „ 17 0 0 }

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for the last 12 days of December 1891, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period ..	19,848	15,362 12 0	59,937 0	10,526 8 0	122 0 0	26,011 4 0	11,329½	2,863	14,192½
Or per mile of railway	......	94 13 4	......	61 15 8	0 12 0	160 9 0	......	......	......
For previous 25 weeks of half-year	*365,369	*2,94,205 6 0	†10,22,218 30	†2,05,555 4 0	‡2,663 0 6	5,02,424 3 6	155,658½	38,054½	193,713
Total for 26 weeks ...	385,217	3,09,568 2 0	10,82,155 30	2,16,081 12 0	2,785 0 6	5,28,435 7 6	166,988	40,917½	207,905½
Comparison.									
Total for corresponding week of previous year	......	......	......	......	......	......	......	......	......
Per mile of railway corresponding week of previous year ...	......	......	......	......	......	......	......	......	......
Total to corresponding date of previous year	......	......	......	......	......	......	......	......	......

* Added number of passengers 1,828 and Rs. 5,911 0 0
† Ditto mds. 6,726 and " 39 0 0
‡ Ditto " 21 0 0
} on account of differences between the approximate and audited returns from week ended 7th to 28th November 1891.

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Behar Sections.)

Approximate Return of Traffic for last 12 days of December 1891, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for last 12 days ...	247,793	1,30,010 0 0	10,34,291 0	1,75,860 0 0	(a)84,990 0 0	3,90,860 0 0	42,060	48,977	91,037
Or per mile of railway	319	167 0 0	1,331 0	226 0 0	†84 0 0	477 0 0	......	......	......
For previous 25 weeks of half-year*	3,919,123	18,14,525 0 0	1,62,29,580 0	37,47,007 0 0	3,93,201 0 0	59,54,733 0 0	651,976	881,540	1,536,516
Total for half-year ...	4,166,916	19,44,535 0 0	1,72,63,871 0	39,22,867 0 0	4,78,191 0 0	63,45,593 0 0	694,036	933,517	1,627,553
Comparison.									
Total for corresponding week of previous year	230,218	1,32,193 0 0	12,79,024 0	2,57,746 0 0	38,437 0 0	4,28,376 0 0	38,527	53,044	91,571
Per mile of railway corresponding period of previous year ...	302	173 0 0	1,676 0	338 0 0	†12 0 0	523 0 0	......	......	......
Total to corresponding date of previous year	3,832,721	17,60,925 0 0	1,60,22,865 0	40,85,221 0 0	5,04,740 0 0	63,50,886 0 0	644,932	908,960	1,553,892

* Audited up to 21st November 1891.
† Excluding steamer's earnings.
(a) Includes Rs. 55,000 shunting charges at Chitpore and Belliaghata recoverable from E. I. Railway.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for last 12 days of December 1891, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for last 12 days ...	42,986	18,950 0 0	79,113 0	5,580 0 0	390 0 0	24,920 0 0	6,300	3,389	9,689
Or per mile of railway	344	152 0 0	633 0	44 0 0	3 0 0	199 0 0	......	......	......
For previous 25 weeks of half-year*	690,557	2,46,126 0 0	12,59,942 0	96,951 0 0	5,340 0 0	3,48,426 0 0	90,608	48,945	139,553
Total for half-year ...	733,543	2,65,076 0 0	13,39,055 0	1,02,531 0 0	5,730 0 0	3,73,346 0 0	96,908	52,334	149,242
Comparison.									
Total for corresponding week of previous year	38,144	16,795 0 0	68,444 0	4,089 0 0	318 0 0	21,202 0 0	5,730	3,228	8,958
Per mile of railway corresponding week of previous year ...	305	134 0 0	548 0	33 0 0	3 0 0	170 0 0	......	......	......
Total to corresponding date of previous year	688,755	2,39,835 0 0	11,04,805 0	85,630 0 0	6,371 0 0	3,31,836 0 0	97,002	49,812	146,814

* Audited up to week ending 21st November 1891.

DACCA STATE RAILWAY.

Approximate Return of Traffic for last* 12 *days of December* 1891, *on* 86 *miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for last 12 days ...	28,848	9,680 0 0	40,341 0	3,520 0 0	130 0 0	13,330 0 0	4,123	1,300	5,423
Or per mile of railway	335	112 0 0	469 0	41 0 0	2 0 0	155 0 0	......	......	......
For previous 25 weeks of half-year*	415,625	1,36,081 0 0	5,01,367 0	40,924 0 0	4,215 0 0	1,81,220 0 0	65,196	20,164	85,360
Total for half-year ...	444,473	1,45,761 0 0	5,41,708 0	44,444 0 0	4,345 0 0	1,94,550 0 0	69,319	21,464	90,783
Comparison.									
Total for corresponding week of previous year	27,076	9,810 0 0	95,606 0	8,150 0 0	24 0 0	18,584 0 0	3,822	2,706	6,528
Per mile of railway corresponding period of previous year	315	114 0 0	1,112 0	95 0 0	7 0 0	216 0 0	......	......	......
Total to corresponding date of previous year	415,134	1,40,445 0 0	7,17,084 0	64,085 0 0	7,171 0 0	2,11,701 0 0	63,691	25,758	89,449

* Audited up to week ending 21st November 1891.

NALHATI STATE RAILWAY.

Approximate Return of Traffic for last* 12 *days of December* 1891, *on* 27½ *miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for last 12 days ...	4,616	1,710 0 0	11,514 0	600 0 0	30 0 0	2,340 0 0	955	400	1,355
Or per mile of railway	169	63 0 0	423 0	22 0 0	1 0 0	86 0 0	......	......	......
For previous 25 weeks of half-year*	74,702	27,106 0 0	2,15,611 0	11,353 0 0	460 0 0	38,829 0 0	12,803	10,095	22,898
Total for half year ...	79,318	28,726 0 0	2,27,125 0	11,953 0 0	490 0 0	41,169 0 0	13,758	10,495	24,253
Comparison.									
Total for corresponding week of previous year	4,396	1,692 0 0	29,474 0	1,473 0 0	45 0 0	3,210 0 0	844	954	1,798
Per mile of railway corresponding week of previous year ...	161	62 0 0	1,082 0	54 0 0	2 0 0	118 0 0	......	......	......
Total to corresponding date of previous year	80,362	28,752 0 0	3,43,544 0	16,855 0 0	491 0 0	46,098 0	14,456	14,778	29,234

* Audited up to week ending 21st November 1891.

Printed and published by Edwin Morris Lewis, at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 13th January 1892.

[REGISTERED No. 29.]

No. 3 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, JANUARY 20, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 16*th January* 1892.

Division	No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.				
Burdwan Divn.	1	Burdwan Jan. 16, '92 Culna ... Cutwa ... Raneegunge ...	Nil Nil Nil Nil	Weather—warm. Harvesting of *aman* finished. State of *rabi* crops and sugarcane fair except in thana Boodbood. Water and fodder sufficient. Prices of common rice:— Srs. Sudder ... ... 13½ per rupee. Culna ... ... 14 per rupee. Cutwa ... ... 14 per rupee. Raneegunge ... ... 15 per rupee.
	2	Bankoora .. 16, '92	Nil	Weather—rather warm for the season. Prospects of *rabi* not very good. Sugarcane ripening and promises well. Condition of cattle fair. Fodder and water hardly sufficient. Common rice selling at 18 seers per rupee at Bankoora and 17½ seers at Bishenpur.
	3	Birbhum .. 16, '92 Rampore Haut ...	Nil Nil	Weather—seasonable. Harvesting of winter rice over. Cold-weather crops suffering for want of rain. Common rice from 15 to 17 seers per rupee. Cattle-pox reported from thanas Soori, Dubrajpore, and Sukulipore. Fodder and water plentiful.
	4	Midnapore „ 16, '92	Nil	Weather—becoming warmer every day. Winter rice crop reaped. Outturn estimated at 10 annas. Prospects of *rabi* not good. Fodder plentiful; water wanted at Nayagram. Prices of common rice:— Srs. Sudder ... ... 16 per rupee. Contai ... ... 17 per rupee. Tumluk ... ... 13 per rupee. Ghatal ... ... nearly 16 per rupee.
	5	Hooghly .. 16, '92 Serampore ... Jehanabad ...	Nil Nil Nil	Weather—unusually warm for the time of year. Harvesting of *aman* completed; outturn estimated at 8 annas. *Rabi* prospects fair. Pressing of sugarcane commenced with good outturn. No difficulty in obtaining water and fodder-supply. Prices of common rice:— Srs. Sudder ... ... 12 per rupee. Serampore ... ... 12½ per rupee. Jehanabad ... ... 15 per rupee.
	6	Howrah „ 16, '92 Uluberia ...	Nil Nil	Weather—rather warm for the season. Average outturn of *aman* crop about 15 annas. *Rabi* crops not doing so well. Fodder and water-supply for cattle sufficient. Prices of common rice from 14 to 15 seers per rupee.
Presidency Divn.	7	24-Perghs. „ 19, '92	Nil	Weather—seasonable; foggy mornings; somewhat warmer. Harvesting of *aman* almost completed. Prospect of cold-weather crops has not improved. Sugarcane is still being pressed. Cattle reported to be in good condition. Fodder and water available everywhere. Prices stationary.
	8	Nuddea „ 16, '92 Kushtea ... Meherpore ... Chuadanga ... Ranaghat ...	Nil Nil Nil Nil Nil	Weather—seasonable. Prospects of winter crops continue unsatisfactory. Common rice selling at from 11 seers 7 chittacks to 15 seers 3 chittacks per rupee. Condition of cattle good, and supply of fodder and water sufficient.
	9	Khoolna „ 16 '92 Bagirhat ... Satkhira ...	Nil Nil Nil	Weather—seasonable. Harvesting of *aman* still going on. Condition and prospects of winter crops on the whole good. Price of common rice ranges from 14 to 17 seers per rupee. Fodder and water sufficient.
	10	Jessore .. 16, '92 Jhenidah ... Magurah ... Narail ... Bongong ...	Nil Nil Nil Nil Nil	Weather—seasonable. *Aman* harvest still going on. Rain wanted for winter crops. Fodder and water sufficient.
	11	Murshedabad „ 16, 92	Nil	Weather—seasonable. Harvesting of winter rice almost finished. Prospects of *rabi* crops not favourable. Fodder and water sufficient for cattle. Fifteen head of cattle died of small-pox in Kandi subdivision.
Chittagong Divn.	12	Chittagong „ 16, '92	Nil	Weather—seasonable. Harvesting of *aman* still continues. Prospects unchanged. Average outturn estimated at 11 annas. Cold-weather crops doing well. Prices show a tendency to rise. Condition of cattle good. Fodder sufficient.
	13	Noakhally „ 16, '92	Nil	Weather—seasonable. Harvesting of *aman* paddy completed; outturn 10 annas. State of *rabi* crops good. No cattle-disease. Fodder and water available. Price of common rice in Sudder subdivision 15 seers per rupee and in Feni subdivision 16 seers per rupee.
	14	Tipperah „ 16, '92	Nil	Weather—seasonable. Harvesting of paddy (*aman*) completed. Winter crops promising. General health of cattle good. Fodder sufficient.
	15	Chittagong Hill Tracts. „ 15, '92	Nil	Weather—seasonable. Gathering of plough-paddy over. Winter crops progressing. Cattle-disease continues. Price of common rice 10 seers 10 chittacks per rupee.

No	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—*concld.*				
DACCA DIVN. 16	Dacca	Jan. 16, '92	Nil	Weather—seasonable. Harvesting of *aman* completed. Winter crops are progressing favourably. Fodder available. Common rice selling at from 14 to 17 seers per rupee. Condition of cattle fairly good.
17	Furreedpore Goalundo Madaripore	„ 16, '92	Nil Nil Nil	Weather—seasonable. State of *rabi* crops fair, but rain wanted. Sowing of *jali* paddy in progress. Rice selling at 15, 16, and 13 seers per rupee at Sudder, Madaripore, and Goalundo respectively. Condition of cattle good, and fodder-supply sufficient.
18	Backergunge	„ 16, '92	Nil	Weather—foggy in the morning. Prospects of crops good. Common rice selling at from 10 to 16 seers per rupee. Supply of fodder and water sufficient.
19	Mymensingh	„ 16, '92	Nil	Weather—cold with foggy mornings. Prospects of crops fair. Common rice sells at 15 seers per rupee. Condition of cattle good. Supply of water and fodder on the whole sufficient.
RAJSHAHYE DIVN. 20	Dinagepore Thakurgaon	„ 16, '92 ...	Nil Nil	Weather—cool. Harvesting of winter rice almost over. Outturn estimated to be 6 annas, taking 16 annas to represent the average outturn. Mustard estimated to be 12 annas. Sugarcane being pressed. Cultivation of lands for *bhadoi* and jute in progress. Price of rice both at Sudder and Thakurgaon stationary. Condition of cattle good. Supply of fodder and drinking water sufficient.
21	Rajshahye Nattore Nowgong	„ 16, '92	Nil Nil Nil	Weather—cool and seasonable. Harvesting of winter rice crop almost over; average outturn expected to be 8 annas. Price of common rice varies from 12 to 17 seers per rupee. Condition of cattle good except that some disease reported from Nowgong. Fodder plentiful. Drinking water sufficient.
22	Rungpore Gaibanda Nilphamari Kurigram	„ 16, '92	Nil Nil Nil Nil	Weather—cold and cloudy. Harvesting of *aman* nearly finished. Harvesting of mustard, &c., commenced. Prospects as before. Cold-weather crops promise a fair yield. Ploughing for *aus* going on. Price of common rice has risen in Kurigram to 9 seers a rupee. In Gaibanda it is 14 to 18 seers, in Sudder 10 to 12 seers, and in Nilphamari 13 seers a rupee. Fodder sufficient.
23	Bogra Shorpur Nowkhilla	„ 16, '92	Nil Nil Nil	Weather—seasonable. *Aman* harvest over; an average outturn of 8 annas expected. All *rabi* crops good. Price of common rice 13½ seers per rupee. Fodder and water sufficient.
24	Pubna	„ 16, '92	Nil	Weather—cool and clear. *Aman* paddy still being reaped, as also sugarcane. Sugarcane may yield 12 annas and mustard 10 annas. Other crops fair. Price of common rice 13 to 14 seers per rupee. Water-supply and fodder sufficient.
25	Darjeeling	„ 16, '92	Nil	Weather—cold. Winter paddy nearly harvested. Sugarcane, mustard, wheat, barley, and *fafar* doing well. Fodder and water-supply sufficient. No disease among cattle. Prices of common rice:— Srs. Darjeeling ... ... 10 Jore Bungalow ... ... 11 Kalimpong ... ... 10 Pulbazar ... ... 11 Sonadah ... ... 11 Nauri ... ... 8 Silliguri ... ... 11 Phansidewa ... ... 11½ Nuxalbari ... ... 12 Kurseong ... ... 10 } per rupee.
26	Julpigoree	„ 16, '92	Nil	Weather—seasonable. Harvesting of *haimanti* paddy nearly completed; outturn very poor. *Rabi* crops promising, but rain wanted. Price of common rice still shows a tendency to rise. No cattle-disease. Fodder and water-supply sufficient.
BEHAR.				
BHAGULPORE DIVN. 27	Monghyr Begusarai Jamui	„ 16 '92	Nil Nil Nil	Weather—not so cold as usual at this time of year. Strong west winds for the last two days. Prospects of *rabi* unchanged and not very favourable. Estimate of winter rice crop in the Jamui subdivision now put at 4 annas. Supply of fodder and water at present sufficient. Some cattle-disease reported from Jamui. Coarse rice selling at from 12 to 15 seers per rupee.
28	Bhagulpore	„ 16, '92	Nil	Weather—cold with strong north-west wind. Harvesting of *aghani* nearly finished; outturn in South Bhagulpore about 10 annas and in North Bhagulpore about 4 annas. Wheat wants rain badly; expected outturn between 4 and 6 annas. Price of common rice—old 11 seers 6 chittacks, new 12 seers per rupee.
29	Purneah Kishengunge Arrareah	„ 16, '92	Nil Nil Nil	There has been a strong drying west wind for three days. *Aghani* harvest nearly finished, with 4 to 6 annas outturn over all parts of the district. Rape nearly gathered; about 8 to 10 annas crop. Other *rabi* crops suffering for want of rain and not likely to do so well. Plenty of fodder, but water level low. No cattle-disease. Prices stationary.
30	Maldah Chanchal Shibgunge Gajole	„ 16, '92	Nil Nil Nil Nil	Weather—seasonable. Except in one or two places, harvesting of winter rice finished with an outturn of from 6 to 12 annas. Gathering of *kalai* and mustard still going on. Transplantation of *boro* paddy commenced. Wheat and other *rabi* crops doing fairly well. Cattle-pox reported from thana Shibgunge. Fodder and water-supply sufficient. Common rice selling at from 11 to 15 seers per rupee.
31	Sonthal Perghs.	„ 16, '92	Nil	Weather—dry with high westerly winds. Harvesting of rice crop nearly completed. *Rabi* crops suffering for want of rain. Price of rice 12 to 18 seers per rupee.

No.	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
	BEHAR—*concld.*			
	PATNA DIVISION.			
32	Patna	Jan. 16, '92	Nil	Weather—cold with west wind. Harvesting and threshing of paddy still in progress. Early poppy flowering. Mustard being harvested. Sugarcane being pressed. Other *rabi* crops doing well, but rain urgently wanted. Prices showing a tendency to rise.
	Barh	...	Nil	
	Behar	...	Nil	
	Dinapore	...	Nil	
33	Gya	„ 16, '92	Nil	Weather—cold and clear with high west wind in the latter part of the week. Harvesting of paddy almost finished. Prospects of *rabi* crops not bad as yet, but the current high west winds, if continued for a few days more, will do them harm. Prices of food-grains rising. Supply of fodder and water sufficient.
	Jehanabad	...	Nil	
	Aurungabad	...	Nil	
	Nawada	...	Nil	
34	Shahabad	„ 16, '92	Nil	Weather—warm in beginning of week; latter half of week cold with strong west winds which have begun earlier than usual. *Rabi* crops in Sudder subdivision excellent; in other subdivisions they are reported to be doing well where irrigation is possible. Rain much wanted, and without it unirrigated crops will be very poor. Insufficiency of water for cattle reported from Bhabuah. Prices rising.
	Buxar	...	Nil	
	Bhabuah	...	Nil	
	Sasseram	...	Nil	
35	Durbhunga	„ 16, '92	Nil	Weather—unseasonably warm in the day time. Strong west winds set in at close of week. *Rabi* reported to be doing well in Samastipur and Madhubani notwithstanding the absence of rain, which was much wanted; outturn, however, cannot be more than 8 annas, if so much. Prices of common rice:— Srs. Madhubani ... ... 14 to 16 } Samastipur ... ... 12 to 13 } per rupee. Sudder ... ... 14 } Fodder and water for cattle sufficient.
36	Mozufferpore	„ 16, '92	Nil	Weather—cold with high west wind during latter part of week. *Rabi* on high lands still in want of rain; on low lands where there is moisture and where irrigated doing fairly. Fodder and water-supply for cattle sufficient. Prices as follow:— Common rice. Wheat. Barley. Makai. Marua. Srs. Srs. Srs. Srs. Srs. Sudder ... 13 12 20 21 ... Sitamurhi ... 14½ 13 22½ 23 24 Hajipore ... 14 13 24 21½ ...
	Hajipore	...	Nil	
	Sitamurhi	...	Nil	
37	Sarun	„ 16, '92	Nil	Weather—earlier part of week cloudy, and a few drops of rain here and there. Now cold with strong west winds. *Rabi* doing fairly, but would be benefited by rain. Fodder and water for cattle sufficient. Condition of poppy good on the whole. Prices of common rice:— Srs. Ch. Chupra ... . 13 2 } Sewan ... ... 14 8 } per rupee. Gopalgunge ... ... 14 4 }
38	Chumparun	„ 16, '92	Nil	Weather—cold; high west wind prevailing. *Rabi* being weeded. Crops suffering for want of rain. Fodder and water sufficient. Prices rising.
	ORISSA.			
	ORISSA DIVN.			
39	Cuttack	„ 16, '92	Nil	Weather—warm but still seasonable. *Sarad* rice being harvested. Tobacco being transplanted in some places, and those sown early growing well. Mustard ripening. Black and grey *mung* both doing well, but rain wanted for *rabi* crops generally. Price of rice stationary. Fodder-supply sufficient.
40	Pooree	„ 14, '92	Nil	Weather—cool. Harvesting of *sarad* going on. *Dalua* plants growing. Miscellaneous crops doing well. Common rice sells at from 12½ to 22 seers per rupee. Cattle-disease reported from Banchas, Khorda, Banpur, and Dandimal.
41	Balasore	„ 16, '92	Nil	Weather—seasonable. Harvesting of winter rice almost over. *Biri*, *mung*, and mustard maturing and estimated at 14 annas. Rice selling at 17 seers per rupee at Balasore and 19 seers at Bhadrak.
	CHOTA NAGPORE.			
	South-West Frontier Agency.			
	CHOTA NAGPORE DIVN.			
42	Hazaribagh	Jan. 16, '92	Nil	Weather—seasonable. Prospects of *rabi* and poppy crops not favourable for want of rain. Scarcity of water is felt in some parts of the district. Common rice sells at from 13 to 16 seers per rupee. Fodder-supply sufficient.
	Giridih	...	Nil	
43	Lohardugga	„ 16, '92	Nil	Weather—seasonable. Rain badly wanted for *rabi* crops and for ploughing land for up land paddy. Common rice selling at 14 seers per rupee. Fodder and water plentiful.
44	Palamow	„ 12, '92	Nil	Weather—seasonable. Nights occasionally cloudy. Rain very badly wanted for the development of *rabi*. Even the low wheat fields have now begun to lose moisture. Rice selling at 14 to 15 seers per rupee. Fodder and water-supply is yet sufficient.
45	Singbhoom	„ 16, '92	Nil	Weather—warm for the season. Standing winter crops doing well. Sugarcane, oilseeds, and pulses being harvested with good outturns. Fodder-supply ample, except at Chybassa where it is diminishing.
46	Manbhoom	„ 16, '92	Nil	Weather—rather warm than seasonable. *Rabi* being gathered. Rice selling at 17 seers per rupee. Fodder and water-supply yet not deficient.
	Govindpore	...	Nil	

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 19th January, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (*RETAIL*) OF FOOD-GRAINS, FIREWOOD AND SALT IN THE HEAD-QUARTERS STATION BAZARS OF THE DISTRICTS OF BENGAL DURING THE FORTNIGHT ENDING THE 15TH JANUARY, 1892.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the

Division	Number.	DISTRICTS.	QUANTITIES PER RUPEE IN														
			WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLUM. (*Sorghum Vulgare.*)		
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
BENGAL.			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
BURDWAN DIVISION.	1	Burdwan ...	12 0	10 1¼	14 0	...	...	...	12 6	12 0	16 2	14 4	15 0	18 6	...	...	...
	2	Bankoora ...	12 8	12 0	14 0	16 0	16 0	18 0	12 8	12 8	19 0	18 0*	16 4	21 0	...	...	...
	3	Beerbhoom ...	12 8	12 8	16 8	...	...	...	13 0	13 0	15 0	15 0	15 0	18 12	...	...	...
	4	Midnapore ...	12 0	11 0	10 8	...	...	...	13 0	11 0	15 0	16 8	17 0	20 0	...	...	...
	5	Hooghly ...	13 0	13 0	13 0	...	...	...	8 0	8 0	8 0	13 0	13 0	13 0	...	...	...
	6	Howrah ...	...	11 4	...	...	...	...	10 4	10 4	11 0	13 4	13 0	16 0	...	...	...
PRESIDENCY DIVISION.		Calcutta ...	10 15	11 2	12 14	20 0	19 0	18 1	8 11	8 7	10 0	12 12	12 12	14 9	16 0	16 0	16 9
	7	24-Pergunnahs	10 8	10 10	12 8	18 0	20 0	16 0	8 0	8 0	8 0	13 8	13 0	16 0	...	...	...
	8	Nuddea ..	12 12¾	12 13	15 4	22 14	22 14	...	10 10½	10 0	14 8	12 12¾	13 1	16 1	...	.	...
	9	Khoolna ...	...	...	...	...	...	...	13 0	12 8	13 0	16 0	14 0	16 0	...	...	...
	10	Jessore ...	10 0	10 0	12 8	...	...	...	13 0†	11 0	11 8	15 0	16 0	16 0	...	...	...
	11	Moorshedabad	12 0	12 0	15 0	...	...	...	10 0	10 0	10 0	13 4	13 4	18 0	...	..	...
CHITTAGONG DIVISION.	12	Chittagong ...	9 12	9 12	12 0	...	...	...	9 0	9 8	12 0	13 0	13 0	16 9	...	...	...
	13	Noakholly ...	...	...	...	...	...	...	13 0	14 0	16 0	14 0	15 0	17 0	...	...	...
	14	Tipperah ...	10 0	10 0	10 7	...			0 10	10 10	11 7	16 0	14 12	17 11	.		...
	15	Chittagong Hill Tracts.	...	...	...	...	...	...	10 0	10 0	11 6¾	10 10	11 3	13 5¼	...	..	...
DACCA DIVISION.	16	Dacca ...	10 8	10 8	12 0	26 0	26 0	14 0	12 0	12 0	15 0	16 0	14 0	17 0	...	...	...
	17	Furreedpore ...	11 8	16 0	16 0	17 0	16 0	12 0	10 0	10 0	12 0	16 0	16 0	16 0	...	...	...
	18	Backergunge ...	...	..	...	...	...	...	New. 12 0	10 8	13 14	New. 14 0	14 0	16 4	...	...	...
	19	Mymensingh ...	9 0	9 8	10 8	...	...	..	11 0	13 0	10 0	15 0	14 8	16 0	.	...	...
RAJSHAHYE DIVISION.	20	Dinagepore ...	10 13	12 0	12 0	17 0	17 8	20 0	10 13	10 0	15 8	12 0	12 8	19 4	...	..	...
	21	Rajshahye ...	12 0	10 8	16 8	26 4	26 4	24 0	11 4	12 0	15 0	12 0	13 12	16 2	...	...	...
	22	Rungpore ...	8 0	8 0	13 5	...	...	...	9 0	10 0	9 10	11 8	13 0	14 8	...	...	.

* Fall in price due to supply of new rice.
† Prices fallen owing to appearance of new staples in the market.
A In subdivisions retail prices of salt per rupee are :—Culna 10 seers, Cutwa 11¾ seers, and Raneegunge 10 seers.
B Retail price of salt at Bishenpore 10 seers per rupee.
C Retail price of salt at Rampore Hât 10½ seers per rupee.
D In subdivisions retail prices of salt per rupee are :—Contai 10 seers, Tumlook 10 seers, and Ghatal 11 seers.
E In subdivisions retail prices of salt per rupee are :—Serampore (at Bhudressur) 12¼ seers and Jehanabad 11 seers 7 chittacks.
F At Uluberia retail price of salt 10 seers per rupee.
G In subdivisions retail prices of salt per rupee are :—Baraset 10 seers 10 chittacks, Bussirhat (at Baduria) 11½ seers, Diamond Harbour (at Magrahat) 10 seers 10 chittacks, Barrackpore 9 seers 2 chittacks, and Dum-Dum 10 seers.
H In subdivisions retail prices of salt per rupee are :—Kooshtea 10½ seers, Meherpore 9½ seers, Choodanga 10 seers 5 chittacks, and Ranaghat 10 seers.
I In subdivisions retail prices of salt per rupee are :—Satkhira 10½ seers and Bagirhat 8 seers.

Bajra or Cumbu. (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.	Marua or Ragi. (*Eleusine Coracana.*) Present return.	Next preceding return.	Corresponding return of last year.	Kangni or Kakun, Italian millet. (*Setaria italica.*) Present return.	Next preceding return.	Corresponding return of last year.	Gram, Chana, Chhola, Kadalay, or Sunaga. (*Cicer arietinum.*) Present return.	Next preceding return.	Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	...	...	...	...	...	...	20 0	16-13 2½ k	21 0
...	...	...	...	...	...	...	...	...	16 0	16 0	16 0
...	...	...	...	...	...	...	...	...	16 0	16 0	16 8
...	...	...	...	...	...	...	...	...	16 0	18 0	17 0
...	...	...	...	...	...	...	...	...	16 0	16 0	16 0
...	...	...	...	...	...	...	...	...	17 8	17 8	18 12
18 14	12 8	13 9	...	...	...	10 10	10 6	9 6	15 12	15 12	17 10
...	...	...	...	...	...	8 0	8 0	7 8	18 0	18 0	19 0
...	...	...	...	...	...	...	...	...	17 12½	19 6½	21 5½
...	...	...	...	...	...	...	...	...	13 0	16 0	13 0
...	...	...	...	...	...	...	...	...	15 4	16 0	17 0
...	...	...	...	...	...	...	...	...	20 0	20 0	22 0
...	...	...	...	...	...	...	...	...	10 0	12 0	13 0
...	...	...	...	...	...	...	...	...	11 0	11 0	13 0
...	...	...	...	...	...	...	...	...	18 0	13 0	16 0
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	15 8	16 0	16 0
...	...	...	...	...	...	...	...	...	13 0	13 0	12 0
...	...	...	...	...	...	...	...	...	13 0	14 0	15 4
...	...	...	...	...	...	...	...	...	13 0	13 0	14 0
...	...	...	...	...	...	...	...	...	13 13	15 0	18 0
...	...	...	...	...	...	...	...	...	18 12	19 8	21 0
...	...	...	...	...	...	...	...	...	13 0	16 0	13

[...]l on the 15th January, 1892.

[...]S PER MONTH.

Horse-[keeper.] Corresponding return of last year.	Skilled labour—Common mason, Carpenter, Blacksmith. Present return.	Next preceding return.	Corresponding return of last year.	Districts.	Number.	Division
				BENGAL.		
Rs. A.	Rs. A.	Rs. A.	Rs. A.			
6 0	10 0 to 15 0	10 0 to 15 0	10 0 to 15 0	Burdwan.	1	Burdwan Division.
5 0 to 8 0	10 0 to 15 0	10 0 to 15 0	9 0 to 16 0	Baukoora.	2	
6 0	7 8 to 12 0	7 8 to 12 0	10 0 to 12 0	Beerbhoom.	3	
6 0	7 8 to 11 4	7 8 to 10 0	7 8 to 10 0	Midnapore.	4	
6 0 to 7 0	8 0 to 30 0	8 0 to 24 0	8 0 to 30 0	Hooghly.	5	
6 0	12 0 to 25 0	12 0 to 25 0	10 0 to 25 0	Howrah.	6	
6 0	15 0	15 0	15 0	Calcutta.		Presidency Division.
6 0 to 7 0	15 0 to 20 0	15 0 to 20 0	15 0 to 20 0	24-Pergunnahs.	7	
6 0	7 8 to 15 0	7 8 to 15 0	7 8 to 15 0	Nuddea.	8	
7 0 to 8 0	10 0 to 30 0	10 0 to 25 0	12 0 to 25 0	Khoolna.	9	
5 0 to 7 0	10 0 to 20 0	10 0 to 20 0	10 0 to 15 0	Jessore.	10	
5 0	7 8	7 8	10 0 to 20 0	Moorshedabad.	11	
7 0	0	12 0	12 0	Chittagong.	12	Chittagong Division.
5 0 to 8 0	8 0 to 15 0	5 0 to 15 0	10 0 to 15 0	Noakhelly.	13	
5 0 to 8 0	7 8 to 15 0	8 0 to 15 0	8 0 to 15 0	Tipperah.	14	
Do.	20 0 to 25 0	20 0 to 25 0	20 0	Chittagong Hill Tracts.	15	
0 to 0	8 0 to 20 0	8 0 to 20 0	8 0 to 30 0	Dacca.	16	Dacca Division.
0	10 0 to 20 0	15 0 to 25 0	10 0 to 20 0	Furreedpore.	17	
0	14 0	13 8 to 15 0	14 0	Backergunge.	18	
0 to 0	12 0 to 30 0	12 0 to 30 0	12 0 to 30 0	Mymensingh.	19	
0 to 0	10 0 to 15 0	10 0 to 15 0	10 0 to 15 0	Dinagepore.	20	Rajshahye Division.
0 to 0	7 8 to 15 0	7 8 to 16 0	8 0 to 10 0	Rajshahye.	21	
0 to 0	15 0 to 30 0	10 0 to 30 0	10 0 to 20 0	Rungpore.	22	

K In subdivisions retail prices of salt per rupee are :—Jungipore 10½ seers, Lalbagh 11½ seers, and Kandi 11½ seers. ... 10 seers, Narail 9 seers 10 chittacks, and Bongong
L Retail price of salt at Cox's Bazar 8 seers per rupee.
M Retail price of salt at Feni 9 seers per rupee.
N In subdivisions retail prices of salt per rupee are :—Brahmanberia 10 seers and Chandpore 9 seers.
O In subdivisions retail prices of salt per rupee are :—Moonshigunge 10 seers, Naraingunge 11 seers.
P In subdivisions retail prices of salt per rupee are :—Goalundo 10 seers and Madaripore 11½ seers.
Q In subdivisions retail prices of salt per rupee are :—Patuakhali 9 seers, Perozepore 9 seers, and Bhola 8 seers.
R In subdivisions retail prices of salt per rupee are:—Kishoregunge 8 seers, Jamalpore 9 seers, 6 chittacks, Sherpore 8 seers, and Netrokona 8 seers.
S Retail price of salt at Thakurgaon 8 seers per rupee.
T In subdivisions retail prices of salt per rupee are :—Nattore 9 seers and Nowgong 9 seers 9 chittacks.
U In subdivisions retail prices of salt per rupee are :—Kurigram 8 seers, Nilphamari 10 seers, and Gaibanda 10 seers.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the Head-quarters

QUANTITIES PER RUPEE IN

Division	Number.	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Jowar or Cholum. (Sorghum Vulgare.) Present return.	Jowar or Cholum. Next preceding return.	Jowar or Cholum. Corresponding return of last year.
BENGAL—continued.			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Rajshahye Division—contd.	23	Bogra ...	10 8	9 0	15 0	...	...	...	12 0	12 0	12 0	13 8	15 0	16 8	...	...	...
	24	Pubna .	13 2	12 12	18 6	...	..	.	7 2	7 8	7 8	14 4	15 0	16 14	.	...	...
	25	Darjeeling ..	8 0	8 0	9 0	10 0	10 0	10 0	5 0	5 0	5 0	10 0	11 0	14 0	...	...	...
	26	Julpigoree	10 0	10 0	13 0	14 0	14 0	16 0	7 0	8 0	8 0	10 0	11 0	18 0	...	...	...
BEHAR.																	
Bhagulpore Division.	27	Monghyr ...	13 0	13 10½	15 3	20 8	20 0	...	9 8	10 8	13 2	12 0	12 10	17 13	...	...	...
	28	Bhagulpore ...	12 10	13 14	15 2	22 11	22 11	20 3	10 1 11 6	10 11 11 6	12 10 15 2	Old. 11 6 New. 12 0	12 0 12 10	16 6 18 15	...	...	...
	29	Purneah ...	11 0	11 0	16 0	20 0	10 0	..	10 0	9 8	18 0	11 0	11 0	19 0	...	...	...
	30	Maldah ...	11 0	12 0	15 0	...	...	..	10 0	10 0	13 0	13 0	13 0	17 0	...	...	...
	31	Sonthal Perghs.	10 0	11 0	14 0	...	...	.	12 0	1 0	13 0	14 0	15 0	18 0	...	..	...
Patna Division.	32	Patna ...	16 0 14 0	Red. 16 0 White. 14 0	17 4 13 8	25 0	26 0	23 8	11 8	11 8	11 0	16 0	17 8	17 0	19 0	21 0	19 8
	33	Gya ...	12 8	12 8	15 0	23 0	24 0	21 0	10 8	10 8	10 0	14 0	14 0	18 8	...	...	...
	34	Shahabad ...	13 8	13 8	14 8	20 0	20 0	25 0	8 0	9 0	9 0	14 0	15 0	16 0	...	...	...
	35	Durbhunga ...	14 4	14 4	13 8	22 0	22 0	22 0	11 0	11 0	13 0	14 0	13 3	17 0	...	...	...
	36	Mosufferpore	12 0	12 0	16 0	20 0	24 0	20 0	11 0	11 0	15 0	13 0	13 0	17 0	...	...	...
	37	Sarun ...	12 12	12 12	14 8	25 8	26 0	20 8	8 8	8 8	8 8	13 2	13 9	15 0	...	...	...
	38	Chumparun ...	12 0	12 0	16 0	20 8	21 0	23 0	7 4	9 0	9 0	14 0	16 8	18 0	...	...	...
ORISSA.																	
Orissa Division.	39	Cuttack ...	9 2	8 8	13 2	...	...	...	10 8	10 8	10 8	13 2	13 2	18 6	...	...	...
	40	Pooree ...	8 8	8 8	13 2	...	...	...	11 13	11 13	14 7	15 12	15 12	21 0	...	...	...
	41	Balasore ...	11 0	11 0	15 0	10 0	10 0	13 0	12 0	13 0	13 0	17 0	17 0	21 0	..	...	...
CHOTA NAGPORE.																	
Chota Nagpore Division.	42	Hazaribagh ...	12 0	11 0	14 0	17 0	16 0	17 0	8 0	8 0	10 0	13 8	13 8	17 0	...	...	...
	43	Lohardugga ...	11 4 8 10	Red. 10 8 White. 8 4	11 12 8 0	13 0	14 0	..	11 8	12 0	13 8	Ordinary. 14 0 Coarse. 16 0	14 0 16 0	16 0 18 0	...	...	...
	44	Palamow ...	12 15	13 8	18 0	...	...	23 10	10 2	10 11	11 4	14 10	15 3	18 9	...	...	...
	45	Singbhoom ...	15 0	15 0	16 0	16 0	16 0	21 0	16 0	16 0	14 0	20 0	20 0	20 0	...	...	...
	46	Manbhoom	11 0	11 0	13 0	...	...	...	13 8	14 0	14 0	17 0	18 0	22 0	...	...	...

V Retail price of salt at Serajgunge 11½ seers per rupee.
W Retail price of salt at Kursoong and Silliguri 8 seers per rupee.
X Retail price of salt at Falacutta in Alipore subdivision 8½ seers per rupee.
Y In subdivisions retail prices of salt per rupee are :—Beguserai 9½ seers and Jamui 10 seers.
Z In subdivisions retail prices of salt per rupee are :—Banka (Amarpur) 10 seers, Mudehpura 10 seers, and Supool 10 seers.
a In subdivisions retail prices of salt per rupee are :—Kishengunge 8 seers and Arrareah 10 seers.
b In subdivisions retail prices of salt per rupee are :—Pakour 10½ seers, Rajmehal 11½ seers, Godda 9 seers, and Deoghur 10 seers 10 chittacks.

CALCUTTA,
The 19th January, 1892.

SEERS OF 80 TOLAHS.

Bajra or Cumbu. (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.	Marua or Ragi. (*Eleusine Coracana.*) Present return.	Next preceding return.	Corresponding return of last year.	Kangni or Kakun, Italian millet. (*Setaria italica.*) Present return.	Next preceding return.	Corresponding return of last year.	Gram, Chana, Chhola, Kadalay or Sunaga. (*Cicer arietinum.*) Present return.	Next preceding return.	Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	...	...	...	...	...	...	13 8	10 14	12 0
...	...	...	...	...	...	...	...	...	17 4	17 4	18 0
...	...	...	13 0	13 0	15 0	...	...	...	11 0	11 0	11 0
...	...	...	...	...	...	...	...	...	13 0	13 0	15 0
...	...	...	...	...	...	...	...	15 12	20 0	20 0	21 0
...	...	...	...	...	...	...	...	...	20 3	20 3	18 15
...	...	...	...	...	...	...	...	...	16 0	15 0	14 0
...	...	...	...	...	...	...	...	...	18 0	18 0	16 0
...	...	...	...	...	...	...	...	...	16 0	17 0	16 0
...	...	...	25 0	25 0	...	20 0	21 0	16 0	22 0	22 0	19 0
...	...	...	...	...	...	16 0	16 4	15 0	20 0	20 0	19 0
...	...	...	...	...	...	...	...	...	20 0	20 0	17 0
...	...	...	19 12	19 12	25 0	...	...	...	18 11	20 14	17 8
...	...	...	...	...	22 8	...	...	...	17 0	19 0	18 0
...	16 0	...	22 0	23 8	23 0	15 8	16 0	12 0	21 0	21 0	17 0
...	...	...	23 0	24 0	29 0	...	...	...	19 0	19 0	18 0
...	...	...	...	...	...	...	...	...	15 0	(Kalai.) 13 7	17
...	...	...	...	...	...	...	...	...	12 6	(Kalai.) 13 2	14 7
...	...	...	...	...	...	...	...	...	14 0	14 0	14 0
...	...	...	22 0	21 0	26 0	...	...	...	17 0	17 0	17 0
...	...	...	29 0	25 0	34 0	...	...	...	16 0	16 8	15 0
...	...	...	...	...	...	...	...	...	15 0	15 0	16 0
...	...	...	...	...	...	...	...	...	15 0	15 0	16 0
...	...	...	...	...	...	...	...	...	16 14	16 14	20 4

'y, 1892—(concluded).

MONTH.

Skilled labour—Common mason, carpenter, blacksmith. Present return.	Next preceding return.	Corresponding return of last year.	Districts.	Number.	
Rs. A.	Rs. A.	Rs. A.	**BENGAL—continued.**		
10 0 to 20 0	10 0 to 20 0	10 0 to 20 0	Bogra.	23	Rajshahye Division—concld.
7 0 to 20 0	7 0 to 20 0	7 0 to 20 0	Pubna.	24	
15 0 to 25 0	15 0 to 20 0	15 0 to 30 0	Darjeeling.	[illegible]	
15 0 to 20 0	15 0 to 20 0	15 0 to 20 0	Julpigoree.	[illegible]	
7 8 to [illegible] 0	[illegible] 11 to 15 0	7 8 to 15 0	Monghyr.	[illegible]	Bhagulpore Division.
7 8 to [illegible] 0	10 0 to 15 0	7 8 to 11 1	Bhagulpore.	[illegible]	
8 0 to [illegible] 0	7 0 to [illegible] 0	7 0 to 15 0	Purneah.	[illegible]	
8 0 to [illegible] 2 0	9 0 to 11 0	8 0 to 12 0	Maldah.	[illegible]	
7 [illegible] to 15 0	7 [illegible] to 5 0	7 8 to [illegible]	Sonthal Pergunnahs.	[illegible]	
7 0 to 8 0	7 0 to 8 0	7 0 to 8 0	Patna.	[illegible]	Patna Division.
5 [illegible] to 8 0	6 0 to [illegible] 0	6 [illegible] to [illegible] 0	Gya.	[illegible]	
3 0 to [illegible] 0	[illegible] 0 to 10 0	[illegible] 0 to 10 0	Shahabad.	[illegible]	
3 [illegible] to 9 6	[illegible] 12 to 9 6	[illegible] to [illegible] 6	Durbhunga.	35	
3 12 to [illegible] 6	3 10 to 11 4	5 0 to 10 0	Mozufferpore.	[illegible]	
[illegible] to [illegible] 0	[illegible] to 10 0	6 [illegible] to 10 0	Sarun.	37	
[illegible] 0 to [illegible] 0	5 [illegible] to 8 0	[illegible] 0 to 6 0	Chumparun.	[illegible]	
			ORISSA		
7 8 to 9 6	7 8 to 9 6	7 8 to 9 6	Cuttack.	39	Orissa Division.
9 0 to 10 0	6 0 to 7 0	7 8 to 11 1	Pooree.	40	
[illegible] 0 to [illegible] 0	7 0 to 10 0	7 0 to 10 0	Balasore	41	
			CHOTA NAGPORE.		
[illegible] 8	8 0	7 8	Hazaribagh.	42	Chota Nagpore Division.
10 0 to 1 [illegible]	5 [illegible] to 11 [illegible]	[illegible] 11 to 12 1	Lohardugga.	43	
[illegible]	[illegible]	[illegible]	Palamow.	44	
[illegible]	12 0	[illegible] 2 0	Singbhoom.	[illegible]	
1 6 to [illegible] 5	9 0 to 15 0	1 8 to [illegible]	Manbhoom.	[illegible]	

[illegible] seers, and Dinapore 9 seers 15½ chittacks.
[illegible] ers, and Bihar 10½ seers.

[illegible] In subdivisions retail prices of salt per rupee are [illegible] 10½ seers.
f In subdivisions retail prices of salt per rupee are:—Sewan 11½ seers and Gopalgunge 10 seers 1½ chittacks
g In subdivisions retail prices of salt per rupee are:—Jajpore 8 seers, Kendrapara 10 seers, and Banki 12 seers
h At Khoorda retail price of salt 11 seers per rupee.
i At Bhuddruck retail price of salt 9 seers per rupee.
j In Giridi subdivision (at Whitty Bazar) retail price of salt 10¼ seers per rupee.
k At Govindpore retail price of salt 10½ seers per rupee.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (*wholesale*) *of Food-grains, Firewood, and Sal*

Number.	MARTS.	Wheat.			Barley.			Rice, best sort.			Rice, common.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 6 4	3 5 0	2 13 6	1 12 0	1 13 9	1 15 7	4 5 4	4 7 9	3 12 1	2 14 4	2 15 6	2 7 8
2	Serajgunge	3 12 0	3 6 0	2 6 0	...	...	...	5 4 0	5 0 0	4 12 0	3 9 0	2 15 0	2 8 0
3	Dacca ...	3 12 0	3 12 0	3 4 0	1 8 0	1 8 0	2 12 0	3 5 0	3 5 0	2 10 0	2 8 0	2 13 0	2 4 0
4	Naraingunge	...	...	...	...	...	...	2 10 0	2 10 0	2 12 0	2 8 0	2 6 0	2 8 0
5	Chittagong	4 0 0	4 0 0	3 4 0	...	...	...	4 8 0	4 0 0	3 4 0	3 0 0	3 0 0	2 5 0
6	Patna ...	2 8 0 2 13 6	Red. 2 8 0 White. 2 13 6	2 5 0 2 15 4	1 9 6	1 10 6	1 10 9	3 8 0	3 8 0	3 8 0	2 8 0	2 4 9	2 5 9
7	Balasore ...	3 12 0	3 12 0	2 8 0	3 12 0	3 12 0	3 0 0	2 14 0	3 0 0	3 0 0	2 6 0	2 6 0	1 14 [illegible]
8	Pooree ...	4 11 0	4 14 0	...	...	...	...	4 9 0	4 9 0	...	2 8 6	2 8 6	1 14 3
9	Cuttack ...	4 4 0	4 10 0	3 0 0	...	...	...	3 10 0	3 10 0	3 10 0	3 0 0	3 0 0	2 0 0

CALCUTTA,
The 19*th January*, 1892.

in the undermentioned Marts of Bengal on the 15*th January*, 1892.

Gram, Chana, Chhola, Kadalay or Sunaga. (*Cicer Arietinum.*)			Indian-corn or Maize. (*Zea Mays.*)			Arhar or Thur, Cadjan Pea. (*Cajanus indicus.*)			Firewood.			Salt.			Marts.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
2 4 7	2 4 5	2 0 5	2 2 7	2 1 7	1 14 0	2 6 3	2 8 7	2 7 2	0 5 9	0 5 9	0 5 6	3 4 3	3 4 7	3 7 0	Calcutta.
2 13 0	2 10 0	2 6 0	...	...	...	...	...	...	0 6 6	0 6 3	0 7 1	3 7 0	3 7 0	3 9 0	Serajgunge.
2 10 0	2 8 0	2 8 0	...	...	...	2 10 0	2 12 0	2 12 0	0 5 0	0 5 0	0 5 0	3 8 0	3 12 0	4 0 0	Dacca.
3 8 0	3 8 0	3 4 0	...	...	...	3 8 0	3 8 0	3 12 0	0 8 0	0 8 0	0 8 0	3 6 0	3 6 0	3 10 0	Naraingunge.
3 8 0	3 5 0	2 14 0	...	...	...	...	...	...	0 5 0	0 5 0	0 5 4	3 8 0	3 8 0	3 10 0	Chittagong.
1 13 0	1 13 3	2 1 0	1 11 6	1 10 6	1 14 0	2 2 6	2 1 6	...	0 5 4	0 5 4	0 5 0	3 8 0	3 8 0	3 11 0	Patna.
2 12 0	2 12 0	2 12 0	...	...	...	...	...	...	0 5 0	0 5 0	0 4 6	3 12 0	3 12 0	3 14 0	Balasore.
(Kalai.) 3 5 0	2 14 0	...	...	...	...	2 10 0	2 8 0	...	0 8 0	0 8 0	...	3 6 0	3 6 0	3 12 0	Pooree.
2 10 0	(Kalai.) 2 14 0	2 2 0	...	...	...	2 8 0	2 4 0	2 0 0	0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 12 0	Cuttack.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of

Meteorological Division	District	Representative stations	Air Pressure: Highest, 8 A.M., barometer reading of month	Lowest, 8 A.M., barometer reading of month	Mean, 8 A.M., for month	Mean reduced to sea-level & to Lat 45°	Variation from normal mean	Temperature: Highest of month	Lowest of month	Mean daily maximum temperature	Mean daily minimum temperature	Mean daily temperature	Variation from normal mean	Humidity: Mean, 8 A.M., humidity	Variation from normal mean	Cloud: Mean cloud amount, 8 A.M.	Variation from normal mean, 8 A.M.	Rainfall
Orissa	Pooree	Pooree †	30.218	29.994	30.097	30.046	—	81.7	55.6	81.6	63.1	72.4	—	69	—	2.3	—	Nil
		Gopalpore	30.211	30.004	30.097	30.058	+.051	84.7	52.0	81.2	61.1	71.2	+1.0	76	—	0.7	—	0.04
		False Point	30.2 6	30.002	30.094	30.058	+.031	81.4	51.0	7[illegible].9	6[illegible].3	69.2	+2.1	80	−1	2.8	+0.3	Nil
	Cuttack	Cuttack	30.151	29.961	30.047	30.074	+.018	85.3	50.9	82.0	59.0	70.5	+0.5	70	−2	2.6	+0.8	Nil
	Balasore	Balasore	30.173	29.981	30.067	30.072	+.036	83.4	46.4	80.4	55.1	67.8	+2.1	78	—	0.3	—	Nil
South-West Bengal	South-West Midnapore and South 24-Pergunnahs	Saugor Island	30.201	30.097	30.093	30.063	+.038	81.7	52.8	77.7	59.0	68.4	+1.1	86	+2	2.8	+0.2	Nil
	Midnapore	Midnapore	30.075	29.885	29.975	30.079	+.034	84.3	47.1	80.7	55.7	68.3	+1.7	66	—	1.0	—	Nil
	24-Pergunnahs, Howrah, and Hooghly	Calcutta	30.211	30.003	30.105	30.073	+.041	81.2	50.7	78.2	56.6	67.5	+1.4	75	−4	1.1	−0.9	Nil
	Burdwan	Burdwan	30.146	29.93[illegible]	30.046	30.093	+.049	8[illegible].1	49.5	79.9	56.1	68.0	+1.4	63	+8	2.3	+0.3	Nil
	Bankoora	Bankoora	29.960[illegible]	29.703§	29.800§	30.068§	+.032§	82.6	47.8	79.0	54.7	66.9	+1.0	75	—	1.3	—	Nil
	West Burdwan … Beerbhoom	Raneegunge ‡	29.904	29.679	29.792‡	30.110	+.078	8[illegible].1‡	48.2‡	79.8‡	54.1‡	67.1‡	+1.4‡	72	—	1.3	—	Nil
	Moorshedabad	Berhampore	30.160	29.974	30.058	30.076	+.037	80.6	53.2	78.1	57.3	67.7	+1.9	87	+8	1.8	+0.2	Nil
	Nuddea	Krishnagore	30.177	29.976	30.074	30.073	+.016	82.3	48.3	79.4	54.0	66.7	+1.0	79	—	2.2	—	Nil
	Jessore and Khoolna	Jessore	30.181	29.967	30.079	30.061	+.078	82.2	50.5	79.0	56.1	6[illegible].6	+1.1	84	+8	2.2	+0.2	Nil
East Bengal	Chittagong	Chittagong	30.094	29.959	30.009	30.047	+.016	85.7	53.6	82.1	59.2	70.7	+2.7	87	0	3.8	+1.5	0.34
	Chittagong Hill Tracts	Domagri				Observations not received.												
	Backergunge	Barrisal	30.181	30.003	30.081	30.047	+.051	81.9	50.1	78.4	56.6	67.5	+1.5	87	—	1.1	—	Nil
	Noakholly	Noakholly	30.162	29.955	30.0[illegible]7	30.049	+.049	84.5	48.0	81.4	5[illegible].6	68.0	+1.9	85	—	0	—	0.06
	Furreedpore	Furreedpore	30.161	29.980	30.077	30.036	+.053	80.0	49.5	75.2	55.9	65.6	+0.[illegible]	89	—	1.3	—	Nil
	Dacca	Dacca	30.168	29.987	30.080	30.051	+.030	83.1	52.3	8[illegible].4	57.3	68.8	+1.0	85	+6	2.5	+1.2	Nil
	Commillah	Commillah	30.159	29.976	30.071	30.058	+.019	8[illegible].9	[illegible]0.1	81.0	55.8	67.9	+1.8	88	—	1.6	…	Nil
	Mymensingh	Mymensingh	30.130	29.958	30.05[illegible]	30.0[illegible]2	+.018	80.6	49.8	7[illegible].1	55.2	6[illegible].7	+1.9	90	—	1.9	—	Nil
North Bengal	Bogra	Bogra †	30.111	29.910	30.032	30.049	+.057	81.3	40.2	73.0	54.2	6[illegible].1	+0.8	[illegible]3	—	0	—	Nil
	Pubna	Serajgunge	30.145	29.959	30.069	30.058	+.030	8[illegible].2	47.7	7[illegible].6	54.[illegible]	6[illegible].1	+1.2	89	—	1.3	—	Nil
	Rajshahye	Rampore Beauleah	30.141	29.954	30.045	30.067	+.052	[illegible]1.8	50.5	[illegible].9	[illegible]5.1	63.5	+2.0	80	—	0.9	—	Nil
	Maldah	Maldah	30.156§	29.98[illegible]§	30.06[illegible]§	30.10[illegible]§	—	8[illegible].8	[illegible]	[illegible]9.[illegible]	54.[illegible]	67.[illegible]	—	82	—	0.3	—	Nil
	Dinagepore	Dinagepore	30.095	29.887	30.001	30.093	+.037	8[illegible]	45.0	79.4	51.0	6[illegible].2	+1.6	83	—	0.7	—	Nil
	Rungpore	Rungpore	30.087	29.882	30.006	30.091	+.012	81.6	[illegible]	[illegible]	52.2	6[illegible].3	+1.9	89	—	0.1	—	Nil
	Julpigoree and Cooch Behar	Julpigoree	29.998	29.695	29.831	30.088	+.013	80.4	4[illegible]	[illegible]5.0	52.[illegible]	6[illegible].2	+1.7	86	—	0	—	Nil
	Darjeeling Hill Tracts	Darjeeling	23.132	22.[illegible]32	23.064	—	+.037	57.[illegible]	[illegible].3	[illegible]	[illegible]	44.1	+1.2	74	0	1.9	−1.2	Nil
North Behar	Purneah and North Bhagulpore	Purneah	30.106	29.884	30.016	30.0[illegible]8	+.0[illegible]3	8[illegible]3	48.3	78.7	4[illegible].8	6[illegible].3	+[illegible].2	89	+5	0.4	−0.6	Nil
	Mozufferpore	Mozufferpore *	30.062	29.816	29.953	30.097	—	81.[illegible]	[illegible]	[illegible]	49.7	6[illegible].5*	…	92	—	0.2	—	Nil
	Durbhunga	Durbhunga	30.121	29.850	29.938	30.119	+.067	85.1	47.5	7[illegible].3	52.7	65.6	+0.9	84	−1	0.3	−0.6	Nil
	Champarun	Motihari	29.198	29.751	29.897	30.104	+.051	81.2	44.0	77.[illegible]	4[illegible].6	62.2	+1.3	90	—	0.4	—	Nil
	Sarun	Chupra	30.022‡	29.818‡	29.962‡	30.108‡	+.08[illegible]‡	81.5	43.3	[illegible]6.0	52.0	6[illegible].5	+2.5	87	—	0	—	Nil
South Behar	Shahabad	Dehree	29.9[illegible]5	29.[illegible]8	29.797	30.12[illegible]	+.0[illegible]2	8[illegible].3	4[illegible]	76.[illegible]	[illegible]2.7	64.5	+2.3	76	—	0.3	—	Nil
		Buxar	30.025	[illegible].779	29.[illegible]17	30.1[illegible]6	+.0[illegible]	8[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1.3	71	—	0.[illegible]	—	Nil
		Arrah	30.063	29.812	29.95[illegible]	30.108	+.0[illegible]1	8[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84	—	0.6	—	Nil
	Gya	Gya	29.86[illegible]	29.629	29.7[illegible]8	30.131	+.055*	81.0	45.9	76.5	51.4	64.0	+0.7	72	+8	2.3	+0.6	Nil
	Patna	Bankipore	30.0[illegible]4	29.[illegible]47	29.9[illegible]0	30.116	+.0[illegible]1	8[illegible]	4[illegible].4	7[illegible]	[illegible]	63.4	+0.9	71	−5	0.5	−1.2	Nil
	South Bhagulpore and Monghyr	Bhagulpore	30.0[illegible]	29.[illegible]	29.97[illegible]	30.0[illegible]	+.0[illegible]8	81.8	44.3	78.[illegible]	5[illegible].3	64.7	+2.4	76	—	0.5	—	Nil
	Sonthal Pergunnahs	Naya Doomka	29.712	29.503	29.617	30.097	+.0[illegible]	81.1	44.5	7[illegible].0	5[illegible].6	65.1	+2.0	74	—	0	—	Nil
Chota Nagpur	Hazaribagh	Hazaribagh	2[illegible].1[illegible]3	27.948	28.06[illegible]	30.109	+.042	7[illegible]	45.3	73.[illegible]	5[illegible].5	61.9	+1.1	67	+1	1.6	−0.3	Nil
	Lohardugga … Manbhoom	Ranchee	28.065	27.828	27.937	30.0[illegible]6	+.049	7[illegible]	43.5	7[illegible].2	50.2	61.7	+1.7	67	—	1.8	—	Nil
	Singbhoom	Chyebassa	29.480	29.265	29.350	30.100	+.071	82.[illegible]	44.9	73.5	51.8	65.2	+0.8	60	—	1.1	—	Nil
Assam	Sibsagar	Sibsagar ‖	29.896	29.742	29.818	30.131	+.013	76.3	44.1	73.6	[illegible]8.7	61.2	0	100	+3	3.2	−1.1	Nil
	Goalpara	Dhubri	30.088	29.88[illegible]	30.007	30.063	+.0[illegible]4	7[illegible].3	52.1	[illegible]5.[illegible]	[illegible]3.4	6[illegible].7	+0.3	80	+1	0.[illegible]	−0.5	Nil
	Cachar	Silchar	30.096	29.910	30.004	30.0[illegible]	+.02[illegible]	8[illegible]	47.3	83.1	55.5	69.3	+2.0	87	+2	5.3	+1.7	Nil

* Mean of 24 days. | † Mean of 28 days. | ‡ Mean of 29 days. | § Mean of 30 days.

Bengal for the month of December 1891.

DISTRICT OBSERVATIONS.												
RAINFALL.										Representative stations.	DISTRICT.	METEOROLOGICAL DIVISION.
Of month.					Since 16th October 1891.							
Mean of district.	Normal mean.	Variation from mean.	Number of rainy days.	Normal mean number of rainy days.	Mean of district.	Normal mean.	Variation.	Mean number of rainy days.	Normal mean number of rainy days.			
Nil	0·79	—0·79	0·00	1·04	8 34	6·76	+1·58	3·00	7·22	Pooree ... Gopalpore ... False Point ...	Pooree	ORISSA.
Nil	0·54	—0·54	0·00	0·88	7·69	4·24	+3·45	2·80	5·76	Cuttack ...	Cuttack	
Nil	0·30	—0·30	0·00	0·51	3·99	2·90	+1·09	3·17	4·35	Balasore ...	Balasore	
Nil	0·35	—0·35	0·00	0·60	2·54	4·68	—2·14	1·66	4·63	Saugor Island .	South-West Midnapore and South 24-Pergunnahs.	SOUTH-WEST BENGAL.
Nil	0·31	—0·31	0·00	0·43	0·28	2·09	—1·81	1·00	2·60	Midnapore ...	Midnapore	
Nil	0·30	—0·30	0·00	0·50	0·46	2·23	—1·77	1·40	3·25	Calcutta ...	24-Pergunnahs, Howrah, and Hooghly.	
Nil	0·19	—0·19	0·00	0·25	0·55	2·16	—1·61	1·33	2·55	Burdwan ...	Burdwan	
Nil	0·27	—0 27	0 00	0·42	0·56	2·08	—1·52	2·00	2·96	Bankoora ...	Bankoora	
Nil	0·15	—0·15	0·00	0·39	1·35	1·57	—0·22	2·00	2·59	Ranigunge ...	West Burdwan and Beerbhoom.	
Nil	0·17	—0·17	0·00	0·35	1·34	1·72	—0 38	1·83	2·21	Berhampore ...	Moorshedabad	
Nil	0·18	—0·18	0·00	0·26	0·75	2·04	—1 29	1·20	2·76	Krishnagore ...	Nuddea	
Nil	0·27	—0·27	0·00	0·39	1 85	2·52	—0·67	2·62	3·43	Jessore ...	Jessore and Khoolna ...	
0·20	0·54	—0 34	1·00	0·78	3·00	5·17	—2 17	6·00	5·34	Chittagong ...	Chittagong	EAST BENGAL.
Nil	0·56	—0·56	0·00	0·90	3·33	4·59	—1·26	7·00	5·45	Demagri ...	Chittagong Hill Tracts	
Nil	0 40	—0·40	0·00	0·55	1·34	3·70	—2·36	3·00	4·19	Barrisal ..	Backergunge	
0·03	0·75	—0·72	0·00	0·65	2·43	5·06	—2·63	3·50	4·85	Noakholly ..	Noakholly	
Nil	0·14	—0·14	0·00	0·32	1·94	2·18	—0·24	2·33	3·33	Furreedpore ...	Furreedpore	
Nil	0·24	—0·24	0·00	0·48	2·47	2·71	—0·24	2·75	3·78	Dacca ...	Dacca	
Nil	0·37	—0·37	0·00	0·57	5·67	2 71	+2·96	3 75	4·00	Commillah ...	Tipperah	
Nil	0·21	—0 21	0·00	0·36	1·91	2·42	—0·51	2·60	3·07	Mymensingh ...	Mymensingh	
Nil	0·17	—0·17	0·00	0·39	2·34	2·06	+0·28	2·50	2·12	Bogra ...	Bogra	NORTH BENGAL.
Nil	0·14	—0·14	0·00	0·38	1·05	2·24	—1·19	2·50	3 19	Serajgunge ...	Pubna	
Nil	0·13	—0·13	0 00	0·28	1·22	1·46	—0·24	1 67	2·07	Rampore Beauleah.	Rajshahye	
Nil	0·13	—0·13	0·00	0·30	0·14	1·47	—1·33	0·50	1·49	Maldah ...	Maldah	
Nil	0·17	—0·17	0·00	0·30	0·19	1·18	—0·99	0·60	1·38	Dinagepore ...	Dinagepore	
Nil	0·16	—0·16	0·00	0·33	0·17	1·87	—1·70	0·50	1·65	Rungpore ...	Rungpore	
Nil	0·15	—0·15	0 00	0·37	Nil	2·03	—2·03	0·00	2·14	Julpigoree ...	Julpigoree and Cooch Behar.	
Nil	0·29	—0·29	0·00	0·74	0·71	2·87	—2·16	1·00	2·99	Darjeeling ...	Darjeeling Hill Tracts.	
Nil	0·12	—0·12	0·00	0·36	Nil	1·45	—1·45	0·00	1·37	Purneah ...	Purneah and North Bhagulpore.	NORTH BEHAR.
Nil	0 12	—0·12	0·00	0·34	0·06	1·08	—1·02	0·00	1·43	Mozufferpore ...	Mozufferpore	
Nil	0·11	—0 11	0·00	0·32	Nil	0·96	—0·96	0·00	1·21	Durbhunga ...	Durbhunga	
Nil	0·21	—0·21	0·00	0·49	Nil	0 53	—0·53	0·00	1·01	Motihari ...	Chumparun	
Nil	0·17	—0·17	0·00	0·38	0·05	1·03	—0·98	0·00	1·44	Chupra ...	Sarun	
Nil	0·33	—0·33	0·00	0·44	0·04	1·60	—1·56	0·20	2·01	Dehree ... Buxar ... Arrah ...	Shahabad	SOUTH BEHAR.
Nil	0·26	—0·26	0·00	0·36	0 20	1·17	—0·97	0·50	1·76	Gya ...	Gya	
Nil	0·16	—0·16	0·00	0·33	0·13	1·45	—1·32	0·50	1·74	Bankipore ...	Patna	
Nil	0·10	—0·10	0·00	0·29	0·07	1·39	—1·32	0·40	1·69	Bhagulpore ...	South Bhagulpore and Monghyr.	
Nil	0·14	—0·14	0·00	0·30	0·49	1·47	—0·98	1·00	1·93	Naya Doomka...	Sonthal Pergunnahs ...	
Nil	0·28	—0·28	0·00	0·41	0·15	1·26	—1·11	0·20	2·41	Hazaribagh ...	Hazaribagh	CHUTIA NAGPUR.
Nil	0·37	—0·37	0·00	0·53	0·18	1·65	—1·47	0 66	2·87	Ranchee ...	Lohardugga	
All	0·21	—0·21	0·00	0·40	0·46	1·39	—0·93	1·50	2 34		Manbhoom	
Nil	0·37	—0·37	0·00	0·70	0·54	1·87	—1·33	1·00	3·65	Chyebassa ...	Singbhoom	
										Sibsagar... ... Dhubri ... ... Silchar	Assam	ASSAM.

Table of Rainfall recorded at stations

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ORISSA ...	Pooree ...	Pooree ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khurdah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		False Point ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gop ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Satpara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pipli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cuttack ...	Jagatsingpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banki ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Cuttack ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kendrapara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jajpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dharmsalla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Salipore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Balasore ...	Akhyapada ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chandbali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhuddruck ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sorah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Balasore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jellasore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Baripodah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SOUTH-WEST BENGAL.	Midnapore ...	Contai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Saugor Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tumlook ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Midnapore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ghatal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kukrahaty ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Garbeta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	24 Pergunnahs	Diamond Harbour.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Canning Town	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Alipore Jail ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barrackpore...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dum-Dum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Baraset ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Busserhat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Howrah ...	Howrah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mohesreka ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*Oolooberiah*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hooghly ...	Serampore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hooghly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jehanabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Burdwan ...	Culna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Burdwan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Cutwa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raneegunge ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mankur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bankoora ...	Bankoora ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bishenpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Maliara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khatra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Indas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kotalpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Anda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gangajalghati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raipore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sonamukhi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Beerbhoom ...	Bh. Soory ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hetampore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rampore Haut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bolpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Murarai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nuddea ...	Ranaghat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kishnaghur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chooadanga ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Meherpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kooshtea	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khoolna ...	Satkhira ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bagirhat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khoolna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nakipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rampal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore ...	Narail ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhenidah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Magoorah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bongong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Moorshedabad	Kandi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Berhampore...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lalbagh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Azimgunge ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jungipore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lalgola	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Akhriganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Patkabari ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
EAST BENGAL	Chittagong ...	Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	0·02	...	...	...	...
		Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	0·15	...
		Kutubdia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·25	...	...	...	...
		Satkanya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...
	Chittagong Hill Tracts.	Rangamati ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bandarban ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

n Bengal in December 1891.

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 16th October 1891 to 31st December 1891.	Average rainfall from 16th October to 31st December.	Station.	District.	Meteorological division.
...	...	...	...	...	...	...	...	...	...	...	Nil	0·90	Nil	0·68	Nil	15·91	7·52	Pooree ...	Pooree	ORISSA.
...	...	...	...	...	...	...	...	...	...	...	Nil	0·90	Nil	0·63	Nil	3·74	5·13	Khurdah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·45	Nil	1·18	Nil	1·77	6·86	Banpur.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·90	Nil	0·78	Nil	12·25	7·43	False Point.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	*Gop.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	4·10	?	*Satpara.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·98	?	*Pipli.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·61	Nil	0·30	Nil	12·47	4·35	Jagatsingpore.	Cuttack.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·28	Nil	0·76	Nil	1·17	4·78	Banki.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·80	Nil	0·31	Nil	4·87	4·28	Cuttack.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·80	Nil	0·48	Nil	16·72	4·42	Kendrapara.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·90	Nil	0·71	Nil	3·24	3·46	Jajpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	5·36	?	*Dharmsala.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	8·20	?	*Salipore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	4·74	?	Akhyapada	Balasore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·76	Nil	0·62	Nil	11·05	4·28	Chandbali.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·55	Nil	0·38	Nil	5·85	3·23	Bhuddruck.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·20	Nil	0·14	Nil	3·93	2·77	Sorah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·70	Nil	0·37	Nil	2·47	3·75	Balasore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·29	Nil	0·11	Nil	0·82	1·45	Jellasore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·45	Nil	0·20	Nil	0·35	2·13	Baripodah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·55	Nil	0·40	Nil	2·49	5·65	Contai	Midnapore ..	SOUTH-WEST BENGAL.
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...	...	...	...	...	...	...	...	...	...	...	Nil	0·40	Nil	0·37	Nil	0·18	2·49	Midnapore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·29	Nil	0·33	0·92	Ghatal.		
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...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·19	?	*Garbeta.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·45	Nil	0·28	Nil	0·70	2·87	Diamond Harbour.	24-Pergunnahs	
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·34	?	*Canning Town.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·60	Nil	0·35	Nil	0·43	2·64	Alipore Jail.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·45	Nil	0·30	Nil	0·28	2·14	Barrackpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·60	Nil	0·32	Nil	0·19	2·28	Dum-Dum.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·31	Nil	0·56	2·51	Baraset.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·40	Nil	0·23	Nil	1·28	2·42	Buseerhat.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·55	Nil	0·32	Nil	0·29	2·53	Howrah	Howra	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·60	Nil	0·32	Nil	0·41	1·70	Mohesreka		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·36	?	(*Oolooberiah*)		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·47	Nil	0·29	Nil	0·49	2·10	Serampore ...	Hooghly.	
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...	...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·22	Nil	0·69	2·21	Bankoora	Bankoora.	
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...	...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·42	Nil	0·59	2·45	Khatra.		
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...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·82	?	*Raipore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·51	?	*Sonamukhi.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·40	Nil	0·15	Nil	1·45	1·93	Bh. Soory	Beerbhoom.	
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...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·50	?	*Murarai.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·25	Nil	0·23	Nil	0·60	2·03	Rangahat ...	Nuddea.	
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...	...	...	...	...	...	...	...	...	...	...	Nil	0·32	Nil	0·24	Nil	2·13	2·44	Narai	Jessore.	
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...	...	...	...	...	...	...	...	...	...	...	Nil	0·33	Nil	0·27	Nil	1·20	1·63	Kandi ...	Moorshedabad.	
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...	...	...	...	...	...	...	...	...	...	...	Nil	0·28	Nil	0·13	Nil	1·86	1·58	Azimgunge.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·39	Nil	0·14	Nil	1·43	1·70	Jungipore.		
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...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·63	?	*Akhrigunj.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·10	?	*Patkabari.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·75	0·04	0·38	0·02	4·01	6·30	Cox's Bazar .	Chittagong ..	EAST BENGAL
0·16	...	...	...	...	...	...	...	...	...	...	2	0·80	0·35	0·70	0·16	1·98	4·02	Chittagong.		
...	...	...	...	...	...	...	...	...	...	...	1	?	0·25	?	0·25	3·81	?	*Kutubdia.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	0·03	?	0·03	3·78	?	*Satkanya.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·90	Nil	0·56	Nil	3·38	4·69	Rangamati ..	Chittagong Hill Tracts.	
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	3·04	?	*Bandarban* ...		

Table of Rainfall recorded at Stations

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST BENGAL—concld.	Backergunge ...	Patuakhally ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Perozepore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Burrisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhola ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gournaddi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bauphal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...
	Noakholly ...	Noakholly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	...
		Fenny ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Harishpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ramganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Furreedpore ...	Madaripore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Furreedpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Goalundo ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dacca ...	Munshigunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dacca ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naraingunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manickgunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Joydebpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hill Tipperah	Agartola ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tipperah ...	Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chandpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Brahmunberia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ramchandrapore.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nasirnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daudkandi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kasba ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Laksham ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mymensingh ...	Kishoregunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Atia (*Tangail*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jamalpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Netrokona ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Subornakhally	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Durgapore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sherpore Town	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dewanganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NORTH BENGAL.	Pubna ...	Pubna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Serajgunge ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra ...	Sherpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nowkhilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Panchbibi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahye ...	Beauleah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nattore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naogaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lalpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maldah ...	Maldah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chanchal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gajol ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sibganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinagepore ...	Mohadebpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Churamon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raigunge ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dinagepore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Baloorghat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Thakurgaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rungpore ...	Bhawanigunge (*Gyabanda*).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rungpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kurigram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bagdogra (*Nilphamari*).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ulipore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Julpigoree ...	Julpigoree ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Alipore Dooar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Falacotta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Debiganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhagatpore (Nagrakatta).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cooch Behar ...	Dinhatta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Cooch Behar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mickligunge ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Matabhanga ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Darjeeling Hill	Buxa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Siliguri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Darjeeling ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kalimpong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kurseong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NORTH BEHAR	Purneah ...	Kissengunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arrareah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Purneah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gondwara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barsoe ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Matiari ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kaliaganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	North Bhagulpore.	Maddapore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Soopool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Protabganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

...in Bengal in December 1891—*continued.*

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 16th October 1891 to 31st December 1891.	Average rainfall from 16th October to 31st December.	District.	Station.	Meteorological division.
...	...	...	...	...	...	...	...	...	...	...	Nil	0·61	Nil	0·47	Nil	0·93	4·02	Patuakhally ...	Backergunge.	EAST BENGAL—*concld.*
...	...	...	...	...	...	...	...	...	...	...	Nil	0·45	Nil	0·20	Nil	1·69	3·54	Ferozepore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·32	Nil	2·21	3·50	Burrisal.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·63	Nil	0·51	Nil	0·53	3·73	Bhola.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	4·01	?	*Gournaddi.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	0·04	?	0·04	1·60	?	*Bauphal.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·65	0·06	0·59	0·06	2·77	4·41	Noakholly ...	Noakholly.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·64	Nil	0·91	Nil	2·09	5·70	Fenny.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·47	?	*Harishpore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·30	?	*Ramganj.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·20	Nil	0·14	Nil	4·24	1·93	Madaripore .	Furreedpore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·40	Nil	0·15	Nil	1·07	2·37	Furreedpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·37	Nil	0·14	Nil	0·53	2·23	Goalundo.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·33	Nil	3·78	3·13	Munshigunge	Dacca.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·45	Nil	0·19	Nil	1·96	1·80	Dacca.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·57	Nil	0·29	Nil	3·34	3·74	Naraingung .		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·39	Nil	0·13	Nil	0·82	2·15	Manickgunge.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·95	?	*Joydebpore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·37	Nil	7·40	3·41	Agartola ...	Hill Tipperah.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·61	Nil	0·44	Nil	6·42	2·55	Comilla .	Tipperah.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·57	Nil	0·39	Nil	4·45	2·39	Chandpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·28	Nil	4·59	2·46	Brahmunberia.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	3·42	?	*Ramchandrapore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·55	?	*Nasirnagar.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	3·17	?	*Daudkandi.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	7·44	?	*Kasba.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·05	?	*Laksham.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·35	Nil	0·32	Nil	1·67	2·11	Kishoregunge.	Mymensingh.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·20	Nil	0·10	Nil	0·63	2·24	Atia (*Tangail*).		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·40	Nil	0·18	Nil	2·57	2·64	Mymensingh.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·40	Nil	0·28	Nil	3·00	2·37	Jamalpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·43	Nil	0·17	Nil	1·71	2·73	Netrokona.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·10	?	*Subornakhally.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	*Durgapore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·08	?	*Sherepore Town*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·84	?	*Dewanganj.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·25	Nil	0·14	Nil	0·99	2·03	Pubna ...	Pubna ...	NORTH BENGAL
...	...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·14	Nil	1·09	2·43	Serajgunge.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·22	Nil	2·64	2·43	Sherpore .	Bogra.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·43	Nil	0·15	Nil	2·67	2·44	Nowkhilla.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·25	Nil	0·13	Nil	3·00	1·99	Bogra.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·36	Nil	0·19	Nil	0·45	1·39	Panchbibi.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·30	Nil	0·11	Nil	0·31	1·62	Beauleah ...	Rajshahye.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·25	Nil	0·11	Nil	1·44	1·99	Nattore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·29	Nil	0·17	Nil	1·60	0·78	*Naogaon.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·07	?	*Lalpore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·00	?	*Manda.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·30	Nil	0·18	Nil	0·26	1·98	Maldah ..	Maldah.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·29	Nil	0·08	Nil	0·02	0·95	Chanchal.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·15	?	*Gajol.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·93	?	*Sibganj.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·25	Nil	0·17	Nil	0·70	1·06	Mohadebpore.	Dinagepore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·36	Nil	0·16	Nil	0·08	0·80	Charamon.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·29	Nil	0·15	Nil	Nil	0·66	Raigunge.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·30	Nil	0·11	Nil	Nil	2·11	Dinagepore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·29	Nil	0·25		0·17	1·16	Balorghat.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Thakurgaon*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·26	Nil	0·17	Nil	0·54	1·92	Bhawanigunge (*Gyabandha*).	Rungpore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·25	Nil	0·10	Nil	0·09	2·84	Rungpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·40	Nil	0·17	Nil	0·06	1·32	Kurigram.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·40	Nil	0·21	Nil	Nil	1·40	Baudogra. (*Nilphamari.*)		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·46	?	*Ulipore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·20	Nil	0·09	Nil	Nil	2·94	Julpigoree ...	Julpigoree.	
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Alipore Dooar*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Falacotta.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Debiganj.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·41	?	*Bhagatpore (Nagrakatta).*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·55	Nil	0·23	Nil	Nil	1·89	Dinhatta		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·37	Nil	0·11	Nil	Nil	1·86	Cooch Behar...	Cooch Behar.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·36	Nil	0·18	Nil	Nil	1·73	Mekligunge.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·36	Nil	0·14	Nil	Nil	1·69	Mathabhanga.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·35	Nil	0·50	Nil	2·30	5·06	Buxa ...	Darjeeling.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·43	Nil	0·09	Nil	Nil	0·98	Siliguri.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·60	Nil	0·26	Nil	0·07	4·54	Darjeeling.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·59	Nil	0·30	Nil	0·47	0·87	Kalimpong.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	Kurseong.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·47	Nil	0·15	Nil	Nil	1·35	Kissengunge ...	Purneah ...	NORTH BEHAR
...	...	...	...	...	...	...	...	...	...	...	Nil	0·37	Nil	0·10	Nil	Nil	1·36	Arrareah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·30	Nil	0·16	Nil	Nil	1·36	Purneah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Gondwara.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Barsoe.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Matiari.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Kaliaganj.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·30	Nil	0·09	Nil	Nil	1·53	Maddapore .	North Bhagulpore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·37	Nil	0·12	Nil	Nil	1·17	Soopool.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Protabganj.*		

Table of Rainfall recorded at Stations in

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NORTH BEHAR—*concld.*	Durbhunga ...	Tajpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Durbhunga ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Madhubani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bahera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Roshera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mozufferpore	Sitamarhi ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mozufferpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hajipore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Paru ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahua ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Siuhar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pupri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chumparun ...	Motihari ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bettiah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bagaha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Burhurwa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sarun ...	Gopalgunge ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sewan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chupra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SOUTH BEHAR	Shahabad ...	Buxar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dehree ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhubooah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sasseram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arrah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mohaniah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gya ...	Aurungabad...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nowadah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jehanabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daudnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sherghati ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakri Barawan.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patna ...	Patna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dinapore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Behar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barrh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bickram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hilsa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Monghyr ...	Begooserai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Monghyr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jamui ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gogri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sheikpura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South Bhagulpore.	Bhagulpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banka ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kolgong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bongaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sonthal Pergunnahs.	Rajmehal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Godda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakour ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nya Doomka	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Deoghur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jamtara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mohagama ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nonihat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CHUTIA NAGPUR.	Hazaribagh ...	Pachamba (*Giridi*).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hazaribagh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Semtagurah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahudi Hills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhoomrah Hills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barhi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chatra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Karagdeha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ramghar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lohardugga...	Lohardugga ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ranchi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palamow ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Silli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Balumat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hosseinabad...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Garwah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Singbhoom ...	Chyebassa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chakradharpore.																				
		Ghatsila ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Baharagura...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Manbhoom ...	Purulia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gobindpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raghunathpore.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barrabhoom...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhalda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

ngal in December 1891—*concluded*.

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 16th October 1891 to 31st December 1891.	Average rainfall from 16th October to 31st December.	Station.	District.	Meteorological division.
...	...	...	...	...	...	...	...	...	...	...	Nil	0·20	Nil	0·08	Nil	Nil	0·97	Tajpore ...	Durbhunga ...	NORTH BEHAR—*concld.*
...	...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·17	Nil	Nil	1·06	Durbhunga.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·26	Nil	0·08	Nil	Nil	0·86	Madhubani.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Bahera.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Roshera.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·45	Nil	0·12	Nil	Nil	0·77	Sitamarhi ...	Mozufferpore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·20	Nil	0·13	Nil	Nil	1·49	Mozufferpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·37	Nil	0·12	Nil	0·17	0·98	Hajipore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Paru.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Mahua.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Siuhar.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Pupri.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·56	Nil	0·18	Nil	Nil	0·57	Motihari ...	Chumparun.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·42	Nil	0·24	Nil	Nil	0·48	Bettiah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Bagaha.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Burhurwa.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·17	Nil	0·07	0·42	Gopalgunge...	Sarun.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·30	Nil	0·15	Nil	0·09	1·33	Sewan.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·35	Nil	0·18	Nil	Nil	1·31	Chuprah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·45	Nil	0·23	Nil	0·18	1·51	Buxar ...	Shahabad ...	SOUTH BEHAR.
...	...	...	...	...	...	...	...	...	...	...	Nil	0·71	Nil	0·57	Nil	Nil	1·75	Dehree.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·35	Nil	0·36	Nil	Nil	1·88	Bhuboosh.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·25	Nil	0·20	Nil	Nil	1·69	Sasseram.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·35	Nil	0·21	Nil	Nil	1·22	Arrah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?		?	?	*Mohaniah.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·36	Nil	Nil	1·03	Aurungabad ..	Gya.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·45	Nil	0·25	Nil	0·73	1·36	Gya.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·35	Nil	0·23	Nil	0·07	1·17	Nowadah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·24	Nil	0·19	Nil	Nil	1·11	Jehanabad.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Arwal.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Daudnagar.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·26	?	*Sherghati.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Rajauli.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·03	?	*Pakri Barawan.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·35	Nil	0·17	Nil	0·21	1·41	Patna ...	Patna.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·40	Nil	0·19	Nil	0·10	1·36	Dinapore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·40	Nil	0·14	Nil	0·06	1·52	Behar.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·15	Nil	0·13	Nil	0·13	1·49	Barh.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Bickram.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·41	?	*Hilsa.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·20	Nil	0·09	Nil	0·05	1·62	Begooserai ...	Monghyr.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·15	Nil	0·09	Nil	Nil	1·48	Monghyr.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·30	Nil	0·09	Nil	0·10	0·97	Jamui.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Gogri.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Sheikpura.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·35	Nil	0·10	Nil	0·01	1·25	Bhagulpore ...	South Bhagulpore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·45	Nil	0·14	Nil	0·18	1·68	Banka.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Kolgong.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Bongaon.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·16	Nil	0·06	Nil	0·14	1·30	Rajmehal ...	Sonthal Pergunnahs.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·33	Nil	0·13	Nil	0·08	1·21	Godda.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·29	Nil	0·09	Nil	1·25	1·15	Pakour.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·42	Nil	0·22	Nil	0·38	1·74	Nya Doomka.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·30	Nil	0·18	Nil	0·18	2·09	Deoghur.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·27	Nil	0·15	Nil	0·30	1·37	Jamtara		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil		?	*Mohagama.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·76	?	*Nunihat*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·40	Nil	0·18	Nil	Nil	1·43	Pachamba ... (*Giridi*).	Hazaribagh ...	CHUTIA NAGPUR.
...	...	...	...	...	...	...	...	...	...	...	Nil	0·55	Nil	0·31	Nil	0·15	1·43	Hazaribagh.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·42	Nil	0·32	Nil	Nil	0·98	Semtagurah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·33	Nil	0·30	Nil	Nil	1·03	Mahudi Hills.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·33	Nil	0·29	Nil	0·50	1·46	Jhoomrah Hills		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·07	?	*Barhi.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·05	?	*Chatra.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·17	?	*Karagdeha.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·15	?	*Ramghur*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·51	Nil	0·22	1·84	Lohardugga ...	Lohardugga.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·55	Nil	0·29	Nil	0·26	1·57	Ranchi.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·55	Nil	0·30	Nil	0·06	1·51	Palamow.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Silli.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Balumat.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Hoseinabad.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Garwah.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·70	Nil	0·37	Nil	0·54	1·87	Chyebassa	Singbhoom.	
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil		?	*Chakradharpore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·38	?	*Ghatsila.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·62	?	*Baharagura.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·40	Nil	0·24	Nil	0·65	1·48	Purulia ...	Manbhoom.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·40	Nil	0·19	Nil	0·25	1·37	Gobindpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Raghunathpore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·70	?	*Barrabhoom.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·23	?	*Jhalda.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·19	?	*Chas.*		

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE MONTH OF DECEMBER 1891.

The most important features in the meteorology of December have been—

1. There has been a complete absence of the cold-weather storms originating in or coming from North-West India, and which in most years pass through Bengal in December, particularly in the second half of the month. Fine weather with almost cloudless skies has therefore prevailed in Bengal practically throughout the month.

2. There has also been a complete absence of anything like cyclonic storms such as frequently occur in December in the southern half of the Bay of Bengal. Though no actual storms have formed, weather has on several occasions been disturbed in the south of the Bay, and a barometric depression was formed off the South Madras coast on the 8th, which afterwards passed over the south of the peninsula. Another feeble depression formed in the south-west of the Bay about the 12th, which after existing for three or four days filled up, giving heavy rain to the stations on the Madras coast, but disturbed conditions also continued to exist in the centre and south of the Bay up to the 19th or 20th of the month.

3 These disturbed conditions in the Bay were at no time sufficiently influential to materially affect the weather in Bengal, beyond on one or two occasions giving rather cloudy weather at some of the southern stations in the province.

4. Owing to the absence of storms of either kind which could affect Bengal, rainfall has been absent from the entire province almost throughout the month, and the only showers of rain recorded were one or two in the Chittagong district on the 15th to the 17th and again on the 21st of the month. Rainfall has therefore been in defect of the normal in all districts.

5. The mean pressure for the month has been unusually high, and at all stations excess pressures have been recorded, the excess in Bengal ranging from 0·03" to 0·04" in the south-western districts to 0·06" to 0·08" in Behar. In Assam, also, there has been an excess pressure of 0·036."

6. Temperature has also been in excess of the normal, the excess in all the seven meteorological divisions in Bengal ranging from 1° to 2°, but in Assam the excess has been rather less than 1°.

7. Humidity has been slightly in excess of the normal at almost all stations in the province, the excess being largest at the western stations.

8. Cloud proportion has also been generally slightly higher than usual, the excess being largest at the south-western stations.

The meteorological changes during the month, therefore, do not call for any lengthened review, for throughout the month fine weather has obtained with only slight oscillations of temperature and pressure, and slight alterations with regard to the amount of humidity, cloud proportion, etc. For the first few days pressure was rather largely in excess of the normal, the excess ranging from 0·04" to 0·06". The mean temperature for this period was from about 2° to nearly 5° in excess of the normal, the excess for the province averaging 3°. For the week ending the 12th the excess pressure had slightly increased and had become about 0·05" to 0·06", but the excess temperature had slightly decreased, and only averaged 1·5°. For the week ending the 19th the pressure changes were generally in a slightly downward direction, and the excess pressure had become reduced to a few thousandths of an inch at many stations, whilst at the stations in the northern half of the province the excess only equalled about 0·02" to 0·03". During this week there were rather considerable variations of temperature, for it rose for the first four or five days of the week, and then fell rapidly, and for the whole province the mean of the week was again 1·5° in excess of the normal. For the fourth week ending the 26th, pressure again rose considerably, and at many stations in Behar the excess averaged more than a tenth of an inch, while the excess pressure of the province generally equalled from 0·07" to 0·08". From about the 24th of December, however, a decidedly rapid fall of temperature set in, and though for the week ending the 26th there was still an excess temperature over the province equalling 1·3°, yet for the remainder of the month temperature became fairly normal, though quite at its close temperature commenced to rise owing to the influence of a very feeble barometric depression which had formed in Northern India, and which on the 31st appeared to have a centre near Lucknow. The depression, however, beyond causing temperature and humidity in Bengal to rise and pressure to fall slowly at the close of the month, had no other practical effect on the weather, and for the last four days of the month the pressure registered in the province of Bengal was almost absolutely normal.

Pressure.—The mean pressure for the month has been in excess of the normal at all stations in the province of Bengal, the excess ranging from 0·031" at False Point to 0·084" at Chupra. The usual excess has equalled from 0·03" to 0·05" in Orissa and South-West Bengal, from about 0·04" to 0·06" in East and North Bengal, and from about 0·05" to 0·08" in North and South Behar and Chutia Nagpur. In Assam the excess has ranged from 0·024" at Dhubri to 0·042" at Sibsagar and Silchar.

Temperature.—The mean temperature for the month in all the seven meteorological divisions of Bengal has averaged from 1·3° to 1·7° in excess of the normal, the largest excess being shown in East and North Bengal and South Behar. The extreme variations at any station have been an excess of 2·9° at Beauleah and one of 2·7° at Chittagong to the small excess of 0·3° at Purneah and 0·5° at Cuttack. In Assam, Sibsagar has registered a normal temperature, Dhubri an excess of 0·3°, and Silchar an excess of 2°.

The general variation of temperature from the normal of the month is best shown by the following table, which gives the variation of the average maximum, minimum and mean temperatures at nine typical stations in different districts of the province, week by week, throughout the month:—

Stations.	Week ending 5th December 1891.			Week ending 12th December 1891.			Week ending 19th December 1891.			Week ending 26th December 1891.			Week ending 2nd January 1892.		
	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.
Cuttack	+1·2	+5·3	+3·2	−0·4	+0·7	+0·1	+0·3	+1·5	+0·9	+0·2	+0·8	+0·7	−1·4	−4·7	−3·1
Calcutta	+2·9	+2·2	+2·5	+2·1	+0·7	+1·4	+2·8	+1·6	+2·3	+2·1	0	+1·1	+1·2	−2·6	−0·7
Dacca	+0·8	+1·1	+1·0	+1·5	+0·1	+0·8	+3·1	+0·2	+1·7	+1·7	+0·5	+1·1	+1·1	−1·8	−0·3
Burdwan... ...	+2·6	+3·1	+2·8	+2·7	−0·3	+1·2	+2·7	+0·5	+1·6	+2·5	+0·2	+1·3	+0·7	−0·5	+0·1
Patna	+1·9	+3·9	+2·9	+0·8	+0·5	+0·6	−0·4	−0·9	−0·8	+0·2	+0·9	+0·5	+0·7	+1·4	+1·0
Gya	+3·0	+4·6	+3·8	+1·0	+1·1	+1·0	+0·3	0	+0·2	+0·7	−0·5	+0·1	−0·1	−1·1	−0·6
Purneah	+2·7	−1·9?	+0·4?	+2·6	−0·6	+1·0	+2·6	−1·7	+0·4	+3·0	+0·3	+1·0	+1·0	−3·1	−1·0
Hazaribagh ...	+2·8	+3·7	+3·3	+1·5	−0·9	+0·3	+3·2	−0·1	+1·6	+2·1	+2·0	+1·3	+0·2	−1·0	−0·4
Darjeeling ...	+0·8	+2·2	+1·5	−0·4	−0·3	−0·4	+4·6	+2·0	+3·3	+2·4	−0·5	+0·2	−0·9	0	−0·4

Rainfall—Has been practically absent throughout the entire month and over almost the whole province except in the Chittagong district, which has received a few showers of rain; but even here the falls only average 0·20 inch of rain, and in the Noakhally district, where a few drops of rain have fallen, averaging 0·03 inch.

The following table gives in a condensed form the summary of the rainfall information in Bengal for the whole year. It gives a comparison between the actual monthly and total rainfall of the year, with the normal values in each of the seven meteorological divisions of Bengal, the actual falls being expressed as percentages of the normal amounts. From these figures it will be seen that all the districts, except Orissa, have received largely defective falls during the year, and that in North Behar and North Bengal the defects exceed 20 per cent. :—

Meteorological Divisions.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December	Actual rainfall of the year 1891 expressed as a percentage of the normal fall for the period.
Orissa	11	167	424	36	134	28	74	139	180	21	452	Nil	112
South-West Bengal ...	53	193	308	50	170	61	94	84	71	17	297	Nil	90
East Bengal ...	2	311	98	130	151	71	100	65	51	32	171	6	86
North Bengal ...	78	377	239	77	140	53	117	46	37	46	353	Nil	77
North Behar ...	171	233	590	19	172	94	83	65	35	39	Nil	Nil	79
South Behar ...	253	159	734	30	165	83	85	83	56	45	55	Nil	88
Chutia Nagpur ...	163	91	506	30	148	47	97	93	102	18	41	Nil	93

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the month of December 1891 :—

Meteorological Divisions.	Temperature.						Rainfall.							
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of month above or below normal mean of month.	Of month.			Rainy days.			Since 16th Oct. 1891.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
Orissa	85·3	46·4	80·6	59·8	70·2	+1·4	Nil	0·51	−0·51	0·00	0·77	−0·77	6·44	4·37
South-West Bengal	84·3	47·1	79·1	56·0	67·6	+1·3	Nil	0·25	−0·25	0·00	0·40	−0·40	1·05	2·28
East Bengal	85·7	48·0	79·2	56·5	67·9	+1·6	0·02	0·35	−0·33	0·08	0·51	−0·43	2·42	3·25
North Bengal	82·1	45·0	78·6	53·4	66·0	+1·7	Nil	0·15	−0·15	0·00	0·33	−0·33	0·65	1·74
North Behar	88·1	40·0	77·4	49·8	63·5	+1·3	Nil	0·14	−0·14	0·00	0·37	−0·37	0·02	1·10
South Behar	82·3	44·3	76·6	51·8	64·2	+1·6	Nil	0·19	−0·19	0·00	0·34	−0·34	0·19	1·42
Chutia Nagpur	76·8*	43·5*	73·3*	50·4*	61·8*	+1·4*	Nil	0·30	−0·30	0·00	0·47	−0·47	0·25	1·45
Assam	86·5	44·1	77·5	53·2	65·4	+0·8								

* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL ;
The 19th January 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	Air pressure. Mean barometric height, 8 A.M.	Air pressure. Mean reduced to sea-level and to lat. 45°.	Air pressure. Variation from mean.	Wind. Prevailing direction.	Wind. Mean wind velocity.	Temperature. Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Pooree	Pooree	29·815	29·937	—	Nly	219	85·7	16th Jan.	61·0	10 & 12 Jan.	80·4	64·5	72·5	—	69·5
		Gopalpore	29·904	29·956	—·056	NNW	216	83·7	14th „	58·0	10th „	81·0	59·3	70·2	+0·6	61·3
		False Point	29·993	29·956	—·083	Wly	209	82·4	14th „	58·0	10th „	81·2	61·0	71·0†	+2·3	67·1
	Cuttack	Cuttack	29·031	29·956	—·082	Calm	36	88·4	14 & 15 „	57·8	10th „	80·7	59·9	73·4	+1·2	64·0
	Balasore	Balasore	29·943	29·947	—·103	NNW	102	80·4	15th „	55·5	10th „	85·0	58·2	71·3	+4·3	64·2
South-West Bengal.	South-West Midnapore, South 24-Pergunnahs	Saugor Island	29·975	29·945	—·096	SWly	237	80·7	16th „	57·9	10th „	78·3	62·8	70·6	+3·1	67·5
	Midnapore	Midnapore	29·851	29·953	—·103	Nly	260	91·3	15th „	55·2	10th „	87·4	58·8	73·2	+6·9	64·3
	24-Pergunnahs, Howrah, Hooghly	Calcutta	29·980	29·946	—·104	Calm	75	85·6	15th „	55·2	10th „	81·8	58·6	70·2	+4·1	62·6
	Burdwan	Burdwan	29·903	29·953	—·106	Variable	36	87·8	15th „	54·3	15th „	84·2	57·4	70·9	+4·3	62·7
	Bankoora	Bankoora	29·674	29·938	—·105	Calm	61	83·1	15th „	54·3	10th „	84·6	57·7	71·1	+6·6	62·0
	Beerbhoom, West Burdwan	Raneegunge	29·660†	29·974†	—·108†	NNW	68*	86·5	15th „	53·4	16th „	81·6*	56·1*	70·4*	+4·2*	60·5†
	Moorshedabad	Berhampore	29·923	29·942	—·118	Variable	41	84·6	15th „	52·7	10th „	82·0	54·7	68·4	+3·1	58·0
	Nuddea	Krishnaghur	29·946	29·944	—·091	WSW	76	86·5	15th „	50·0	16th „	83·5	54·1	68·8	+5·3	60·8
	Jessore, Khoolna	Jessore	29·961	29·942	—·100	Calm	37	84·2	15th „	53·5	16th „	81·0	56·3	68·7	+3·5	61·3
East Bengal.	Chittagong	Chittagong	29·930	29·960	—·070	Calm	46	83·2	16th „	54·1	11th „	81·5	57·4	69·5	+3·2	62·4
	Chittagong Hill Tracts	Domagiri	Observations not received.													
	Backergunge	Barrisal	29·904	29·952	—·072	Calm	48	83·3	15th Jan.	54·6	10th „	79·8	59·1	69·5	+6·1	63·0
	Noakhally	Noakholly	29·904	29·956	—·063	N	67	81·0	10 & 16 „	51·0	10th „	79·7	55·0	67·3	+2·9	64·0
	Furreedpore	Furreedpore	29·967	29·950	—·077	Calm	42	83·0	15th „	51·5	16th „	76·5	56·7	63·6	+3·6	60·9
	Dacca	Dacca	29·978	29·946	—·094	SSW	67	82·1	15th „	56·3	16th „	89·7	5[illegible]	69·9	+3·4	63·5
	Commillah	Commillah	29·982	29·966	—·036	E	32	82·4	15th „	53·0	10th „	80·7	57·7	69·2	+4·4	61·3
	Mymensingh	Mymensingh	29·945	29·956	—·084	ENE	60	78·6	12th „	50·1	16th „	77·4	54·3	65·9	+3·1	58·3
North Bengal.	Bogra	Bogra	29·936	29·923	—·102	NE	53	81·3	15th „	48·7	13th „	79·0	51·9	65·4	+1·0	56·2
	Pubna	Serajgunge	29·935	29·933	—·107	W	19	80·6	15th „	49·6	16th „	79·2	52·1	65·7	+2·8	57·2
	Rajshahye	Rampore Beauleah	29·914	29·937	—·097	Variable	64	81·0	15th „	52·7	13th „	79·6	54·1	66·9	+4·6	59·6
	Maldah	Maldah	29·921†	29·937†	—	NW	87	82·6	15th „	48·2	13th „	81·0	50·6†	66·0†	—	60·5
	Dinagepore	Dinagepore	29·856	29·935	—·126	SWly	70	81·1	15th „	47·5	13th „	79·4	48·8	64·1	+2·4	56·2
	Rungpore	Rungpore	29·864	29·949	—·114	Variable	55	79·0	15th „	46·2	16th „	77·4	50·1	63·8	+2·6	54·9
	Julpigoree, Cooch Behar	Julpigoree	29·685	29·938	—·121	Nly	53	75·4	15th „	48·1	10th „	74·6	53·0	63·4	+1·8	56·8
	Darjeeling Hill Tracts	Darjeeling	22·895	—	—·104	SW	161	46·3	15th „	33·0	14 & 16 „	43·5	34·5	39·0	—1·7	37·6
North Behar.	Purneah, North Bhagulpore	Purneah	29·859	29·947	—·117	Calm & SW	42	81·2	12th „	42·3	13th „	79·4	45·7	62·6	+1·0	51·2
	Mozufferpore	Mozufferpore	29·793	29·937	—	Wly & Calm	94	79·9	12 & 15 „	44·8	16th „	78·2	49·1	63·6	—	53·3
	Durbhunga	Durbhunga	29·835	29·960	—·105	WSW	80	81·2	15th „	49·4	10th „	78·1	51·8	65·0	+2·8	56·0
	Chumparun	Motihari	29·744	29·941	—·110	WSW	159	79·2	12 & 15 „	43·9	16th „	78·3	46·2	62·3	+2·4	52·6
	Sarun	Chupra	29·709	29·945	—·036	Calm	82	80·8	15th „	48·6	16th „	79·2	51·9	65·5	+4·1	55·8
South Behar.	Shahabad	Dehree	29·612	29·965	—·106	SW	125	81·8	11 & 14 „	55·5	10th „	80·4	59·1	69·7	+3·4	63·0
		Buxar	29·764	29·971	—·096	Wly	99	81·9	14th „	50·9	12th „	79·1	54·0	66·6	+4·4	60·0
		Arrah	29·702	29·945	—·096	Wly	75	80·7	12 & 15 „	?	?	83·0	?	?	?	56·7
	Gya	Gya	29·634	29·981	—·086	W	132	82·4	11th „	51·8	16th „	80·8	55·6	68·2	+5·3	62·3
	Patna	Bankipore	29·820	29·965	—·113	W	91	77·4	12 & 14 „	49·8	10th „	75·9	52·6	64·3	+3·1	61·0
	South Bhagulpore, Monghyr	Bhagulpore	29·820	29·941	—·113	Calm	28	81·3	12 & 13 „	49·0	10th „	80·0	51·6	65·0	+4·2	59·8
	Sonthal Pergunnahs	Doomka	29·483	29·961	—·099	Calm & NW	48	84·1	15th „	50·1	13th „	81·3	52·9	67·1	+3·9	57·4
Chutia Nagpur.	Hazaribagh	Hazaribagh	27·930	29·957	—·089	SWly	199	81·2	14th „	49·2	16th „	78·7	54·3	66·5	+5·0	62·3
	Lohardugga, Manbhoom	Ranchee	27·813	29·941	—·084	Wly	196	81·0	14th „	49·9	10th „	78·9	54·6	66·8	+5·3	63·5
	Singbhoom	Chyebassa	29·227	29·956	—·067	WSW & Calm	37	87·4	15th „	51·0	10th „	85·4	57·0	71·2	+5·0	63·9

* Mean of 5 days. | † Mean of 6 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average of means of the reading during the same period for the last ... The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the sub-divisional station for the period in question during the past stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fall.

for the week ending Saturday, the 16th of January 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	DISTRICT OBSERVATIONS. Of week. Mean for district.	Of week. Normal mean.	Rainfall. Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 16th October 1891. Mean for district.	Since 16th October 1891. Normal mean.	Since 16th October 1891. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
78	0·0	Nil	Nil	0·07	Nil	0·11	−0·11	3·34	6·43	−3·09	0·00	0·12	Pooree ...	Pooree	Orissa.
70	0·0	Nil											Gopalpore ...		
93	1·0	Nil											False Point ...		
77	1·4	Nil	Nil	0·03	Nil	0·09	−0·09	7·69	4·12	+3·57	0·00	0·03	Cuttack ...	Cuttack	
81	0·3	Nil	Nil	0·04	Nil	0·12	−0·12	3·90	2·83	+1·16	0·00	0·05	Balasore ...	Balasore	
90	1·0	Nil	Nil	0·04	Nil	0·16	−0·16	2·54	4·34	−1·80	0·00	0·13	Saugor Island ...	South-West Midnapore South 24-Pergunnahs	South-West Bengal.
71	0·6	Nil	Nil	0·03	Nil	0·22	−0·22	0·28	2·17	−1·89	0·00	0·11	Midnapore ...	Midnapore	
91	0·0	Nil	Nil	0·05	Nil	0·10	−0·10	0·46	2·01	−1·55	0·00	0·09	Calcutta ...	24-Pergunnahs ... Howrah ... ... Hooghly	
72	0·9	Nil	Nil	0·05	Nil	0·10	−0·10	0·54	1·76	−1·22	0·00	0·14	Burdwan ...	Burdwan	
67	1·3	Nil	Nil	0·02	Nil	0·08	−0·08	0·56	1·74	−1·18	0·00	0·07	Baukoora ...	Bankoora	
64†	0·3†	Nil	Nil	0·05	Nil	0·25	−0·25	1·35	1·31	+0·04	0·00	0·30	Raneegunge ...	Beerbhoom ... ... West Burdwan ...	
89	0·9	Nil	Nil	0·08	Nil	0·29	−0·29	1·34	1·25	+0·09	0·00	0·23	Berhampore ...	Moorshedabad ...	
85	0·1	Nil	Nil	0·05	Nil	0·14	−0·14	0·74	1·80	−1·06	0·00	0·13	Krishnagur ...	Nuddea	
92	1·3	Nil	Nil	0·08	Nil	0·21	−0·21	1·85	2·36	−0·51	0·00	0·15	Jessore ...	Jessore ... ... Khoolna	
84	1·1	Nil	Nil	0·24	Nil	0·30	−0·30	3·00	5·26	−2·26	0·00	0·30	Chittagong ...	Chittagong	East Bengal.
			Nil	0·13	Nil	0·23	−0·22	3·33	4·53	−1·20	0·00	0·20	Demagiri ...	Chittagong Hill Tracts	
92	0·1	Nil	Nil	0·07	Nil	0·27	−0·27	1·34	3·76	−2·42	0·00	0·13	Barrisal ...	Backergunge	
91	0·0	Nil	Nil	0·04	Nil	0·26	−0·26	2·43	5·21	−2·78	0·00	0·09	Noakhally ...	Noakhally	
94	1·7	Nil	Nil	0·06	Nil	0·18	−0·18	1·94	1·86	+0·08	0·00	0·10	Furreedpore ...	Furreedpore	
89	2·4	Nil	Nil	0·06	Nil	0·16	−0·16	2·47	2·46	+0·01	0·00	0·12	Dacca ...	Dacca	
93	2·7	Nil	Nil	0·10	Nil	0·33	−0·32	5·67	2·74	+2·93	0·00	0·19	Coummillah ...	Commillah	
92	1·1	Nil	Nil	0·06	Nil	0·20	−0·20	1·91	2·11	−0·20	0·00	0·10	Mymensingh ...	Mymensingh	
85	0·0	Nil	Nil	0·08	Nil	0·22	−0·22	2·34	1·52	+0·82	0·00	0·24	Bogra ...	Bogra	North Bengal.
89	0·0	Nil	Nil	0·11	Nil	0·21	−0·21	1·05	1·94	−0·89	0·00	0·24	Serajgunge ...	Pubna	
88	0·9	Nil	Nil	0·09	Nil	0·31	−0·31	1·22	1·36	−0·14	0·00	0·21	Rampore Beauleah	Rajshahye	
79	0·6	Nil	Nil	0·11	Nil	0·31	−0·31	0·14	1·52	−1·38	0·00	0·21	Maldah ...	Maldah	
80	0·0	Nil	Nil	0·10	Nil	0·26	−0·26	0·19	1·00	−0·81	0·00	0·19	Dinagepore ...	Dinagepore	
85	0·0	Nil	Nil	0·12	Nil	0·28	−0·28	0·17	1·42	−1·25	0·00	0·13	Rungpore ...	Rungpore	
92	0·0	Nil	Nil	0·13	Nil	0·18	−0·18	Nil	1·51	−1·51	0·00	0·18	Julpigoree ...	Julpigoree ... ... Cooch Behar	
91	3·6	Nil	0·02	0·23	0·02	0·37	−0·35	0·73	2·64	−1·91	0·00	0·33	Darjeeling ...	Darjeeling Hill Tracts	
88	0·0	Nil	Nil	0·17	Nil	0·27	−0·27	Nil	1·39	−1·39	0·00	0·28	Purneah ...	Purneah ... ... North Bhagulpore ...	North Behar.
90	1·0	Nil	Nil	0·14	Nil	0·35	−0·35	0·06	1·34	−1·28	0·00	0·23	Mozufferpore ...	Mozufferpore	
88	0·6	Nil	Nil	0·14	Nil	0·31	−0·31	Nil	1·18	−1·18	0·00	0·22	Durbhunga ...	Durbhunga	
89	0·9	Nil	Nil	0·15	Nil	0·30	−0·30	Nil	0·84	−0·84	0·00	0·20	Motihari	Chumparun	
83	0·6	Nil	Nil	0·13	Nil	0·30	−0·30	0·05	1·21	−1·16	0·00	0·30	Chupra ...	Sarun	
60	0·0	Nil											Dehree ...		South Behar.
69	1·1	Nil	Nil	0·14	Nil	0·37	−0·37	0·04	1·83	−1·79	0·00	0·37	Buxar ...	Shahabad	
82	1·4	Nil											Arrah ...		
66	0·6	Nil	Nil	0·15	Nil	0·33	−0·33	0·20	1·36	−1·16	0·00	0·32	Gya ...	Gya	
62	1·4	Nil	Nil	0·12	Nil	0·20	−0·20	0·13	1·58	−1·45	0·00	0·30	Bankipore ...	Patna	
69	0·6	Nil	Nil	0·18	Nil	0·31	−0·31	0·07	1·56	−1·49	0·00	0·20	Bhagulpore ...	South Bhagulpore ... Monghyr	
70	0·0	Nil	Nil	0·11	Nil	0·23	−0·23	0·40	1·44	−0·95	0·00	0·22	Doomka ...	Sonthal Pergunnahs.	
51	1·6	Nil	Nil	0·09	Nil	0·30	−0·30	0·15	1·49	−1·34	0·00	0·19	Hazaribagh ...	Hazaribagh	Chutia Nagpur.
64	1·7	Nil	Nil Nil	0·18 0·00	Nil Nil	0·43 0·26	−0·43 −0·26	0·18 0·40	2·03 1·40	−1·85 −1·03	0·00 0·00	0·32 0·20	Ranchi ...	Lohardugga ... ... Maubhoom	
60	0·0	Nil	Nil	0·11	Nil	0·27	−0·27	0·54	2·06	−1·52	0·00	0·30	Chyebassa ...	Singbhoom	

ten years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean
ten years. The means of the district are the numerical average of the rainfall return received in the district, *i.e.*, from total rainfall at the subdivisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 16th of January 1892.

Meteorological division.	District.	Station.	Rainfall. Sunday, 10th Jan.	Monday, 11th Jan.	Tuesday, 12th Jan.	Wednesday, 13th Jan.	Thursday, 14th Jan.	Friday, 15th Jan.	Saturday, 16th Jan.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
ORISSA ...	Pooree ...	Pooree ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·08	15·91	7·83
		Khurdah ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·11	3·74	4·71
		Banpur ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·01	1·77	6·30
		False Point ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·21	12·85	7·37
		Gop ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Satpara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·10	?
		Pipli ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·98	?
	Cuttack	Jagatsingpore	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·11	12·47	4·24
		Banki ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·06	1·17	3·66
		Cuttack ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·03	4·87	4·07
		Kendrapara ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·14	16·72	4·30
		Jajpore ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·07	3·24	3·51
		Dharmsala ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	5·36	?
		Salipore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	8·20	?
	Balasore .	*Akhoyapada*	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·74	?
		Chandbali ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·09	11·05	4·07
		Bhuddruck ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·08	5·85	2·96
		Sorah ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·10	3·93	2·77
		Balasore ..	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·15	2·47	3·65
		Jellasore ..	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·12	0·82	1·54
		Baripodah ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·10	0·85	2·07
SOUTH-WEST BENGAL.	Midnapore ..	Contai ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·12	2·40	5·00
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·13	4·44	5·18
		Tumlook ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·15	0·35	2·67
		Midnapore ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·32	0·18	2·64
		Ghattal ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·19	0·33	1·22
		Kukrahaty ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·31	?
		Garbetta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·19	?
	24-Pergunnahs	Diamond Harbour ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·23	0·70	2·78
		Canning Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·34	?
		Alipore Jail ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·25	0·43	2·61
		Barrackpore...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·10	0·28	1·92
		Dum-Dum ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·23	0·40	2·16
		Barasat ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·23	0·36	2·11
		Buseerhat ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·19	1·28	2·00
	Howrah	Howrah ..	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·23	0·29	2·83
		Mohesreka ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·17	0·41	1·62
		Oolooberiah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	·	0·36	?
	Hooghly ...	Serampore ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·16	0·40	1·80
		Hooghly ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·16	0·33	2·01
		Jehanabad ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·08	0·30	1·61
	Burdwan ..	Culna ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·11	0·84	1·75
		Burdwan ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·07	0·28	1·76
		Cutwa ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·11	0·98	1·77
		Raneegunge ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·14	0·56	1·29
		Mankur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·85	?
	Bankoora ...	Bankoora ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·07	0·69	1·72
		Bishenpore ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·06	0·87	1·67
		Maliara ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·10	0·65	1·37
		Khatra ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·11	0·50	2·16
		Indas ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·49	?
		Kotalpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·30	?
		Anda ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
		Gangajalghati	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·29	?
		Raipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·82	?
		Sonamukhi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·51	?
	Beerbhoom	Bh. Soory ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·24	1·45	1·61
		Hetampore ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·35	1·52	1·01
		Rampore Haut	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·30	1·88	1·81
		Bolpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·10	?
		Murari ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·56	?
	Nuddea ...	Ranaghat ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·14	0·60	1·89
		Kishnaghur ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·13	1·30	1·35
		Choosdanga ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·14	0·47	2·19
		Meherpore ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·17	0·30	1·70
		Kooshtea .	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·13	1·00	1·82
	Khoolna ..	Satkhira ..	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·20	3·13	2·47
		Bagirhat ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·34	2·78	2·54
		Khoolna ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·30	3·89	2·73
		Nakipur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·82	?
		Rampal .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·80	?
	Jessore ...	Narail ..	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·26	2·13	2·72
		Jessore ..	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·20	1·43	2·40
		Jhenidah ..	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·17	0·84	2·13
		Magoorah ..	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·07	0·52	1·67
		Bongong ..	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·15	0·56	2·16
	Moorshedabad	Kandi ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·25	1·20	1·46
		Berhampore...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·34	1·06	1·35
		Lalbagh ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·13	0·86	1·14
		Azimgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·29	1·86	1·23
		Jungipore ..	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·36	1·43	1·19
		Lalgola ..	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·41	1·60	1·14
		[illegible] ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·63	?
		Patkabari ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·10	?
EAST BENGAL	Chittagong	Cox's Bazar ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·24	4·01	6·31
		Chittagong ...	......	......	......	......	......	......	......	Nil	Nil	0·30	Nil	0·33	1·98	4·16
		Kutubdia ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·81	?
		Satkanya ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·73	?
	Chittagong Hill Tracts.	Rangamati ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·22	3·33	4·89
		Bundarbun ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·04	?
	Backergunge	Patuakhally...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·30	0·92	4·17
		Ferozepore ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·33	1·69	3·46
		Burrisal ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·25	3·21	3·72
		Bhola ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·15	0·53	3·63

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 16th of January 1892—concld.

Meteorological division.	District.	Station.	Sunday, 10th Jan.	Monday, 11th Jan.	Tuesday, 12th Jan.	Wednesday, 13th Jan.	Thursday, 14th Dec.	Friday, 15th Jan.	Saturday, 16th Jan.	Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
EAST BENGAL—concld.		*Gournuddi* ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·01	?
		Bhuphal ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·80	?
	Noakholly ...	Noakholly ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·26	2·77	4·43
		Fenny ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·24	2·09	5·95
		Harishpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·47	?
		Ramganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·39	?
	Furreedpore	Madaripore ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·30	4·34	1·96
		Furreedpore ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·09	1·97	1·71
		Goalundo ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·14	0·53	1·90
	Dacca ...	Munshigunge	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·19	3·78	2·82
		Dacca ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·15	1·96	1·77
		Narainganj	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·11	3·34	3·41
		Manickgunge	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·19	6·82	1·76
		Joydebpore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·95	?
	Hill Tipperah	Agartala ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·35	7·40	3·80
	Tipperah ...	Comilla ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·38	6·42	2·79
		Chandpore ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·17	4·45	1·98
		Brahmunberia	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·38	4·59	2·58
		Ramchandrapore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·42	?
		Nasirnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·55	?
		Dandkandi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·17	?
		Kasba ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	7·44	?
		Udaipur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	9·05	?
	Mymensingh ..	Kishoreganj	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·37	1·67	2·16
		Atia (*Tangail*)	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·21	0·63	1·83
		Mymensingh	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·16	2·57	2·05
		Jamalpore ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·23	3·00	1·90
		Netrokona ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·06	1·71	2·54
		Subornakhali	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·10	?
		Durgapore ...	......	......	......	......	......	......	......	Nil	Nil	?		?	?	?
		Sherepore Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·08	?
		Dewanganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·84	?
NORTH BENGAL.	Pubna ...	Pubna ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·19	0·99	1·84
		Serajgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·22	1·09	2·09
	Bogra ...	Sherepore ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·28	2·64	1·88
		Nowkhilla ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·20	2·67	1·68
		Bogra ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·24	3·60	1·67
		Panchbibi ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·17	0·45	0·82
	Rajshahye ...	Beauleah ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·28	0·31	1·27
		Nattore ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·38	1·44	1·64
		Naogaon ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·27	1·90	1·05
		Lalpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·07	?
		Manda ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·00	?
	Maldah ...	Maldah ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·25	0·26	1·76
		Chanchal ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·39	0·03	1·22
		Gajol ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·15	?
		Sibganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·92	?
	Dinagepore ...	Mohadebpore														
		Churamon ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·25	0·70	0·73
		Raigunge ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·25	0·08	0·68
		Dinagepore ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·36	Nil	0·73
		Balourghat ..	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·27	Nil	3·20
		Thakoorgaon	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·17	0·17	0·71
	Rungpore ...	Bhowanigunge (*Gybanda*)	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rungpore ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·21	0·54	1·52
		Kurigram ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·29	0·09	1·59
		Bagdogra (*Nilphamari*)	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·30	0·06	1·24
		Ulipore ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·32	Nil	1·02
	Julpigoree ...	Julpigoree ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·48	?
		Alipur Dooar	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·23	Nil	2·50
		Fallacotta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Debiganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bhagatpore (*Nagrakatta*)	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Cooch Behar..	Dinhatta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·41	?
		Cooch Behar ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·22	Nil	1·31
		Mekligunge...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·10	Nil	1·43
		Matabhanga...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·14	Nil	1·20
	Darjeeling Hill.	Buxa ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·16	Nil	1·09
		Silliguri ...	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·62	2·30	4·84
		Darjeeling ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·23	Nil	1·01
		Kalimpong ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·30	0·07	4·03
		Kurseong ...	......	0·06	......	......	......	......	......	Nil	0·06	0·26	0·06	0·30	0·53	1·15
				......						Nil	Nil	?	Nil	?	Nil	?
BEHAR	Purneah ...	Kissengunge...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·28	Nil	1·42
		Arrareah ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·29	Nil	1·25
		Purneah ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·27	Nil	1·02
		Gondwara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Barsoe ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Manari ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Kaliaganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	North Bhagulpore.	Maddapore ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·32	Nil	1·27
		Soopool	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·23	Nil	1·13
		Protabganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Durbhunga ...	Tajpore ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·31	Nil	1·27
		Durbhunga ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·27	Nil	1·17
		Madhubani ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·38	Nil	1·16
		Bahera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rosera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Mozufferpore	Sitamarhi ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·29	Nil	0·96
		Mozufferpore	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·40	Nil	1·82
		Hajipore ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·34	0·17	1·20
		Paroo ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Mahua ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sidhar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pupri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 16th of January 1892—concld.

Meteorological division.	District.	Station.	Rainfall.							Total—			Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
			Sunday, 10th Jan.	Monday, 11th Jan.	Tuesday, 12th Jan.	Wednesday, 13th Jan.	Thursday, 14th Jan.	Friday, 15th Jan.	Saturday, 16th Jan.	Number of rainy days.	Rainfall of week.	Average normal rainfall of week.				
NORTH BEHAR—*concluded.*	Chumparun ...	Motihari ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·85	Nil	0·87
		Bettiah ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·26	Nil	0·76
		Bagaha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Burhurwa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Sarun ...	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·16	0·07	0·54
		Sewan .	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·43	0·09	1·6[illegible]
		Chuprah ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·33	Nil	1·47
SOUTH BEHAR	Shahabad	Buxar ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·44	0·18	1·85
		Dehree .	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·30	Nil	1·79
		Bhaboooah ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·45	Nil	2·16
		Sasseram ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·28	Nil	1·92
		Arrah ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·35	Nil	1·44
		Mohaniah .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Ugedon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Rammagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Koath ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Sikrour ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Bassawan ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Manaharpur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
	Gya ...	Aurungabad ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·39	Nil	1·1[illegible]
		Gya ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·26	0·73	1·4[illegible]
		Nowadah ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·33	0·07	1·3[illegible]
		Jehanabad ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·42	Nil	1·3[illegible]
		Arwal	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		[illegible]audnagar .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sherghatti .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·26	?
		Rajauli	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pakri Barawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·03	?
	Patna .	Patna ..	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·29	0·21	1·[illegible]
		Dinapore	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·29	0·10	1·5[illegible]
		Behar ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·34	0·06	1·7[illegible]
		Barrh ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·23	0·13	1·5[illegible]
		Bickram .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hilsa .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
	Monghyr ...	Begooserai ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·34	0·05	1·8
		Monghyr	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·20	Nil	1·6
		Jamui .	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·34	0·10	1·2
		Goori .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	South Bhagulpore	Bhagulpore .	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·25	0·01	1·3
		Banka	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·30	0·18	1·7
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bongaon ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Sonthal Pergunnahs.	Rajmehal ..	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·09	0·14	1·1
		Godda ..	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·16	0·08	1·1
		Pakour	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·19	1·85	1·1
		Nya Doomka	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·45	0·38	1·6
		Deoghur	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·27	0·15	2·0
		Jamtara ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·23	0·30	1·4
		Mohagama	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Nanihat .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·76	2[illegible]
CHUTIA NAGPUR.	Hazaribagh .	Pachamba (*Giridi*) ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·22	Nil	
		Hazaribagh	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·33	0·15	1·6
		Semiagurah	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·28	Nil	1·2
		Manudi Hills	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·30	Nil	1·4
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·29	0·50	1·5
		Barhi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·07	
		Chatra ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·05	?
		Karagdeha ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·17	?
		Ramghar .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·15	?
	Lohardugga ..	Lohardugga ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·57	0·22	2·4
		Ranchi ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·30	0·24	1·8
		Palamow	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·43	0·06	1·[illegible]
		Silli .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Balumat	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Husseinabad	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Garwah ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Singbhoom	Chyebassa ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·27	0·54	2·0
		Chakradharpore.	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Ghatsilla ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·88	?
		Bunaragura	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·62	?
	Manbhoom ..	Purulia ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·18	0·65	1·[illegible]
		Gobindpore .	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·33	0·25	
		Raghunathpore.	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	
		Burrabhoom	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·70	
		Jhalda ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·23	?
		[illegible]	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·19	?
		Pandra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?

Explanation.—......indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the* 19*th January* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 16TH OF JANUARY 1892.

On the 9th of January, or the last day of the previous week, there were indications of the formation of a feeble barometric depression over North-Western India. On the morning of the 10th a distinct but feeble depression existed, the centre of which was probably to the south of Allahabad, and on this day pressure had fallen in Bengal by about a twentieth of an inch, and had become generally from about 0·1″ to 0·15″ below the normal. At the same time, also, temperature had risen moderately and had become from 2° or 3° to about 6° in excess of the normal. The depression on this day had however scarcely affected the winds blowing in Bengal. On the 11th the feeble depression had passed in an easterly direction and was lying over Western Bengal and Chutia Nagpur, but the fall of pressure in connection with it was slight and did not exceed a twentieth of an inch. Winds, however, had changed entirely, and southerly winds were blowing in East, South, and Central Bengal, though they were more or less northerly in the northern districts. With this change of wind, temperature again increased rapidly and became from 4° or 5° to 10° above the normal except at the northern stations, where the excess amounts were smaller. At the same time, also, humidity increased very rapidly, and the air became exceptionally moist for the time of year. On the 12th pressure commenced to rise moderately to rapidly and the depression partially filled up, but the abnormal conditions of winds, temperature and humidity continued. On the 13th pressure fell briskly, and again the depression over Bengal became more marked and, as before, very abnormal conditions of temperature, humidity and wind direction obtained. A further rather rapid fall of pressure had occurred on the 14th, the fall being largest at Berhampore, and pressure was largely below the normal, the defect ranging from about 0·15″ to a fifth of an inch at Berhampore, and on this day a very distinct barometric depression existed over Bengal with a centre near Berhampore, and which depression was accompanied by a distinct cyclonic circulation of winds. Conditions continued as before very abnormal and they were decidedly disturbed though the sky remained very free from cloud and no rain fell. On the 15th pressure rose rapidly over the southern half of the province and rose moderately over the northern half, and the depression thus commenced to fill up. Winds also on the 15th became more northerly, while temperature and humidity began to fall, though even on this day the mean temperature was from 3° to 9° or 10° in excess. On the 16th the rather rapid rise of pressure continued, and the depression had practically entirely disappeared, though there was still a general defect of about 0·03″ to 0·05″ over the province. Winds had also become generally northerly and had driven back the moist southerly winds which had previously obtained, while temperature had commenced to fall rapidly and had even become below the normal at some of the northern stations in the province, though there was still a moderate excess elsewhere. On the last day of the week, therefore, conditions were rapidly reverting to their normal cold weather character, though during the greater part of the period under review weather conditions have been very decidedly abnormal.

Pressure—Has been rather largely below the normal for the greater part of the week, and at many stations in the province the defect exceeds a tenth of an inch. The largest defects have been 0·126″ at Dinagepore and 0·118″ at Berhampore, while, on the other hand, defects of only about 0·06″ or 0·07″ have occurred at Gopalpore, Chittagong, Comilla, and Chyebassa.

Temperature.—The mean temperature of the whole province for the week has averaged nearly four degrees in excess of the normal. The excess in Chutia Nagpur and South Behar has equalled from five to five and-a-half degrees, and in East and South-West Bengal from four to four and-a-half.

The variation of temperature is, however, most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in the province are compared with the normal values for the same period. It will be seen that both day and night temperatures have been largely in excess:—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 16th January 1892.

	Normal mean maximum temperature for the week ending 16th January.	Actual mean maximum temperature for the week ending 16th January 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 16th January.	Actual mean minimum temperature for the week ending 16th January 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 16th January.	Actual mean daily temperature for the week ending 16th January 1892.	Variation of actual mean from the normal.
Cuttack	84·3	86·7	+2·4	60·0	59·9	−0·1	72·2	73·4	+1·2
Calcutta	76·7	81·8	+5·1	55·5	58·6	+3·1	66·1	70·2	+4·1
Dacca	78·2	80·7	+2·5	54·8	59·0	+4·2	66·5	69·9	+3·4
Burdwan	78·2	84·2	+6·0	54·9	57·4	+2·5	66·6	70·9	+4·3
Patna	72·3	75·9	+3·6	50·1	52·6	+2·5	61·2	64·3	+3·1
Gya	75·4	80·8	+5·4	50·6	55·6	+5·0	63·0	68·3	+5·3
Purneah	74·8	79·4	+4·6	48·4	45·7	−2·7	61·6	62·6	+1·0
Hazaribagh	72·4	78·7	+6·3	50·7	51·3	+0·6	61·5	66·5	+5·0
Darjeeling	45·6	43·5	−2·1	35·8	34·5	−1·3	40·7	39·0	−1·7

Rainfall.—Except for a few drops of rain at Kalimpong on the 11th, the whole province has been rainless throughout the week.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 16th of January 1892 :—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th Oct. 1891.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	80·4	55·5	82·8	60·6	71·7	+2·1	Nil	0·03	—0·03	0·00	0·06	—0·06	Nil	0·10	6·44	4·22
South-West Bengal ...	91·3	50·0	83·1	57·4	70 3	+4 6	Nil	0·05	—0·05	0·00	0·13	—0·13	Nil	0 19	1·05	2·02
East Bengal	83·3	50·1	79·5	57·0	68·2	+3·8	Nil	0·08	—0·08	0·00	0·17	—0·17	Nil	0·23	2·41	6·07
North Bengal	82·6	46·2	78·4	51·4	65·1	+3·0	Nil	0·12	—0·12	0·00	0·20	—0·20	Nil	0·25	0·65	1·42
North Behar	81·2	42·3	78 6	48 9	63 8	+2·6	Nil	0·15	—0·15	0·00	0·25	—0·25	Nil	0·31	0·02	1·23
South Behar	84·1	49·0	79·6	54·3	67·0	+4·9	Nil	0·14	—0·14	0·00	0·30	—0·30	Nil	0·30	0·19	1·53
Chutia Nagpur	81·2*	49·2*	78·8*	54·5*	66·7*	+5·4*	Nil	0·11	—0·11	0·00	0·27	—0·27	Nil	0 33	0·25	1·67

* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL,
The 19th January 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 10th to 16th January 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature.						Hygrometry.			Rainfall past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches	°	°	°	°	°	°	Inches.	°	%	Inches.
January ..	10th ...	30 019	69·3	81 9	25·2	56·7	71·4	64·6	·533	60·8	72	Nil.
,, ...	11th ...	29·987	72·7	83·9	22·5	61·4	74·6	69·8	·665	67·1	78	,,
,, ...	12th ...	30 044	72·5	82·9	20·8	62·1	69·6	67·6	·650	66·4	90	,,
,, ...	13th ...	29 989	72·1	83 9	23·6	60·3	73·4	69·6	·674	67·4	82	,,
,, ...	14th .	·948	74·4	87·0	25·3	61·7	76·6	69·1	·625	65·2	71	,,
,, ...	15th .	30 015	70·9	81·9	22 0	59 9	75·6	61·7	·365	50·2	41	,,
,, ...	16th ...	·066	68·2	79·9	23·4	56·5	72·2	60·2	·350	49·2	43	,,

	Inches.
The mean 10 A.M. pressure of the seven days	30·010
The mean temperature of the seven days	71°·4
The extreme variation of temperature	30·5
The maximum temperature	87·0
	%
The mean 10 A.M. relative humidity of the seven days	68
The total fall of rain from 10th to 16th January 1892	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The 18th January 1892.

Results of the Meteorological Observations taken at the Alipore Observatory from 10th to 16th January 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Temperature. Maximum.	Temperature. Range.	Temperature. Minimum.	Hygrometry. Mean wet bulb.	Hygrometry. Vapour tension.	Hygrometry. Dew point.	Hygrometry. Humidity.	Wind. Prevailing direction.	Wind. Miles recorded.	Rain.	Weather.
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Jan.	10th	130 9	8 8	29·918	66·8	80·1	25 1	55 0	61·3	0·475	57·5	74	S E by S and S W	82	Nil	Clear, ⌓, ≡.
„	11th	134·4	8·2	·916	69·7	82·8	22·3	60 5	65·3	568	62·6	80	S W and S S W ...	119	„	Clear, ⌓, ≡
„	12th	132 4	8·5	·957	69·7	82·6	22·4	60·2	64·8	·518	61·5	77	S S W, S W by S and variable.	46	„	Clear, ⌓, ≡.
„	13th	135 0	8·7	·917	69·9	82 7	23·3	59 4	65 1	·560	62·2	79	W S W, S S W and calm.	79	„	Clear, ⌓, ≡.
„	14th	137·8	9·4	·878	71·9	85 5	23 7	61·8	66·0	·565	62·4	75	S S W, W S W and S W.	113	„	Chiefly clear, ⌓, ≡
„	15th	132 9	9·4	·951	69·4	80 2	21·2	59 0	62·3	·470	57·2	68	W N W and N N W.	51	„	Clear, ⌓, ≡
„	16th	132·8	9·3	30 003	66·5	78 7	22 3	56·4	57·7	363	50·1	60	N N W and N W ...	70	„	Clear ⌓.

	Inches.
The mean pressure of the seven days	29 934
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	30 028
	Hours.
The total number of hours of bright sunshine	62 3
The maximum possible number of hours of sunshine	75·8
	°
The mean temperature of the seven days	69 1
The average temperature of the corresponding period for 24 years, S.-G.'s Office	66 7
The extreme variation of temperature	30 5
The maximum temperature	85·5
	Miles.
The highest velocity of the wind in one hour	11
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	73
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	70
	Inches.
The total fall of rain from 10th to 16th January 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·04
The total fall from 1st to 16th January 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·13

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

⌓, dew ≡, fog.

N.B.—In the weekly report from 20th to 26th December 1891, read "30·125" for "30·25" as mean pressure barometer at 32 Fahr. on the 26th December 1891.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 18th January 1892.

MEMORANDUM.

Report on the Monthly Statistics of Deaths registered in forty-five districts of Bengal for the month of October 1891.

The total number of deaths registered in forty-five districts of Bengal during the month of October 1891 amounted to 149,140, against 130,294 in October 1890 and an average of 139,989 in the corresponding month of the previous five years, 1886—90. These figures represent an annual death-rate of 27·12, 23·64 and 25·44 per 1,000, respectively, of the aggregate population of those districts, which is 65,859,534. In the following table these results are compared with those of past periods therein specified :—

	October 1886.	October 1887.	October 1888.	October 1889.	October 1890.	Monthly average of five years, 1886—90.	October 1891.
Number of deaths	138,012	134,460	148,569	148,610	130,294	139,989	149,140
Ratio per mille per annum	25 08	24·48	27·00	27·00	23 64	25 44	27·12

The death-rate of October 1891, as will be seen from the above table, is 1·68 higher than the mean rate of the corresponding month of the past five years 1886—90, and is also higher than the rate of the corresponding period of any of the past five years with which comparison is made. In the following statement the mortality of October 1891, as compared with that of the past months of the year, stands as shown below :—

Months.			*Number of deaths.*	*Ratio per mille per annum.*
January	...	...	143,492	26·04
February	...	...	137,553	24·96
March	...	...	168,185	30·60
April	...	...	161,980	29·52
May	...	...	125,975	22 92
June	...	...	140,594	25·56
July	...	...	121,977	22 20
August	...	...	142,154	25 80
September	...	...	149,431	27 12
October	...	...	149,140	27·12

The relative proportions in which the deaths occurred among the different sexes and several classes of the community during October 1891 is shown in the following table :—

	Sex.			Class.				
	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.
Number of deaths	77,571	71,569	...	181	92,984	52,762	160	3,053
Ratio per mille per annum ..	28·44	25·80	110	22·32	26·04	29·64	24·00	21·96

Taking the province as a whole, the mortality was greater among males than among females. Individually considered, this was also the case except in the six districts of Khulna, Dinajpur, Rajshahye, Darjeeling, Julpiguri, and Purneah, where the mortality was greater among the female population than among the male. Of the several classes of the community, it will be seen that in proportion to population, the death-rate among the Mahomedans was the greatest, next among the Hindus, then among the Buddhists, Christians, and other classes.

The following table shows, in order of sequence, the death-rates during the month of October 1891, above 30 per mille per annum. The rates of October 1890 are also given for purposes of comparison :—

Districts.			Ratio per *mille* during— Oct. 1891.	Oct. 1890.	*Districts.*			Ratio per *mille* during— Oct. 1891.	Oct. 1890.
Maldah	...	...	67·32	28·80	Dinajpore	...	...	38·88	29·28
Nuddea	...	...	53·16	25·32	Julpaiguri	...	...	35 64	28·56
Jessore	...	...	44 52	35·16	Monghyr	...	...	34·20	29 64
Rajshahye	...	...	42·36	28 32	Rungpore	...	...	30 84	20·88
Darjeeling	...	...	41·76	36 52	Howrah	...	...	30 72	22·44
Murshedabad	...	...	41·52	52·92	Hughli	...	...	30·60	22·92
Serampore	...	...	40·20	20 00					

The high death-rate in Maldah is mainly due to an excessive mortality from fever, viz. 3,459 deaths out of a total of 3,990. In thirteen districts the death-rate varied between 67·32 and 30·60; in twenty-three they were below 30 and above 20 per mille; and in the remaining nine they ranged between 19·92 and 15· per mille.

In the following table is exhibited the mortality from the several registered death-causes during October 1891 compared with the mortality from the same causes in the corre-ponding month of 1890 and the average of the previous five years 1886—90:—

	Ratio per *mille* during—		
	October 1891.	October 1890.	Monthly average of five years 1886—90.
Cholera	1·08	·84	·84
Small-pox	·08	·04	·02
Fever	21·24	17·88	19 56
Dysentery and diarrhœa	·60	·60	·72
Injury	·36	·48	·48
Other causes	3·48	3·60	3·60

It will be seen that, compared with the figures of both the past periods, there was a considerable increase of fever in October 1891. The highest rate (58·32) was returned from Maldah, Nuddea suffered next severely (46·08), then Jessore (40·80), Rajshahye (36·72), Dinajpur (36·48), Moorshedabad (36·12), Julpaiguri (34·20), Darjeeling (31·08), Rungpore and Purneah (29·04 each), and Monghyr (27·24). There was also a noticeable increase of mortality from cholera. Serampore seems to have suffered the most, the death-rate being 6·36 per mille per annum; then Maldah 6·, Howrah 5·16, Pubna 5·04, Bogra 4·68, Rajshahye 2·88, Shahabad 2·28, and 24-Pergunnahs 2·04. In four districts, viz., Birbhum, Darjeeling, Noakhali, and Singbhum, the disease was entirely absent.

According to *age*, infants under one year of age, as usual, perished in the largest numbers, viz., 189·48 per mille per annum; next came old persons (60 years and upwards) with a death-rate of 68·28 per mille. The lowest death-rate occurred among persons between 10 and 15 years of age, viz., 12·84 per 1,000 per annum.

Detailed information regarding the mortuary statistics of the forty-five districts of Bengal during the month under review will be found in the statement appended.

W. H. GREGG, *Dip. Publ. Health, Camb.*,
Sanitary Commissioner for Bengal.

The 16th January 1892.

Statement showing the Results of the Registration of Deaths in the Districts in Bengal for the month of October 1891.

1	2	3			4							5							6		7		8		9
					MORTALITY ACCORDING TO—																				
					Disease.																Sex.				
DIVISIONS.	DISTRICTS.	POPULATION.			DEATHS FROM—							RATIO PER 1,000 OF POPULATION PER ANNUM.							COMPARISON WITH PREVIOUS PERIODS.		DEATHS AMONG—		RATIO PER 1,000 OF POPULATION PER ANNUM.		
		Males.	Females.	Total.	Cholera.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injury.	Other diseases.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injury.	Other diseases.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the previous month.	Ratio of deaths per 1,000 of population per annum in the corresponding month of the previous year.	Males.	Females.	Males.	Females.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
BURDWAN	Burdwan	669,293	723,528	1,391,823	58	5	2,275	94	32	394	*2,858*	·48	·03	19·44	·72	·24	3·36	*24·36*	23·16	19·32	1,421	1,417	25·44	23·40	109
	Bankura	507,136	534,616	1,041,752	32	2	1,398	33	27	276	*1,756*	·36	·01	15·96	·36	·24	3·12	*20·16*	18·96	13·80	933	823	21·96	18·36	119
	Birbhum	381,563	412,865	794,428	...	...	1,482	7	12	419	*1,920*	...	...	22·32	·09	·12	6·24	*28·92*	28·12	22·56	1,005	915	31·56	26·52	119
	Midnapore	1,243,195	1,272,370	2,515,565	106	115	3,969	159	80	721	*5,150*	·48	·48	18·84	·72	·36	5·36	*24·48*	24·36	23·64	2,020	2,570	25·20	23·70	106
	Hughli	315,665	347,385	663,050	45	...	1,191	104	24	226	*1,594*	·72	...	23·28	1·80	·48	4·08	*30·60*	27·00	22·92	896	878	33·60	30·60	109
	Serampore	174,366	177,589	351,955	190	...	681	131	21	158	*1,181*	6·37	...	25·16	4·44	·60	5·25	*40·20*	32·40	30·60	597	584	41·01	39·26	104
	Total (Hughli including Serampore).	490,031	524,974	1,015,005	235	...	1,871	235	45	384	*2,875*	2·76	...	23·28	2·76	·48	4·44	*33·96*	28·52	25·56	1,483	1,392	36·24	31·80	136
PRESIDENCY	Howrah	316,479	318,902	635,381	277	...	807	225	36	287	*1,632*	5·16	...	15·24	4·20	·60	5·40	*30·72*	24·12	22·44	931	701	35·28	26·28	131
	24-Pergunnahs	860,841	812,521	1,673,362	293	7	2,523	138	81	468	*3,312*	2·04	·04	18·00	·98	·48	1·92	*23·64*	22·68	20·64	1,804	1,508	25·08	22·20	113
	Nuddea	805,779	849,942	1,655,721	449	3	6,373	16	77	433	*7,351*	3·24	·01	46·08	·12	·48	3·12	*53·16*	39·24	25·32	3,599	3,752	53·52	52·92	101
	Jessore	969,271	980,104	1,949,375	242	...	6,600	17	62	281	*7,202*	1·44	...	40·80	·09	·36	1·68	*44·52*	36·24	35·16	3,589	3,613	44·88	44·16	101
	Murshidabad	586,483	640,307	1,226,790	148	...	3,751	27	46	329	*4,251*	1·44	...	36·12	·24	·36	3·12	*41·52*	39·48	25·92	2,108	2,143	41·05	41·08	107
	Khulna	568,402	511,546	1,079,948	28	...	2,008	7	48	223	*2,314*	·24	...	22·20	·07	·48	2·41	*25·68*	25·32	33·72	1,195	1,119	25·20	26·16	96
RAJSHAHYE	Dinajpur	782,292	782,054	1,564,346	26	...	4,612	15	45	225	*4,919*	·12	...	36·48	·07	·36	1·68	*38·88*	31·56	29·28	2,535	2,384	38·88	39·00	99
	Rajshahye	660,040	678,205	1,338,245	333	...	4,151	10	58	234	*4,736*	2·88	...	36·72	·08	·48	2·04	*42·36*	34·32	28·52	2,309	2,427	41·88	42·84	97
	Rungpore	1,067,701	1,030,263	2,097,964	12	...	5,052	11	25	294	*5,394*	·06	...	29·04	·06	·12	1·44	*30·84*	27·24	20·88	2,823	2,571	31·68	29·58	116
	Bogra	372,863	361,888	734,751	292	...	1,036	8	37	117	*1,490*	4·68	...	16·92	·12	·60	1·80	*24·24*	19·92	22·68	794	696	25·44	23·04	110
	Pubna	648,311	663,417	1,311,728	553	...	2,333	26	28	111	*3,051*	5·04	...	21·28	·12	·24	·96	*27·84*	20·40	29·52	1,613	1,438	29·76	25·92	114
	Darjiling	89,351	66,294	155,645	...	...	404	62	1	76	*543*	...	...	31·08	4·08	·07	5·76	*41·76*	30·84	35·52	298	245	39·96	44·28	90
	Julpaiguri	305,972	276,418	582,390	1	1	1,661	8	11	51	*1,733*	·01	·01	34·20	·12	·12	·96	*35·64*	31·44	28·56	874	859	34·20	37·20	91
DACCA	Dacca	1,033,863	1,082,487	2,116,350	44	5	2,686	149	79	556	*3,527*	·24	·01	15·60	·72	·36	3·24	*19·92*	16·44	18·84	1,925	1,602	22·32	17·64	124
	Furreedpore	805,989	825,745	1,631,734	65	5	2,538	28	52	290	*2,978*	·36	·03	18·60	·12	·36	2·04	*21·84*	19·56	21·00	1,672	1,391	24·84	18·84	131
	Backergunj	973,479	927,410	1,900,889	16	21	2,771	2	106	1,103	*4,019*	·09	·12	17·40	·12	·60	6·96	*25·56*	21·36	27·12	2,256	1,893	20·72	24·48	108
	Mymensingh	1,555,840	1,501,103	3,056,943	407	4	3,517	53	57	593	*4,633*	1·56	·01	13·80	·12	·12	2·28	*18·12*	17·04	18·00	2,607	2,026	20·64	16·56	124
CHITTAGONG	Chittagong	531,849	600,492	1,132,341	6	24	1,603	32	61	212	*1,937*	·06	·24	16·12	·24	·60	2·16	*20·52*	20·28	21·48	985	952	22·20	18·96	117
	Noakhali	415,248	405,524	820,772	...	...	1,203	8	63	135	*1,404*	...	...	17·52	·10	·84	1·92	*20·52*	21·12	22·92	713	696	20·52	20·52	100
	Tipperah	768,450	745,911	1,514,361	8	...	1,508	14	58	310	*1,898*	·06	...	11·88	·10	·36	2·40	*15·00*	16·08	19·08	1,061	837	16·56	13·44	123
PATNA	Patna	856,581	895,058	1,751,759	162	3	2,354	157	89	771	*3,567*	·90	·01	17·40	·96	·48	5·28	*25·08*	33·72	28·32	1,940	1,727	27·12	23·04	117
	Gya	1,013,441	1,081,211	2,094,652	296	15	3,800	55	78	781	*5,025*	1·56	·08	21·36	·36	·36	4·32	*28·32*	35·04	32·76	2,557	2,468	29·40	[illegible]	107
	Shahabad	950,250	1,014,459	1,964,709	274	7	3,787	52	69	529	*4,658*	2·28	·03	21·84	·24	·48	3·12	*28·32*	36·60	31·20	2,401	2,237	31·24	26·40	114
	Mozufferpore	1,265,781	1,316,329	2,582,060	242	6	4,125	127	95	715	*5,313*	1·08	·02	19·08	·48	·36	3·24	*24·60*	30·00	20·96	2,829	2,484	26·76	22·56	118
	Durbhanga	1,295,788	1,337,659	2,633,447	206	3	3,065	79	73	270	*3,726*	·96	·01	13·92	·24	·24	1·20	*16·92*	21·12	19·80	2,001	1,725	18·48	15·36	120
	Sarun	1,095,847	1,189,832	2,285,679	81	...	1,9[illegible]	213	125	1,870	*4,312*	·36	...	10·44	1·20	·60	9·72	*22·56*	28·68	24·60	2,318	1,994	25·56	19·92	123
	Champarun	870,627	850,981	1,721,608	151	5	3,102	3	122	782	*4,165*	·84	·02	21·60	·12	·84	5·40	*28·92*	35·40	17·64	2,206	1,959	30·36	27·60	110
BHAGULPORE	Monghyr	969,124	1,000,[illegible]	1,969,774	267	14	4,4[illegible]	101	78	674	*5,615*	1·56	·06	27·24	·60	·36	4·08	*34·20*	36·12	29·64	2,901	2,714	35·88	32·52	110
	Bhagulpore	979,119	987,039	1,966,158	98	...	3,[illegible]65	58	47	490	*4,2[illegible]8*	·48	...	21·72	·24	·24	2·88	*25·92*	30·01	25·80	2,189	2,069	26·76	25·08	106
	Purneah	937,080	911,607	1,848,687	34	3	4,477	3	27	78	*4,602*	·21	·01	29·04	·01	·12	·36	*29·76*	26·16	17·28	2,253	2,349	28·80	30·84	93
	Maldah	546,998	363,450	710,448	358	...	3,459	15	13	145	*3,990*	6·00	...	58·32	·24	·12	2·40	*67·32*	52·20	28·80	2,157	1,833	74·52	60·48	123
	Sonthal Pergunnahs	785,330	782,763	1,568,093	125		1,860	11	52	250	*2,296*	·84	...	14·16	·12	·24	1·92	*17·52*	19·68	12·96	1,221	1,075	18·60	16·44	113
ORISSA	Cuttack	877,702	917,363	1,795,065	174	105	1,556	250	11	747	*2,[illegible]48*	1·08	·60	1[illegible]·32	1·76	·72	4·92	*19·68*	19·32	16·80	1,5[illegible]2	1,434	20·64	18·72	110
	Poori	446,109	441,878	888,487	77	50	3[illegible]0	20[illegible]	74	717	*1,131*	·96	·60	4·68	2·64	·36	9·60	*19·32*	19·80	17·88	745	686	19·92	18·60	107
	Balasore	461,462	483,819	945,281	51	3	1,0[illegible]6	344	65	552	*2,041*	·10	·03	12·16	3·84	·72	7·44	*25·80*	23·04	22·44	1,046	995	27·12	24·60	110
CHOTA NAGPORE.	Hazaribagh	544,903	559,839	1,104,742	34	5	1,640	38	30	302	*2,049*	·36	·04	17·76	·36	·24	3·24	*22·20*	34·60	21·24	1,079	970	23·76	20·14	114
	Lohardugga	796,657	812,587	1,609,244	123	53	2,496	196	79	880	*3,827*	·84	·36	18·60	1·44	·48	6·48	*28·44*	32·28	21·36	1,897	1,930	28·56	28·44	100
	Singbhoom	226,681	227,094	453,775	...	14	509	43	21	90	*677*	...	·36	13·44	1·08	·48	2·28	*17·88*	20·64	17·52	366	311	19·32	16·32	118
	Manbhum	525,328	532,900	1,058,228	31	...	1,270	39	23	304	*1,667*	·24	...	14·40	·36	·24	3·33	*18·84*	23·64	15·00	899	768	20·52	17·28	118
	TOTAL FOR THE PROVINCE.	32,663,700	33,195,834	65,859,534	6,454	471	117,045	3,411	2,460	19,299	*149,140*	1·08	·09	21·24	·60	·36	3·48	*27·12*	27·12	23·64	77,571	71,569	28·44	25·80	110

MORTALITY ACCORDING TO— (10, 11) Class.

Divisions.	Districts.	Deaths among— Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Ratio per 1,000 of population per annum. Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.
Burdwan	Burdwan	...	2,283	555	...	...	...	24·33	25·20	...	...
	Bankura	...	1,630	63	...	64	...	21·58	15·96	...	9·33
	Birbhum	1	1,576	333	...	5	249·96	30·60	24·84	...	4·08
	Midnapore	...	4,668	292	...	190	...	25·98	21·33	...	19·56
	Hughli	1	1,418	275	...	...	41·28	31·92	25·44	...	...
	Serampore	1	1,059	171	...	...	32·76	41·52	34·32	...	...
	Total (Hughli including Serampore).	2	2,427	446	...	...	36·60	33·28	28·29	...	...
	Howrah	3	1,313	316	...	...	17·52	31·44	28·68	...	...
Presidency	24-Pergunnahs	9	2,180	1,122	1	...	10·56	24·08	21·15	48·12	...
	Nuddea	28	2,640	4,683	...	...	52·32	43·44	67·96	...	...
	Jessore	...	2,438	4,764	...	...	...	38·04	48·84	...	...
	Murshidabad	5	2,130	2,116	...	...	127·56	40·24	42·96	...	...
	Khulna	1	1,067	1,306	...	...	15·96	23·64	28·20	...	...
Rajshahye	Dinajpur	...	2,124	2,735	...	...	...	35·52	42·12	...	...
	Rajshahye	...	967	3,769	...	...	...	40·08	43·08	...	...
	Rungpore	1	1,932	3,461	...	...	142·80	28·32	32·40	...	...
	Bogra	...	[illegible]	1,192	...	...	...	25·32	24·00	...	...
	Pubna	...	694	2,352	...	...	...	23·16	29·64	...	...
	Darjeeling	2	486	21	34	...	28·44	45·84	39·60	21·72	...
	Julpaiguri	...	1,025	708	...	...	...	34·36	40·68	...	...
Dacca	Dacca	17	1,498	2,012	...	...	23·16	20·88	19·20	...	...
	Faridpore	1	1,113	1,859	...	...	4·20	20·40	22·80	...	...
	Backerganj	3	1,173	2,571	2	...	9·60	22·44	27·12	4·92	...
	Maimansing	1	1,620	3,012	...	...	79·44	19·56	17·64	...	...
Chittagong	Chittagong	2	384	1,432	123	...	22·08	16·50	21·36	27·24	...
	Noakhali	...	279	1,130	...	...	...	13·72	22·20	...	...
	Tipperah	1	642	1,255	...	...	60·24	15·12	14·88	...	...
Patna	Patna	...	3,293	674	...	...	...	25·68	21·00	...	...
	Gya	1	4,478	546	...	...	124·92	28·32	28·08	...	...
	Shahabad	...	4,330	398	...	...	...	28·56	25·08	...	...
	Mozufferpore	...	4,702	551	...	...	...	25·20	20·88	...	...
	Durbhanga	...	3,297	420	...	...	...	16·92	16·56	...	...
	Sarun	...	3,698	414	...	...	...	23·16	18·36	...	...
	Chumparun	5	3,606	554	...	...	39·96	29·28	27·36	...	...
Bhagulpore	Monghyr	...	5,192	421	...	2	...	35·04	26·88	...	3·24
	Bhagulpore	...	3,575	253	...	...	...	27·00	18·24	...	...
	Purneah	...	2,434	2,168	...	...	...	27·12	35·72	...	...
	Maldah	...	1,971	2,918	...	1	...	62·28	73·44	...	6·54
	Sonthal Pergunnahs	1	1,323	263	...	700	5·84	18·72	25·92	...	13·92
Orissa	Cuttack	4	2,884	60	...	...	29·40	19·80	13·98	...	...
	Poori	...	1,418	23	...	...	...	19·32	10·68	...	...
	Balasore	1	2,065	25	...	...	14·64	26·40	12·60	...	...
Chota Nagpore	Hazaribagh	...	1,703	105	...	151	...	22·08	21·98	...	24·72
	Lohardugga	66	1,601	188	...	1,562	28·44	23·28	29·04	...	35·64
	Singbhum	4	672	1	...	...	15·96	18·00	5·04	...	...
	Manbhum	2	1,524	72	...	69	43·44	19·32	18·96	...	12·48
	TOTAL FOR THE PROVINCE.	181	92,984	52,762	160	3,053	22·32	26·04	29·64	24·00	21·96

MORTALITY ACCORDING TO— (12, 13) Age.

Divisions.	Districts.	Deaths. Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Ratio per 1,000 of population per annum. Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan	Burdwan	513	318	292	145	130	281	267	248	247	407	195·48	31·80	21·60	12·96	12·72	13·20	14·40	19·41	25·56	61·32
	Bankura	306	228	197	102	77	156	155	154	132	249	133·56	22·44	15·60	11·28	9·72	10·44	12·60	19·21	25·44	51·04
	Birbhum	544	354	222	75	53	138	108	124	135	207	362·28	53·28	26·40	11·16	9·48	12·12	10·44	17·16	27·84	53·76
	Midnapore	879	823	510	242	248	460	504	467	404	623	168·72	35·00	17·64	11·61	12·48	11·5[illegible]	16·44	23·88	33·84	54·60
	Hughli	234	216	166	61	66	165	165	176	157	285	165·48	41·80	29·04	11·76	13·20	15·24	18·84	27·84	39·36	92·52
	Serampore	140	186	119	57	63	126	143	95	93	154	167·64	69·96	42·24	22·32	24·00	21·36	29·52	27·84	46·44	94·92
	Total (Hughli including Serampore).	374	432	285	118	129	291	311	271	255	43[illegible]	166·32	53·04	33·48	15·24	16·92	17·40	22·56	27·84	41·76	93·36
	Howrah	267	232	162	80	93	165	130	126	95	262	171·96	44·40	24·84	15·60	19·44	16·32	16·56	24·84	30·36	81·00
Presidency	24-Pergunnahs	477	488	383	162	198	355	312	228	211	498	120·16	30·48	16·80	12·12	17·40	13·68	15·00	22·44	26·28	59·28
	Nuddea	920	1,764	1,223	424	291	375	384	454	470	1,043	280·68	104·16	57·96	29·40	29·04	17·16	20·28	32·76	52·56	119·64
	Jessore	818	1,673	1,168	450	383	549	409	482	468	784	190·36	57·72	48·00	27·48	25·32	20·16	22·68	38·12	44·76	79·44
	Murshidabad	647	853	533	254	177	321	289	274	253	597	330·24	72·36	35·76	24·96	21·48	18·84	19·80	28·40	39·36	92·16
	Khulna	320	375	242	98	142	265	207	193	181	282	131·40	25·08	19·68	10·68	17·76	16·56	16·68	22·80	34·80	54·12
Rajshahye	Dinajpur	864	1,175	533	207	227	475	479	381	243	339	194·72	81·12	25·20	16·56	23·28	21·08	25·92	31·08	36·48	54·60
	Rajshahye	675	1,077	630	239	215	443	444	364	221	428	258·60	79·56	35·16	21·36	24·72	23·04	27·72	34·20	37·20	73·08
	Rungpore	858	1,137	550	251	298	598	523	427	302	471	200·88	50·76	21·28	15·12	23·40	20·40	18·60	24·00	27·60	51·33
	Bogra	211	233	149	73	73	156	166	125	88	166	164·64	28·92	19·56	12·00	14·64	15·00	18·84	22·50	28·92	53·88
	Pubna	283	613	412	186	145	311	272	218	181	411	93·84	40·20	25·20	17·64	18·36	15·36	18·00	21·48	29·52	55·44
	Darjeeling	60	54	47	41	32	109	78	44	34	54	191·64	39·84	30·12	31·32	29·04	37·32	36·36	38·52	56·16	93·00
	Julpaiguri	391	249	127	72	53	191	180	137	100	171	289·80	51·84	17·28	14·16	16·92	13·76	26·76	27·60	35·28	63·48
Dacca	Dacca	527	533	276	157	190	350	282	273	245	685	107·40	21·96	9·84	8·28	14·76	12·60	12·00	17·52	26·04	61·92
	Faridpore	343	541	324	157	173	248	232	217	247	466	101·52	30·24	16·44	10·80	17·16	11·04	12·36	16·68	30·12	54·50
	Backerganj	936	671	395	204	194	334	275	218	259	608	247·92	28·94	17·64	12·24	14·16	11·64	12·72	15·24	28·68	72·12
	Maimansing	560	568	428	290	330	539	473	401	347	682	91·08	16·54	10·20	11·28	16·32	12·60	13·56	18·12	26·64	47·76
Chittagong	Chittagong	541	280	163	68	92	168	172	144	151	352	123·84	23·28	10·32	5·76	11·40	12·00	14·88	17·76	27·24	65·52
	Noakhali	284	216	129	73	77	114	118	94	93	211	146·40	23·04	11·64	9·72	13·20	10·44	13·32	18·08	24·12	58·92
	Tipperah	350	234	123	72	140	193	163	164	149	304	121·68	13·44	6·24	5·28	13·20	9·24	9·72	14·52	21·60	46·56
Patna	Patna	810	635	227	134	94	264	244	308	378	574	255·32	35·88	11·76	9·60	9·96	10·80	11·40	17·04	36·24	53·68
	Gya	1,031	849	350	192	160	418	414	444	392	760	289·20	37·08	14·64	10·92	13·08	14·16	15·36	23·52	33·00	72·84
	Shahabad	727	670	290	170	130	476	446	428	422	870	194·28	32·76	12·72	9·96	13·08	17·40	17·88	25·92	42·24	82·32
	Mozufferpore	533	962	531	287	158	394	394	388	477	880	224·88	35·40	15·96	13·32	11·28	11·40	12·24	17·04	33·72	69·12
	Durbhanga	363	708	352	186	140	335	358	537	328	589	86·52	26·28	10·44	8·76	9·36	9·24	11·52	14·40	22·92	50·16
	Sarun	474	585	241	137	112	387	350	430	342	1,181	107·28	24·96	8·64	6·84	9·00	12·84	12·24	21·84	33·36	102·72
	Chumparun	654	665	292	203	83	298	371	398	377	824	177·48	30·24	14·28	13·80	8·64	12·36	16·32	26·52	43·44	103·32
Bhagulpore	Monghyr	973	1,324	429	224	123	384	310	466	418	995	317·40	62·88	17·16	13·20	10·56	14·76	12·72	25·56	41·28	105·60
	Bhagulpore	727	779	304	204	147	360	417	378	314	493	236·04	40·56	15·12	11·28	12·36	13·20	16·44	23·76	39·12	61·80
	Purneah	677	890	380	225	161	473	465	426	328	577	214·32	51·04	15·84	14·16	14·04	18·12	19·08	27·12	39·24	74·40
	Maldah	483	838	541	250	196	357	312	260	181	502	292·68	120·36	65·04	40·92	39·24	36·72	39·60	46·44	57·48	34·68
	Sonthal Pergunnahs	470	344	241	149	130	238	190	154	132	23[illegible]	181·60	18·12	9·96	9·84	14·64	12·36	10·80	14·28	20·16	37·20
Orissa	Cuttack	720	358	209	103	152	231	275	198	279	394	232·92	19·92	9·24	6·36	13·32	9·12	13·68	14·88	26·92	41·88
	Poori	278	152	82	44	63	119	147	125	150	26[illegible]	219·36	16·08	7·68	6·36	11·28	9·60	13·92	17·76	30·48	64·80
	Balasore	519	270	99	41	51	172	191	182	179	307	393·12	28·32	8·44	4·08	13·20	12·48	17·28	23·52	39·12	74·40
Chota Nagpore	Hazaribagh	511	322	166	92	57	162	162	1[illegible]1	185	241	176·52	24·48	10·36	9·36	9·00	10·68	12·24	16·44	40·08	58·64
	Lohardugga	947	727	419	176	133	303	252	261	2[illegible]0	34[illegible]	263·88	36·48	18·12	11·64	14·28	13·80	13·44	23·64	44·04	65·12
	Singbhum	97	110	64	31	27	76	61	73	64	74	133·20	21·36	10·32	7·20	8·40	12·24	11·40	22·32	34·08	45·48
	Manbhum	357	205	159	128	110	146	134	108	135	188	149·64	17·64	10·44	14·28	14·52	10·32	10·92	14·88	28·68	42·60
	TOTAL FOR THE PROVINCE.	24,454	26,543	15,007	7,210	6,384	13,187	12,574	11,769	10,921	21,091	189·48	39·00	18·24	12·84	15·24	14·28	15·84	22·08	33·60	68·28

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 16th January 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.,*

Sanitary Commissioner for Bengal.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 26th December 1891.

1	2	3			4			5			6	7							8							9	10		11		12
		POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex				
					NUMBER OF—			RATIO PER 1,000 OF POPULATION PER ANNUM.				DEATHS FROM—							RATIO PER 1,000 OF POPULATION PER ANNUM.								DEATHS.		RATIO PER 1,000 OF POPULATION PER ANNUM.		
DISTRICTS.	NAMES OF MUNICIPALITIES.	Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan ...	Burdwan	18,063	16,017	34,080	3	3	*6*	4·6	4·6	*9·2*	100	5	...	6	11	1	3	*26*	7·3	...	9·2	16·8	1·5	4·6	*39·7*	41·2	19	7	54·7	22·7	241
	Raniganj	6,246	4,691	10,937	1	...	*1*	4·7		*4·7*	No female birth.	1	..	4	3	...	2	*10*	4·7	...	19·0	14·3	...	9·5	*47·5*	23·8	7	3	58·3	33·3	175
Bankura ...	Bankura	8,970	8,925	17,895	3	...	*3*	8·7	..	*8·7*	Ditto	...		2	...	...	...	*2*	...	...	5·8	...	..	...	*5·8*	26·2	2	..	11·6	...	No female death.
Birbhum ..	Soori	3,982	3,806	7,848	1	...	*1*	6·6	...	*6·6*	Ditto	...	..	1	1	...	1	*3*	...	...	6·6	6·6	...	6·6	*19·9*	46·4	3	..	39·2	..	Ditto.
Midnapore ...	Midnapore	16,927	16,633	33,560	5	9	*14*	7·7	13·9	*21·7*	55	.	...	11	4	...	7	*22*	...	...	17·0	6·2	...	10·8	*34·1*	31·0	10	12	30·7	37·5	82
Hughli, including Serampore.	Hughli and Chinsurah.	15,858	15,829	31,687	9	9	*18*	14·7	14·7	*29·5*	100	8	...	39	11	...	6	*64*	13·1	..	64·0	18·0	...	9·8	*105·0*	72·2	32	32	104·9	105·1	100
	Serampore ...	13,559	12,937	26,496	15	7	*22*	29·4	13·7	*43·2*	214	2	...	19	19	...	13	*53*	3·9	...	37·3	37·3	...	25·5	*104·0*	94·2	22	31	84·4	124·6	67
	Utterpara	3,046	2,464	5,510	...	2	*2*	...	18·9	*18·9*	No male birth.	...	..	2	1	...	2	*5*	...	...	18·9	9·4	...	18·9	*47·2*	37·7	2	3	34·1	63·3	54
Howrah ...	Howrah	53,153	37,660	90,813	22	10	*32*	12·6	5·7	*18·9*	220	7	..	11	10	2	18	*48*	4·0	...	6·3	5·7	1·1	10·3	*27·5*	33·2	27	21	26·4	29·0	91
	Bali	7,836	6,979	14,815	4	3	*7*	14·0	10·5	*24·6*	133	...	...	1	1	...	1	*3*	...	...	3·5	3·5	...	3·5	*10·5*	24·6	1	2	6·6	14·9	44
24-Pergunnahs.	Cossipore-Chitpore	16,080	10,214	26,294	5	5	*13*	9·9	15·8	*25·7*	62	11	1	39	8	...	6	*65*	21·7	2·0	77·1	15·8	...	11·8	*128·5*	91·0	33	32	106·7	162·9	65
	Manicktolla ...	16,536	12,112	28,648	3	2	*5*	5·4	3·6	*9·1*	150	2	...	12	...	...	1	*15*	3·6	...	21·8	...	...	1·8	*27·2*	30·9	9	6	28·3	25·8	109
	Baranagore ...	15,920	14,062	29,982	21	12	*33*	36·4	20·8	*57·2*	175	3	...	18	2	...	7	*30*	5·2	...	31·2	3·5	...	12·1	*52·0*	53·8	20	10	65·3	37·0	176
	South Suburban	26,400	25,258	51,658	6	9	*15*	6·0	9·0	*15·1*	66	5	...	8	2	...	2	*17*	5·0	..	8·0	2·0	...	2·0	*17·1*	24·2	10	7	19·7	13·4	147
Nuddea ...	Krishnagar ...	13,263	14,214	27,477	7	4	*11*	13·2	7·6	*20·8*	175	26	...	31	1	...	1	*59*	40·2	...	55·7	1·9	...	1·9	*111·7*	79·5	23	36	90·2	131·7	63
	Ranaghat	4,028	4,655	8,683	1	1	*2*	6·0	6·0	*12·0*	100	...	..	2	1	...	1	*4*	..	...	12·0	6·0	...	6·0	*24·0*	41·9	2	2	25·8	22·3	115
	Santipore	13,708	15,979	29,687	4	4	*8*	7·0	7·0	*14·0*	100	8	..	8	...	..	3	*19*	14·0	...	14·0	...	...	5·3	*33·3*	36·8	9	10	34·1	32·5	105
Jessore ...	Jessore	4,830	3,665	8,495	4	1	*5*	24·5	6·1	*30·6*	400	..	...	4	1	...	2	*7*	...	...	24·5	6·1	...	12·2	*42·8*	30·6	5	2	53·8	28·4	189
Murshedabad	Berhampore ...	11,657	11,948	23,605	1	...	*1*	2·2	.	*2·2*	No female birth.	...	...	6	1	...	1	*8*	...	...	13·2	2·2	...	2·2	*17·6*	39·7	3	5	13·4	21·8	61
	City Murshedabad	18,901	20,330	39,231	9	3	*12*	11·9	4·0	*15·9*	300	2	...	17	...	...	1	*20*	2·6	...	22·5	...	...	1·3	*26·5*	46·4	12	8	33·9	20·5	161
Khulna ...	Khulna	3,249	3,043	6,292	1	...	*1*	8·2	...	*8·2*	No female birth.	...	...	2	...	...	...	*2*	...	...	16·5	...	...	...	*16·5*	41·3	1	1	16·0	17·1	93
Dinajpore ...	Dinajpore	7,254	5,306	12,560	...	...	...	...	...	...	...	...	...	8	2	1	2	*13*	...	...	33·1	8·3	4·1	8·3	*53·8*	86·9	8	5	57·3	49·0	116

Raj hahye ...	Rampore Beauleah	10,766	9,025	19,791	2	6	**8**	5·2	15·8	**21·0**	33	3	...	24	1	...	1	**29**	7·9	...	63·1	2·6	...	2·6	**76·2**	73·6	14	15	67·6	86·4	73
Rungpore ...	Rungpore	8,011	5,309	13,320	2	4	**6**	7·8	15·6	**23·4**	50	2	...	11	1	...	5	**19**	7·8	...	42·9	3·9	...	19·5	**74·2**	54·7	15	4	97·4	39·2	248
Bogra ...	Bogra	3,480	2,699	6,179	1	1	**2**	8·4	8·4	**16·8**	100	...	...	...	...	...	1	**1**	...	...	...	...	...	8·4	**8·4**	92·6	...	1	...	19·3	No male death.
Pubna ...	Pubna	7,701	7,566	15,267	8	4	**12**	27·2	13·6	**40·9**	200	...	...	5	1	...	4	**10**	...	...	17·0	3·4	...	13·6	**34·1**	54·5	5	5	33·8	34·4	98
	Serajganj	11,213	9,824	21,037	3	4	**7**	7·4	9·9	**17·3**	75	...	...	3	1	...	1	**5**	...	...	7·4	2·5	...	2·5	**12·4**	24·7	3	2	13·9	10·6	131
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	6	1	**7**	41·5	7·4	**51·9**	600	...	...	4	...	...	1	**5**	...	...	29·6	...	...	7·4	**37·0**	74·1	4	1	45·4	21·3	213
Julpaiguri ...	Julpaiguri ...	4,972	2,975	7,947	1	3	**4**	6·5	19·6	**26·2**	33	...	...	1	3	...	5	**9**	...	...	6·5	19·6	...	32·7	**58·9**	104·7	4	5	41·8	[illegible]	48
Dacca ...	Dacca	42,782	37,379	80,161	29	14	**43**	18·8	9·1	**27·9**	207	8	1	26	2	...	20	**57**	5·2	·6	16·9	1·3	...	13·0	**37·0**	35·7	42	15	51·0	20·9	244
	Narainganj ...	7,605	4,956	12,561	4	5	**9**	16·6	20·7	**37·3**	80	1	...	2	...	1	2	**6**	4·1	...	5·3	...	4·1	8·3	**24·8**	82·8	4	2	27·4	21·0	130
Faridpore ...	Faridpore	5,663	4,600	10,263	...	...	...	...	...	...	...	1	...	10	1	...	...	**12**	5·0	...	50·7	5·0	...	...	**60·8**	81·1	1	11	9·2	124·3	7
Backerganj ...	Barisal	8,701	4,485	13,186	...		...	...	...	...	...	2	...	1	...	1	1	**5**	7·9	...	3·9	...	3·9	3·9	**19·7**	23·7	3	2	17·9	23·2	77
Mymensing ...	Nasirabad ...	10,443	4,413	14,856	...	2	**2**	...	7·0	**7·0**	No male birth.	...	...	1	...	...	...	**1**	...	...	3·5	...	...	...	**3·5**	10·5	...	1	...	11·8	No male death.
Chittagong ...	Chittagong ...	13,340	8,790	22,130	1	...	**1**	2·3	...	**2·3**	No female birth.	...	...	...	...	1	...	**1**	...	...	...	...	2·3	...	**2·3**	4·7	1	...	3·9	...	No female death.
Noakhali ...	Sudharam ...	3,410	1,714	5,124	...		...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
Tipperah ...	Comillah	8,153	5,353	13,506	4	5	**9**	15·4	19·3	**34·7**	80	...	...	2	...	...	1	**3**	...	...	7·7	...	...	3·9	**11·6**	34·7	...	3	...	29·1	No male death.
Patna ...	Patna City ...	78,762	81,475	160,237	27	33	**60**	8·8	10·7	**19·5**	82	4	1	27	7	...	22	**61**	1·3	·3	8·8	2·3	...	7·1	**19·8**	17·5	32	29	21·2	18·5	114
	Behar	23,799	25,172	48,971	4	7	**11**	4·2	7·4	**11·7**	57	...	...	5	3	...	1	**9**	...	...	5·3	3·2	...	1·1	**9·6**	25·5	6	3	13·1	6·2	211
Gya ...	Gya	38,290	37,831	76,121	26	25	**51**	17·8	17·0	**34·8**	104	1	...	40	...	...	14	**55**	·7		27·3	...	...	9·6	**37·6**	35·9	28	27	35·0	37·1	102
Shahabad ...	Arrah	20,960	22,505	43,465	10	12	**22**	12·0	14·3	**26·3**	83	...	...	8	1	3	3	**15**	...	...	9·5	1·2	3·6	3·6	**17·9**	15·6	7	8	17·4	19·5	94
	Buxar	9,299	8,369	17,668	3	4	**7**	8·8	11·8	**20·6**	75	...	...	1	1	...	...	**2**	...		2·9	2·9	...	...	**5·9**	2·9	1	1	5·6	6·2	90
Mozufferpore...	Mozufferpore ...	23,084	19,658	42,742	8	7	**15**	9·7	8·5	**18·2**	114	...	...	7	...	...	4	**11**	...	...	8·3	...	...	4·9	**13·4**	13·4	6	5	13·5	13·2	102
Durbhanga ...	Durbhanga ...	33,774	32,322	66,096	20	12	**32**	15·7	9·4	**25·2**	106	...	...	13	...	...	2	**15**	...	...	10·2	...	...	1·6	**11·8**	11·8	6	9	9·2	11·5	63
Saran ...	Chupra	25,116	26,554	51,670	15	19	**34**	15·1	19·1	**34·2**	78	...	1	10	5	1	14	**31**	...	1·0	10·1	5·0	1·0	14·1	**31·2**	34·2	24	7	49·7	13·7	363
Chumparun ...	Motihari	6,328	3,979	10,307	2	2	**4**	10·1	10·1	**20·2**	100	...	...	5	5	...	2	**12**	...	...	25·2	25·2	...	10·1	**60·5**	50·5	6	6	49·3	78·4	63
Monghyr ...	Monghyr	28,154	29,366	57,520	22	26	**48**	19·9	23·5	**43·4**	84	...	...	15	6	...	11	**32**	...	...	13·6	5·4	...	9·9	**28·9**	29·8	18	14	53·2	24·8	138
	Jamalpore ...	7,456	6,107	13,563	4	6	**10**	16·3	23·0	**38·3**	66	...	...	1	...	...	3	**4**	...	...	3·8	...	...	11·5	**15·3**	30·7	4	...	27·9	...	No female death.
Bhagulpore ...	Bhagulpore ...	34,916	33,322	68,238	22	17	**39**	16·8	12·9	**29·7**	129	1	...	17	9	2	9	**38**	·8	...	12·9	6·9	1·5	6·9	**29·0**	35·1	27	11	40·2	17·2	233
Purneah ...	Purneah	8,463	6,553	15,016	1	3	**4**	3·5	10·4	**13·9**	33	...	...	7	...	...	...	**7**	...	...	24·2	...	...	...	**24·2**	27·7	4	3	24·6	23·8	103
Maldah ...	English Bazar ...	6,289	6,141	12,430	4	2	**6**	16·7	8·3	**25·1**	200	2	...	12	1	...	2	**17**	8·3	...	50·2	4·2	...	8·3	**71·1**	108·8	7	10	57·9	81·7	68
Sonthal Pergunnahs.	Deoghur	4,964	3,041	8,005	3	1	**4**	19·5	6·5	**26·0**	390		...	1	...	...	2	**3**	...	...	6·5	...	...	13·0	**19·5**	6·5	1	2	10·5	34·2	30
Cuttack ...	Cuttack	22,632	20,607	43,239	6	10	**16**	7·2	12·0	**19·2**	60	...	4	6	...	...	13	**23**	...	4·8	7·2	...	...	15·6	**27·7**	37·3	9	14	29·6	35·3	58
Poori ...	Poori	13,247	11,537	24,784	9	3	**12**	18·9	6·3	**25·2**	390	2	1	10	3	...	7	**23**	4·2	2·1	21·0	6·3	...	14·7	**48·3**	69·2	15	8	58·9	36·1	163
Balasore ...	Balasore	10,282	9,983	20,265	5	5	**10**	12·5	12·8	**25·7**	100	2	...	2	1	...	7	**12**	5·1	...	5·1	2·6	...	18·0	**30·8**	15·4	5	7	25·3	35·5	69
Hazaribagh ...	Hazaribagh ...	7,639	7,667	15,306	4	2	**6**	13·6	6·8	**20·4**	200	...	...	5	7	1	4	**17**	...	...	17·0	23·8	3·4	13·6	**57·8**	20·4	11	6	74·9	40·7	193
Lohardugga ...	Ranchi	10,101	8,342	18,443	1	3	**4**	2·8	8·4	**11·3**	33	...	...	1	1	...	1	**3**	...	...	2·8	2·5	...	2·5	**8·4**	33·8	...	3	...	15·7	No male death.
Singbhum ...	Chaibassa	3,126	2,880	6,006	2	...	**2**	17·3	...	**17·3**	No female birth.	...	...	2	...	...	2	**4**	...	...	17·3	...	...	17·3	**34·6**	26·0	4	...	69·5	...	No female death.
Manbhum ...	Purulia	5,060	4,244	9,304	5	...	**5**	27·9	...	**27·9**	Ditto ...	...	...	1	1	...	2	**4**	...	...	5·6	5·6	...	11·2	**22·4**	11·2	2	2	20·6	24·5	54
	Total ...	872,026	785,969	1,657,995	389	335	**724**	12·2	10·5	**22·7**	116	109	9	537	140	14	247	**1,056**	3·4	·3	16·8	4·4	·4	7·7	**33·1**	36·1	579	477	34·5	31·6	109

DISTRICTS.	NAMES OF MUNICIPALITIES.	13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
		Deaths among—					Ratio per 1,000 of population per annum.					Deaths.										Ratio per 1,000 of population per annum.									
		Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	16	10	..	...	...	35·1	50·7	...	...	2	2	1	1	5	5	4	...	1	5	157·6	46·1	22·3	20·7	83·2	32·8	30·2	...	21·2	175·4
	Raniganj	...	10	..	...	...	...	58·3	...	...	...	1	...	...	...	1	1	2	1	2	2	221·3	...	...	...	63·6	21·5	48·8	41·6	172·2	249·4
Bankura ...	Bankura	...	2	...	...	...	...	6·1	...	...	...	...	2	...	...	...	...	...	...	...	...	...	54·4	...	...	...	...	...	...	...	...
Birbhum ...	Soori	...	2	1	...	...	...	17·8	26·1	...	...	1	...	...	..	1	...	...	...	1	...	295·9	...	...	...	67·4	...	...	...	59·2	...
Midnapore ...	Midnapore ...	...	21	1	...	...	...	42·1	7·2	...	...	4	2	1	...	2	2	3	1	2	5	279·9	44·2	13·9	...	32·9	14·3	28·1	14·0	50·4	142·1
Hughli, including Serampore.	Hughli and Chinsurah.	...	52	12	...	...	...	107·9	101·2	..	...	7	10	5	3	4	10	6	4	2	13	453·3	234·3	90·1	62·9	82·9	83·8	54·7	49·9	40·0	326·1
	Serampore ...	...	45	8	.	...	...	92·7	443·5	...	...	5	8	2	3	...	3	8	6	2	16	366·2	230·5	41·4	70·3	...	29·0	85·7	92·5	54·3	598·1
	Utterpara	...	5	...	...	...	...	48·8	...	..	...	...	...	1	1	...	2	1	...	...	...	...	...	111·6	108·6	...	90·4	49·0	...	...	...
Howrah ...	Howrah	...	33	15	...	...	...	25·2	38·0	...	...	8	3	1	1	7	9	5	3	4	8	201·6	18·8	8·3	7·9	49·7	20·6	13·5	13·3	37·9	110·9
	Bali	...	2	1	...	...	...	7·8	39·7	..	...	.	...	...	...	.	1	...	...	...	2	...	...	...	...	...	15·5	...	...	...	142·1
24-Pergunnahs.	Cossipore-Chitpore	...	45	20	...	...	...	128·1	132·1	...	...	13	6	4	3	4	6	5	7	5	10	1,414·2	353·7	265·3	61·9	228·8	43·7	40·6	145·4	267·2	1,111·1
	Manicktola ...	...	10	6	...	...	...	31·1	22·6	...	...	2	2	1	...	2	2	2	2	...	2	1,677·3	759·1	321·0	...	54·7	12·8	12·8	23·1	...	109·8
	Baranagore ..	...	27	3	...	...	...	54·5	37·6	...	...	5	3	4	1	1	2	5	...	2	7	384·1	76·0	83·4	22·2	22·7	16·2	44·5	...	5·3	217·3
	South Suburban ..	...	14	3	...	...	...	23·0	8·0	...	...	1	3	1	1	3	1	2	2	1	2	30·2	32·8	10·2	10·9	35·3	5·1	12·0	17·6	15·7	32·0
Nuddea ...	Krishnagar ...	1	35	23	...	...	91·7	97·7	144·4	...	...	4	15	5	2	1	2	5	8	5	12	419·4	316·2	75·6	37·0	25·3	21·6	60·7	127·5	123·4	361·1
	Ranaghat	..	3	1	...	...	...	21·3	38·1	..	...	2	..	..	...	...	..	1	.	...	1	502·4	...	...	...	...	...	41·7	...	...	91·4
	Santipore ...	...	18	1	...	...	...	45·2	5·8	...	...	3	3	2	1	2	..	...	...	2	6	184·6	53·8	27·5	17·9	46·7	...	...	...	45·2	158·9
Jessore ...	Jessore	...	3	4	...	..	...	34·6	54·4	...	...	...	2	...	...	...	...	...	1	2	2	...	210·5	...	...	...	...	...	49·5	184·7	227·1
Murshedabad.	Berhampore ...	...	7	1	...	...	..	20·0	10·0	..	..		3	1	...	...	1	1	1	1	...	...	97·9	21·6	...	...	11·7	11·7	15·5	27·7	...
	City Murshedabad	...	14	6	...	..		32·0	19·7	...	...	1	..	2	1	1	..	3	4	4	4	68·2	...	30·2	18·0	20·1	...	21·5	60·4	58·6	67·2
Khulna ...	Khulna	...	1	1	...	...	...	16·3	17·1	...	...		.	..	1	...	1	...	...	..	...	...	...	...	71·9	...	48·5	...	...	...	...
Dinajpore ...	Dinajpore ...	...	7	6	...	..	...	60·1	48·7	...	...	1	...	...		...	4	1	1	2	4	252·4	...	...	...	...	77·2	21·0	33·2	125·3	325·5
Rajshahye ...	Rampore Beauleah	...	13	16	...	...	...	68·2	84·8	...	...	4	7	2	...	1	3	2	6	...	4	512·3	256·7	50·0	...	31·3	37·5	23·9	127·2	...	216·6
Rungpore ...	Rungpore ...	...	10	9	...	...	...	80·3	70·4	...	...	4	1	1	1	...	4	2	4	1	1	892·7	58·1	41·3	47·9	...	65·7	37·8	131·7	70·7	101·0
Bogra ...	Bogra ...	..	1	..	..	...	...	19·5	...	...	...		...	.	...	.	...	...	...	...	1	...	...	...	...	...	...	...	...	...	165·6

Pubna ...	Pubna ...	...	...	2	8	...	...	...	14·6	51·3	...	...	2	...	2	1	...	1	...	...	1	3	262·0	...	61·5	37·7	...	17·9	...	...	51·4	156·8
	Serajganj	...	...	4	1	...	...	...	24·3	4·2	...	...	1	...	...	...	2	2	...	...	...	...	96·5	...	...	...	63·8	28·3	...	...	...	...
Darjeeling ...	Darjeeling	...	...	5	...	...	...	...	56·6	...	...	...	2	...	...	...	...	2	...	1	...	...	859·5	...	...	...	...	53·0	...	75·1	...	...
Julpaiguri ...	Julpaiguri	...	...	8	1	...	...	...	98·0	14·3	...	...	1	...	2	...	...	1	5	...	...	...	353·7	...	114·0	...	...	28·7	172·4	...	...	...
Dacca ...	Dacca ...	...	...	33	24	...	...	...	42·6	31·7	...	...	10	10	2	...	5	8	4	3	4	11	274·0	70·5	10·5	...	35·6	27·2	17·8	18·6	43·9	102·6
	Narainganj	...	...	3	3	...	...	...	24·7	25·3	...	...	2	1	...	...	...	1	...	...	..	2	372·8	45·6	...	...	...	19·5	...	...	...	152·5
Faridpore ...	Faridpore	...	...	3	9	...	...	...	29·2	96·4	...	...	1	3	2	...	1	...	2	1	1	1	232·2	125·1	103·8	...	72·7	...	71·2	44·6	61·5	70·2
Backerganj ...	Barisal	...	1	3	1	...	...	213·1	25·8	7·6	...	...	...	...	...	...	1	...	1	3	...	...	...	...	...	...	41·1	...	20·8	102·6	...	...
Mymensing ...	Nasirabad	...	...	1	...	...	...	..	6·8	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	29·5	...	...
Chittagong ..	Chittagong	...	...	1	...	...	...	...	9·0	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	15·6	...	...	...
Noakhali ...	Sudharam	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tipperah ..	Comillah ...	...	...	1	2	...	...	...	8·7	14·1	...	...	...	...	...	..	1	...	...	1	...	1	...	...	...	...	41·3	...	...	39·6	...	78·7
Patna ...	Patna City	...	...	50	11	...	...	...	21·9	14·0	...	...	7	3	3	1	5	10	3	2	8	19	84·5	10·7	9·3	3·6	23·3	18·0	6·7	5·5	29·4	71·5
	Behar ...	...	...	7	2	...	...	...	10·8	6·8	...	...	...	3	2	...	1	1	1	...	...	1	...	26·9	17·2	...	17·4	6·1	7·4	...	...	14·5
Gya ...	Gya ...	...	...	39	16	...	...	...	33·8	51·7	...	...	10	5	1	2	3	...	5	8	4	17	290·5	40·9	7·4	15·5	29·8	...	20·4	42·6	31·6	171·8
Shahabad ...	Arrah ...	...	...	13	2	...	...	...	21·8	8·4	...	...	3	...	...	...	...	1	3	2	...	6	121·1	...	...	...	...	6·6	24·2	22·2	...	105·2
	Buxar ...	...	...	2	...	...	...	...	7·5	...	...	...	2	...	...	...	...	...	...	...	...	...	250·6	...	...	...	...	...	...	...	...	...
Mozufferpore ..	Mozufferpore	...	...	6	5	...	...	...	10·4	20·8	...	...	...	...	1	...	..	2	3	1	2	2	...	...	11·6	...	...	12·1	22·4	10·4	38·0	42·7
Durbhanga ...	Durbhanga	...	...	12	3	...	...	...	12·9	8·9	...	...	5	2	...	...	...	...	2	...	1	5	167·0	13·7	...	...	...	...	9·3	...	11·9	82·4
Sarun ...	Chupra ...	...	...	27	4	...	...	...	35·4	17·5	...	...	10	2	3	1	2	2	1	4	1	5	368·3	20·1	26·2	10·4	30·0	11·3	6·7	34·2	12·6	76·4
Chumparun ...	Motihari ...	...	...	9	3	...	...	...	62·2	56·3	...	...	1	2	2	1	1	...	2	2	1	...	379·6	105·9	94·1	39·9	78·0	...	70·2	96·9	55·7	...
Monghyr ...	Monghyr ...	...	...	28	4	...	...	...	32·6	16·5	...	...	3	6	1	2	2	3	1	1	2	11	105·1	50·1	7·4	18·1	27·5	15·1	5·8	8·2	26·2	159·6
	Jamalpore	...	...	3	1	...	...	...	15·9	16·8	...	...	1	...	...	...	...	..	1	..	...	2	146·5	...	...	...	...	...	21·6	...	...	155·9
Bhagulpore ...	Bhagulpore	...	...	30	8	...	...	...	31·9	22·0	...	...	7	4	1	2	2	3	4	3	3	9	253·7	32·1	7·3	14·3	21·0	12·8	19·0	20·4	30·8	108·8
Purneah ..	Purneah ...	...	...	4	3	...	...	...	22·7	27·6	...	...	1	...	...	...	...	...	2	1	3	...	183·7	...	...	...	...	...	36·5	28·0	166·5	...
Maldah ..	English Bazar	...	...	8	9	...	...	...	57·2	90·9	...	...	2	3	3	...	1	1	2	1	...	4	332·5	163·9	103·9	...	48·9	22·6	48·4	35·3	...	295·9
Sonthal Pergunnahs.	Deoghur ...	...	...	3	...	...	...	...	20·2	...	...	...	...	1	...	...	1	...	...	...	...	1	...	90·4	...	...	80·2	...	...	...	...	136·1
Cuttack ...	Cuttack ...	...	3	17	3	...	..	84·3	26·3	20·2	...	...	5	4	4	...	1	1	1	1	3	3	253·4	55·6	41·8	...	12·9	6·0	8·5	11·5	50·6	52·9
Poori ...	Poori ...	...	...	23	...	..	...	...	48·8	...	...	...	3	1	...	...	...	5	5	...	5	4	514·9	28·9	...	...	...	49·2	64·2	...	116·5	115·2
Balasore ...	Balasore ...	..	...	8	4	...	...	...	24·7	67·8	...	...	4	...	1	...	1	2	...	...	1	3	393·2	...	20·3	...	30·4	25·5	...	...	40·6	134·7
Hazaribagh ..	Hazaribagh	...	...	16	1	...	..	...	75·6	12·6	...	...	4	3	...	...	...	3	3	1	1	2	427·1	85·7	...	...	...	59·9	73·1	31·9	49·0	124·3
Lohardugga ...	Ranchi ...	...	...	1	..	...	2	...	5·6	...	...	44·1	...	...	1	...	...	2	...	...	...	...	...	...	23·5	...	...	27·3	...	...	...	...
Singbhum ..	Chaibassa ..	..	2	2	...	...	...	963·0	20·3	...	...	...	1	...	1	...	...	...	...	1	...	1	321·0	...	60·7	...	...	...	...	82·5	...	285·7
Manbhum ...	Purulia ...	...	..	3	1	...	...	...	20·0	41·7	...	..	2	...	...	...	...	1	1	...	...	...	557·6	...	...	...	...	26·1	30·7	...	...	...
	TOTAL ...		7	771	276	..	2	26·2	34·7	29·7	...	21·9	158	124	68	30	65	113	111	89	80	220	214·1	45·2	30·2	10·4	26·8	17·5	20·6	23·8	35·6	115·5

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 19th January 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.*,

Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT, BENGAL.

Statements showing quantities of goods carried on Canals in Bengal, classed as Major Works, for the quarter ending 30th September 1891.

ORISSA CIRCLE.

TALDUNDA CANAL SYSTEM.

LENGTH OF CANAL OPEN { TALDUNDA CANAL, 27 MILES. / MACHGONG „ 4 „

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
...	1. Cotton, raw and manufactured	...	......	......	......	......	......	......
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans ...	...	......	......	......	......	......	......
70	4. Rice or wheat ...	...	87	1,444	1,531	2,19,800	1,531	2,19,800
82	5. Other food-grains ...	...	122	299	421	12,450	421	12,450
...	6. Hides and skins ...	..	......	......	......	......	......	......
...	7. Liquors	...	......	......	......	......	......	......
...	8. Metals	...	......	......	......	......	......	......
1	9. Oils	...	......	4	4	616	4	616
3	10. Oilseeds	...	......	18	18	2,050	18	2,050
2	11. Provisions	...	1	1	2	40	2	40
14	12. Salt	...	......	128	128	13,530	128	13,530
6	13. Spices	...	......	37	37	3,500	37	3,500
9	14. Sugar	...	......	37	37	8,280	37	8,280
...	15. Tobacco	...	......	......	......	......	......	......
1	16. Building materials ...	...	......	5	5	15	5	15
86	17. Miscellaneous goods ...	...	21	1,272	1,293	4,014	1,293	4,014
...	18. Timbers	..	......	......	......	......	......	......
1	19. Firewood	...	......	4	4	15	4	15
...	20. Bamboos	..	......	......	......	......	......	......
...	21. Coal or coke	...	......	......	......	......	......	......
...	22. Jute	...	......	......	......	......	......	......
...	23. Treasure	...	......	......	......	......	......	......
225	Total boat traffic ...	Tons	231	3,249	3,480	2,64,310	3,480	2,64,310
7	24. Timber in logs ...	C. ft.	......	385	385	179	385	179
7	25. Squared timber ...	...	......	690	690	795	690	795
...	26. Sleepers, broad gauge ...	..	......	......	......	......	......	......
...	27. „ metre „ ...	...	......	......	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
7	31. Bamboos	C. ft.	......	2,325	2,325	130	2,325	130
...	32. Reeds	...	......	......	......	......	......	......
21	Total raft traffic ...	C. ft.	......	3,400	3,400	1,104	3,400	1,104
Boats 225 Rafts 21	GRAND TOTAL ...	Tons C. ft.	231	3,249 3,400	3,480 3,400	2,65,414	3,480 3,400	2,65,414

KENDRAPARA CANAL SYSTEM.

Length of Canal open, 75 miles.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity--Tons.			Value.	Quantity.	Value.
			Up	Down.	Total.	Rupees.	Tons.	Rupees.
3	1. Cotton, raw and manufactured ...		33	......	33	9,000	33	9,000
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans		......	......	......	......	......	......
394	4. Rice or wheat		808	6,525	7,333	6,69,320	7,333	6,69,320
97	5. Other food-grains		585	41	626	27,450	626	27,450
5	6. Hides and skins		1	94	95	12,800	95	12,800
...	7. Liquors		......	......	......	......	......	......
4	8. Metals		73	......	73	7,600	73	7,600
22	9. Oils		387	4	391	64,870	391	64,870
85	10. Oilseeds		45	2,877	2,922	3,84,990	2,922	3,84,990
4	11. Provisions		2	2	4	70	4	70
55	12. Salt		134	104	238	20,520	238	20,520
65	13. Spices		1,532	9	1,541	2,09,800	1,541	2,09,800
38	14. Sugar		14	162	176	27,420	176	27,420
3	15. Tobacco		......	11	11	1,550	11	1,550
31	16. Building materials		25	365	390	3,500	390	3,500
126	17. Miscellaneous goods		568	310	878	1,42,710	878	1,42,710
34	18. Timbers		......	809	809	22,520	809	22,520
24	19. Firewood		94	47	141	530	141	530
3	20. Bamboos		......	14	14	60	14	60
8	21. Coal or coke		22	21	43	1,200	43	1,200
...	22. Jute		......	......	......	......	......	......
...	23. Treasure		......	......	......	......	......	......
1,001	Total boat traffic ...	Tons	4,323	11,395	15,718	16,05,910	15,718	16,05,910
3	24. Timber in logs ...	C. ft.	......	3,294	3,294	390	3,294	390
...	25. Squared timber ...	...	......	......	......	......	......	......
...	26. Sleepers, broad gauge ...	...	......	......	......	......	......	......
...	27. " metre " ...	...	......	......	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
3	31. Bamboos	C. ft.	......	481	481	50	481	50
...	32. Reeds	...	......	......	......	......	......	......
6	Total raft traffic ...	C. ft.	......	3,775	3,775	440	3,775	440
Boats 1,001	Grand Total ...	Tons	4,323	11,395	15,718	16,06,350	15,718	16,06,350
Rafts 6		C. ft.	......	3,775	3,775		3,775	

HIGH LEVEL CANAL, RANGE I.

Length of Canal open, 33 miles.

Number of boats and rafts.	Description.		Total Government and Private. Quantity—Tons. Up.	Down.	Total.	Value, Rupees.	Private. Quantity. Tons.	Value. Rupees.
9	1. Cotton, raw and manufactured ...		......	27½	27½	8,100	27½	8,100
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans		......	......	......	......	......	......
264	4. Rice or wheat		1,314	11	1,325	56,340	1,325	56,340
76	5. Other food grains		364	89	453	24,700	453	24,700
3	6. Hides and skins		2½	......	2½	1,200	2½	1,200
...	7. Liquors		......	......	......	......	......	......
3	8. Metals		2	½	2½	1,300	2½	1,300
...	9. Oils		......	......	......	......	......	......
60	10. Oilseeds		436	1	437	35,900	437	35,900
1	11. Provisions		......	½	½	40	½	40
157	12. Salt		......	705	705	58,380	705	58,380
...	13. Spices		......	......	......	......	......	......
17	14. Sugar		23	3	26	3,800	26	3,800
15	15. Tobacco		6	43	49	25,580	49	25,580
38	16. Building materials		120	17	137	1,013	137	1,013
107	17. Miscellaneous goods		273	242	515	66,422	515	66,422
2	18. Timbers		2	......	2	120	2	120
6	19. Firewood		44	......	44	125	44	125
2	20. Bamboos		......	2	2	15	2	15
...	21. Coal or coke		......	......	......	......	......	......
...	22. Jute		......	......	......	......	......	......
...	23. Treasure		......	......	......	......	......	......
760	Total boat traffic ...	Tons	2,586½	1,141½	3,728	2,83,035	3,728	2,83,035
...	24. Timber in logs ...	C. ft.	......	......	......	......	......	......
...	25. Squared timber ...	...	......	......	......	......	......	......
...	26. Sleepers, broad gauge ...	...	......	......	......	......	......	......
...	27. " metre " ...	...	......	......	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
...	31. Bamboos	C. ft.	......	......	......	......	......	......
...	32. Reeds	...	......	......	......	......	......	......
...	Total raft traffic ...	C. ft.	......	......	......	......	......	......
Boats 760	Grand Total ...	Tons	2,586½	1,141½	3,728	2,83,035	3,728	2,83,035
Rafts ...		C. ft.	......	......	......		......	

HIGH LEVEL CANAL, RANGE II.

Length of Canal open, 12½ miles.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
4	1. Cotton, raw and manufactured ...		......	2	2	120	2	120
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans		......	......	......	......	......	......
46	4. Rice or wheat		90	35	125	6,595	125	6,595
22	5. Other food-grains		37	52	89	4,091	89	4,091
...	6. Hides and skins		......	......	......	......	......	......
...	7. Liquors		......	......	......	......	......	......
1	8. Metals		1	......	1	60	1	60
...	9. Oils		......	......	......	......	......	......
11	10. Oilseeds		2	32	34	3,825	34	3,825
...	11. Provisions		......	......	......	......	......	......
4	12. Salt		......	17	17	1,890	17	1,890
...	13. Spices		......	......	......	......	......	......
5	14. Sugar		......	10½	10½	685	10½	685
...	15. Tobacco		......	......	......	......	......	......
7	16. Building materials		1	19	20	708	20	708
35	17. Miscellaneous goods		7	102	109	5,886	109	5,886
...	18. Timbers		......	......	......	......	......	......
...	19. Firewood		......	......	......	......	......	......
...	20. Bamboos		......	......	......	......	......	......
...	21. Coal or coke		......	......	......	......	......	......
...	22. Jute		......	......	......	......	......	......
...	23. Treasure		......	......	......	......	......	......
136	Total boat traffic ...	Tons	138	269½	407½	23,860	407½	23,860
17	24. Timber in logs ...	C. ft.	......	1,080	1,080	1,100	1,080	1,100
...	25. Squared timber ...	...	......	......	......	......	......	......
...	26. Sleepers, broad guage ...	..	......	......	......	......	......	......
...	27. „ metre „ ...	...	......	......	......	......	......	......
...	28. Scantlings	..	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
6	31. Bamboos	C. ft.	......	1,550	1,550	72	1,550	72
...	32. Reeds	..	......	......	......	......	......	......
23	Total raft traffic ...	C. ft.	......	2,630	2,630	1,172	2,630	1,172
Boats 136 Rafts 23	Grand Total ...	Tons C. ft.	138	269½ 2,630	407½ 2,630	25,032	407½ 2,630	25,032

HIGH LEVEL CANAL, RANGE III.

Length of Canal open, 19 miles.

Number of boats and rafts.	Description.	Total Government and Private.				Private.	
		Quantity—Tons.			Value.	Quantity.	Value.
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.
...	1. Cotton, raw and manufactured ...	......	......	......	......	......	......
...	2. Woollen goods, raw and manufactured	......	......	......	......	......	......
...	3. Dyes and tans	......	......	......	......	......	......
22	4. Rice or wheat	61	......	61	3,271	61	3,271
1	5. Other food-grains	......	6	6	680	6	680
...	6. Hides and skins	......	......	......	......	......	......
...	7. Liquors	......	......	......	......	......	......
...	8. Metals	......	......	......	......	......	......
...	9. Oils	......	......	......	......	......	......
4	10. Oilseeds	2	17	19	1,600	19	1,600
...	11. Provisions	......	......	......	......	......	......
7	12. Salt	½	7	7½	1,217	7½	1,217
...	13. Spices	......	......	......	......	......	......
...	14. Sugar	......	......	......	......	......	......
...	15. Tobacco	......	......	......	......	......	......
1	16. Building materials	......	7	7	82	7	82
16	17. Miscellaneous goods	1	78	79	15,800	79	15,800
...	18. Timbers	......	......	......	......	......	......
...	19. Firewood	......	......	......	......	......	......
...	20. Bamboos	......	......	......	......	......	......
...	21. Coal or coke	......	......	......	......	......	......
...	22. Jute	......	......	......	......	......	......
...	23. Treasure	......	......	......	......	......	......
51	Total boat traffic ... Tons	64½	115	179½	22,650	179½	22,650
...	24. Timber in logs ... C. ft.	......	......	......	......	......	......
...	25. Squared timber	......	......	......	......	......	......
...	26. Sleepers, broad gauge	......	......	......	......	......	......
...	27. „ metre „	......	......	......	......	......	......
...	28. Scantlings	......	......	......	......	......	......
...	29. Poles	......	......	......	......	......	......
...	30. Firewood	......	......	......	......	......	......
...	31. Bamboos	......	......	......	......	......	......
...	32. Reeds	......	......	......	......	......	......
...	Total raft traffic ... C. ft.	......	......	......	......	......	......
Boats 51	Grand Total ... Tons	64½	115	179½	22,650	179½	22,650
Rafts ...	C. ft.	......	......	......		......	

JAJEPORE CANAL.

Length of Canal open, 6½ miles.

Number of boats and rafts.	Description.	Total Government and Private.				Private.	
		Quantity—Tons.			Value.	Quantity.	Value.
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.
...	1. Cotton, raw and manufactured ...	......	......	......	......	......	......
...	2. Woollen goods, raw and manufactured	......	......	......	......	......	......
...	3. Dyes and tans	......	......	......	......	......	......
63	4. Rice or wheat	......	34	34	1,904	34	1,904
3	5. Other food-grains	......	18	18	1,500	18	1,500
...	6. Hides and skins	......	......	......	......	......	......
...	7. Liquors	......	......	......	......	......	......
...	8. Metals	......	......	......	......	......	......
...	9. Oils	......	......	......	......	......	......
...	10. Oilseeds	......	......	......	......	......	......
...	11. Provisions	......	......	......	......	......	......
...	12. Salt	......	......	......	......	......	......
...	13. Spices	......	......	......	......	......	......
...	14. Sugar	......	......	......	......	......	......
...	15. Tobacco	......	......	......	......	......	......
...	16. Building materials	......	......	......	......	......	......
11	17. Miscellaneous goods	......	15	15	3,300	15	3,300
...	18. Timbers	......	......	......	......	......	......
...	19. Firewood	......	......	......	......	......	......
...	20. Bamboos	......	......	......	......	......	......
...	21. Coal or coke	......	......	......	......	......	......
...	22. Jute	......	......	......	......	......	......
...	23 Treasure	......	......	......	......	......	......
77	Total boat traffic ... Tons	......	67	67	6,704	67	6,704
84	24. Timber in logs ... C. ft.	......	13,782	13,782	2,965	13,782	2,965
...	25. Squared timber	......	......	......	......	......	......
...	26. Sleepers, broad gauge	......	......	......	......	......	......
...	27. „ metre „	......	......	......	......	......	......
...	28. Scantlings	......	......	......	......	......	......
...	29. Poles	......	......	......	......	......	......
...	30. Firewood	......	......	......	......	......	......
...	31. Bamboos	......	...	......	......	......	......
...	32. Reeds	......	......	......	......	......	......
84	Total raft traffic ... C. ft.	......	13,782	13,782	2,965	13,782	2,965
Boats 77	Grand Total ... Tons	......	67	67	9,669	67	9,669
Rafts 84	C. ft.	......	13,782	13,782		......	

SOUTH-WESTERN CIRCLE.

MIDNAPORE CANAL.

Length of Canal open, 53 *miles.*

Number of boats and rafts.	Description.		Total Government and Private. Quantity—Tons. Up.	Down.	Total.	Value. Rupees.	Private. Quantity. Tons.	Value. Rupees.
96	1. Cotton, raw and manufactured ...		303	46	349	6,17,890	349	6,17,890
...	2. Woollen goods, raw and manufactured.		......	......	......	......	......	......
...	3. Dyes and tans		......	1	1	16	1	16
1,414	4. Rice or wheat		60	11,066	11,126	7,26,704	11,126	7,26,704
1,404	5. Other food-grains		2,087	4,886	6,973	3,38,152	6,973	2,38,152
5	6. Hides and skins		......	31	31	14,320	31	14,320
...	7. Liquors		......	......	......	100	......	100
26	8. Metals		118	75	193	1,48,739	193	1,48,739
139	9. Oils		839	2	841	87,419	841	87,419
107	10. Oilseeds		586	387	973	1,08,975	973	1,08,975
119	11. Provisions		134	212	346	29,261	346	29,261
372	12. Salt		3,829	3	3,832	3,27,782	3,832	3,27,782
4	13. Spices		204	......	204	45,743	204	45,743
298	14. Sugar		331	1,477	1,808	2,20,240	1,808	2,20,240
54	15. Tobacco		296	23	319	73,517	319	73,517
136	16. Building materials		315	465	780	5,895	780	5,895
834	17. Miscellaneous goods		1,737	945	2,682	3,76,475	2,682	3,76,475
...	18. Timbers		......	......	......	......	......	......
11	19. Firewood		10	7	17	310	17	310
...	20. Bamboos		......	......	......	......	......	......
108	21. Coal or coke		758	......	758	5,463	758	5,463
37	22. Jute		13	137	150	15,077	150	15,077
1	23. Treasure		......	6	6	5,00,000	6	5,00,000
5,165	Total boat traffic ...	Tons.	11,620	19,769	31,389	36,42,078	31,389	36,42,078
39	24. Timber in logs ...	C. ft.	940	60	1,000	2,796	1,000	2,796
...	25. Squared timber		......	......	......	......	......	......
...	26. Sleepers, broad gauge		......	......	......	......	......	......
...	27. „ metre „		......	......	......	......	......	......
...	28. Scantlings		......	......	......	......	......	......
62	29. Poles	C. ft.	18	15,789	15,807	8,374	15,807	8,374
...	30. Firewood		......	......	......	......	......	......
26	31. Bamboos	C. ft.	......	7,122	7,122	487	7,122	487
...	32. Reeds		......	......	......	......	......	......
127	Total raft traffic ...	C. ft.	958	22,971	23,929	11,657	23,929	11,657
Boats 5,165	Grand Total ...	Tons.	11,620	19,769	31,389	36,53,735	31,389	36,53,735
Rafts 127		C. ft.	958	22,971	23,929		23,929	

HIDGELLEE TIDAL CANAL.

Length of Canal open, 29 miles.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
21	1. Cotton, raw and manufactured	...	107	......	107	73,375	107	73,375
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans	...	......	......	......	......	......	......
1,158	4. Rice or wheat	...	1	7,898	7,899	3,34 8 5	7,899	3 34,805
...	5. Other food-grains	...	......	......	......	......	......	......
...	6. Hides and skins	...	......	......	......	......	......	......
...	7. Liquors	...	......	......	......	......	......	......
1	8. Metals	...	11	......	11	1,500	11	1,500
46	9. Oils	...	429	......	429	58,213	429	58,213
...	10. Oilseeds	...	......	......	......	......	......	......
12	11. Provisions	...	6	......	6	196	6	196
129	12. Salt	...	1,215	......	1,215	1,33,674	1,215	1,33,674
1	13. Spices	...	3	......	3	800	3	800
7	14. Sugar	...	21	2	23	2,800	23	2,800
214	15. Tobacco	...	912	......	942	1,31[illegible]63	942	1,34,568
5	16. Building materials	...	23	13	36	670	36	670
1,456	17. Miscellaneous goods	...	11[illegible]	1,922	2,041	55,769	2,041	55,769
6	18. Timbers	...	2	......	2	72	2	72
3	19. Firewood	...	1	11	12	66	[illegible]2	66
...	20. Bamboos	...	......	......	......	......	......	......
11	21. Coal or coke	...	177	......	177	1,378	177	1,378
4	22. Jute	...	......	2[illegible]	29	2,400	29	2,4[illegible]0
...	23. Treasure	...	......	......	......	......	......	......
3,074	Total boat traffic	Tons	3,057	9,875	2,932	8,00,286	12,932	8 00,286
12	24. Timber in logs	C. ft.	742	559	1,301	1,262	1,301	1,262
...	25. Squared timber	...	......	......	......	......	......	......
...	26. Sleepers, broad gauge	...	......	......	......	......	......	......
...	27. " metre "	...	......	......	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
2	31. Bamboos	C. ft.	......	75	75	13	7[illegible]	13
...	32. Reeds	...	......	......	......	......	......	......
14	Total raft traffic	C. ft.	742	634	1,376	1,275	1,376	1,275
Boats 3,074	Grand Total	Tons.	3,057	9,875	12,932	8,01,561	12,932	8,01,561
Rafts 14		C. ft.	742	634	1,376		1,376	

SONE CIRCLE.

PATNA CANAL SYSTEM.

Length of Canal open, 86¼ miles.

Number of boats and rafts.	Description.	Total Government and Private.				Private.	
		Quantity—Tons.			Value.	Quantity.	Value.
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.
...	1. Cotton, raw and manufactured ...	49	5	54	63,500	54	63,500
1	2. Woollen goods, raw and manufactured	......	82	82	77,640	82	77,640
...	3. Dyes and tans	......	......	......	......	......	......
...	4. Rice or wheat	......	......	......	......	......	......
236	5. Other food-grains	102	2,081	2,183	1,82,147	2,183	1,82,147
2	6. Hides and skins	......	32	32	14,590	32	14,590
...	7. Liquors	......	......	......	......	......	......
...	8. Metals	30	......	30	12,216	30	12,216
2	9. Oils	7	......	7	927	7	927
203	10. Oilseeds	......	3,124	3,124	3,16,891	3,124	3,16,891
1	11. Provisions	......	2	2	1,200	2	1,200
9	12. Salt	182	......	182	15,905	182	15,905
...	13. Spices	4	......	4	1,510	4	1,510
...	14. Sugar	......	10	10	2,220	10	2,220
44	15. Tobacco	442	......	442	26,750	442	26,750
46	16. Building materials	43	349	392	4,480	364	3,080
163	17. Miscellaneous goods	614	458	1,072	1,29,041	1,070	1,23,961
12	18. Timbers	140	......	140	9,050	......	......
1	19. Firewood	2	......	2	15	2	15
3	20. Bamboos	3	9	12	280	12	280
1	21. Coal or coke	4	......	4	49	4	49
...	22. Jute	......	......	......	18	......	18
...	23. Treasure	......	......	......	48,000	......	48,000
727	Total boat traffic ... Tons	1,622	6,152	7,774	9,06,428	7,604	8,90,898
...	24. Timber in logs	......	......	......	......	......	......
...	25. Squared timber	......	......	......	......	......	......
...	26. Sleepers, broad gauge	......	......	......	......	......	......
...	27. „ metre „	......	......	......	......	......	......
...	28. Scantlings	......	......	......	......	......	......
...	29. Poles	......	......	......	......	......	......
...	30. Firewood ... ... C. ft.	......	15	15	100	15	100
...	31. Bamboos ... ... „	......	11	11	230	11	230
...	32. Reeds	......	......	......	......	......	......
	Total raft traffic ... C. ft.	......	26	26	330	26	330
Boats 727	Grand Total ... Tons	1,622	6,152	7,774	9,06,758	7,604	8,91,228
Rafts ...	C. ft.	......	26	26		26	

ARRAH CANAL SYSTEM.

Length of Canal open, 65 *miles.*

Number of boats and rafts.	Description.	Total Government and Private.				Private.	
		Quantity—Tons.			Value.	Quantity.	Value.
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.
2	1. Cotton, raw and manufactured ...	30	36	66	92,714	66	92,714
...	2. Woollen goods, raw and manufactured	......	......	......	......	......	......
...	3. Dyes and tans	......	......	......	......	......	......
38	4. Rice or wheat	39	192	231	23,336	231	23,336
152	5. Other food-grains	227	1,874	2,101	1,22,837	2,101	1,22,837
...	6. Hides and skins	......	......	......	......	......	......
...	7. Liquors	......	......	......	......	......	......
4	8. Metals	14	2	16	77,213	16	77,213
...	9. Oils	......	......	......	......	......	......
144	10. Oilseeds	8	2,459	2,467	2,32,366	2,467	2,32,366
...	11. Provisions	......	......	......	......	......	......
78	12. Salt	772	......	772	85,094	772	85,094
...	13. Spices	......	......	......	......	......	......
...	14. Sugar	......	......	......	......	......	......
7	15. Tobacco	15	30	45	4,900	45	4,900
86	16. Building materials	16	856	872	4,265	410	2,270
58	17. Miscellaneous goods	161	399	560	1,15,085	542	1,15,005
2	18. Timbers	22	1	23	1,095	2	95
1	19. Firewood	......	6	6	40	6	40
...	20. Bamboos	......	......	......	......	......	......
5	21. Coal or coke	22	36	58	735	47	585
...	22. Jute	......	......	......	......	......	......
...	23. Treasure	......	......	......	......	......	......
577	Total boat traffic ... Tons	1,326	5,891	7,217	7,59,680	6,705	7,56,455
...	24. Timber in logs	......	......	......	......	......	......
...	25. Squared timber	......	......	......	......	......	......
...	26. Sleepers, broad gauge	......	......	......	......	......	......
...	27. " metre "	......	......	......	......	......	......
...	28. Scantlings	......	......	......	......	......	......
...	29. Poles ... ... C. ft.	......	14	14	180	14	180
...	30. Firewood ... ... "	......	98	98	435	98	435
...	31. Bamboos ... ... "	......	5	5	105	5	105
...	32. Reeds	......	......	......	......	......	......
...	Total raft traffic ... C. ft	......	117	117	720	117	720
Boats 577	Grand Total ... Tons	1,326	5,891	7,217	7,60,400	6,705	7,57,175
Rafts ...	C. ft.	......	117	117		117	

BUXAR CANAL SYSTEM.

Length of Canal open, 67 miles.

Number of boats and rafts.	Description.	Total Government and Private.				Private.	
		Quantity—Tons.			Value.	Quantity.	Value.
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.
...	1. Cotton, raw and manufactured ...	1	......	1	1,160	1	1,160
...	2. Woollen goods, raw and manufactured	......	......	......	......	......	......
...	3. Dyes and tans	......	......	......	......	......	......
51	4. Rice or wheat	168	738	906	66,815	903	66,815
100	5. Other food-grains	......	1,498	1,498	47,605	1,498	47,805
...	6. Hides and skins	......	......	......	......	......	......
...	7. Liquors	......	......	......	......	......	......
...	8. Metals	5	1	6	3,075	6	3,075
1	9. Oils	14	......	14	300	14	300
70	10. Oilseeds	1	1,496	1,497	1,31,366	1,497	1,31,366
...	11. Provisions	......	......	......	......	......	......
5	12. Salt	44	19	63	3,664	63	3,664
...	13. Spices	......	......	......	......	......	......
1	14. Sugar	......	8	8	1,250	8	1,250
1	15. Tobacco	1	......	1	100	1	100
25	16. Building materials	32	258	290	508	54	160
53	17. Miscellaneous goods	256	459	715	62,270	889	61,070
...	18. Timbers	1	......	1	16	1	16
1	19. Firewood	......	4	4	14	4	14
...	20. Bamboos	......	......	......	......	......	......
...	21. Coal or coke	......	......	......	......	......	......
...	22. Jute	......	......	......	......	......	......
...	23. Treasure	......	......	......	......	......	......
308	Total boat traffic ... Tons	523	4,481	5,004	3,18,343	4,742	3,16,795
...	24. Timber in logs	......	......	......	......	......	......
...	25. Squared timber	......	......	......	......	......	......
...	26. Sleepers, broad gauge	......	......	......	......	......	......
...	27. " metre "	......	......	......	......	......	......
...	28. Scantlings	......	......	......	......	......	......
...	29. Poles	......	......	......	......	......	......
...	30. Firewood ... ... C. ft.	......	29	29	275	29	275
...	31. Bamboos ... ... "	......	1	1	16	1	16
...	32. Reeds	......	......	......	......	......	......
...	Total raft traffic ... C. ft.	......	30	30	291	30	291
Boats 308	Grand Total ... Tons	523	4,481	5,004	3,18,634	4,978	3,17,086
Rafts ...	Grand Total ... C. ft.	......	30	30		30	

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Major Works for the quarter ending 30th September 1891, as compared with that of the corresponding quarter of the previous year.

CANALS.	TOLLAGE, 1891-92. During the quarter.	TOLLAGE, 1891-92. To end of the quarter.	TOLLAGE, 1890-91. During the quarter.	TOLLAGE, 1890-91. To end of the quarter.
Orissa Circle.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Taldunda Canal System ...	2,217 14 1	2,786 2 7	536 14 0	1,612 13 2
Kendrapara ditto ...	22,490 14 6	39,633 3 2	20,416 3 10	33,382 3 0
High Level, Range I ...	2,930 12 0	4,448 5 9	3,054 8 6	4,851 11 9
Ditto " II ...	615 4 3	976 3 0	777 13 3	1,642 14 3
Ditto " III ...	489 13 6	714 11 6	617 15 0	1,213 5 3
Jajepore Canal	60 6 11	105 11 3	98 14 0	135 9 10
Total Orissa Circle ...	28,804 1 3	48,661 5 3	25,522 4 7	42,838 9 3
South-Western Circle.				
Midnapore Canal	29,654 13 6	49,278 7 3	30,704 9 3	61,027 3 9
Hidgellee Tidal Canal ...	9,737 0 9	9,737 0 9	12,967 5 9	17,918 1 9
Total South-Western Circle ...	39,391 14 3	59,015 8 0	43,671 15 0	78,945 5 6
Sone Circle.				
Patna Canal System ...	10,900 8 9	15,316 11 0	5,104 6 9	11,826 6 11
Arrah ditto	5,710 9 9	13,333 3 6	4,394 10 3	10,574 8 6
Buxar ditto	2,967 5 3	6,308 2 9	2,052 15 9	4,953 1 9
Total Sone Circle ...	19,578 7 9	34,958 1 3	11,552 0 9	27,354 1 2
GRAND TOTAL ...	87,775 7 3	1,42,637 14 6	80,746 4 4	1,49,137 15 11

Government Transport Service.

CANAL.	TOLLAGE, 1891-92. During the quarter. Passengers.	Goods.	Total receipts.	To end of the quarter. Passengers.	Goods.	Total receipts.	TOLLAGE, 1890-91. During the quarter. Passengers.	Goods.	Total receipts.	To end of the quarter. Passengers.	Goods.	Total receipts.
Orissa Circle.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level	3,012	2,110	2,805 0 2	4,977	4,472	4,885 0 5	3,108	1,396	3,235 7 10	4,844	4,357	5,216 11 3
Total Orissa Circle ...	3,012	2,110	2,805 0 2	4,977	4,472	4,885 0 5	3,108	1,396	3,235 7 10	4,844	4,357	5,216 11 3

Total Navigation Receipts.

CANALS.	EARNINGS, 1891-92. During the quarter.	EARNINGS, 1891-92. To end of the quarter.	EARNINGS, 1890-91. During the quarter.	EARNINGS, 1890-91. To end of the quarter.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Orissa Canals	31,610 1 5	53,549 5 8	28,757 12 5	48,055 4 6
Midnapore Canal	29,654 13 6	49,278 7 3	30,704 9 3	61,027 3 9
Hidgellee Tidal Canal ...	9,737 0 9	9,737 0 9	12,967 5 9	17,918 1 9
Sone Canals	19,578 7 9	34,958 1 3	11,552 0 9	27,354 1 2
Total ...	90,580 7 5	1,47,522 14 11	83,981 12 2	1,54,354 11 2

CALCUTTA,
The 19th January 1892.

W. A. INGLIS,
Offg. Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT, BENGAL.

SOUTH-WESTERN CIRCLE.

Statements showing quantities of goods carried on canals in Bengal, classed as Minor Works and Navigation, for the quarter ending 30th September 1891.

CALCUTTA AND EASTERN CANALS.

Number of boats and rafts.		Description.		Total Government and Private. Quantity—Tons. Up.	Down.	Total.	Value. Rupees.	Private. Quantity. Tons.	Value. Rupees.
2	1.	Cotton raw and manufactured ...		......	6	6	2,800	6	2,800
...	2.	Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3.	Dyes and tans		......	...	......	......	......	......
2,250	4.	Rice or wheat		......	35,397	35,397	35,09,560	35,397	35,09,560
75	5.	Other food-grains		......	896	896	72,025	896	72,025
80	6.	Hides and skins		......	148	148	33,058	148	33,058
...	7.	Liquors		......	......	......	......	......	......
26	8.	Metal		34	427	461	49,300	461	49,300
280	9.	Oils		4,059	57	4,116	5,80,560	4,116	5,80,560
395	10.	Oilseeds		27	3,932	3,959	3,93,523	3,959	3,93,523
1,476	11.	Provisions		44	2,310	2,354	2,66,821	2,354	2,66,821
898	12.	Salt		14,763	1,968	16,731	16,34,543	16,731	16,34,543
118	13.	Spices		......	1,332	1,332	3,73,000	1,332	3,73,000
4	14.	Sugar		......	32	32	8,300	32	8,300
9	15.	Tobacco		23	13	36	8,500	36	8,500
386	16.	Building materials		439	9,208	9,647	1,49,819	9,647	1,49,819
1,802	17.	Miscellaneous goods		500	9,507	10,007	11,16,346	10,007	11,16,346
...	18.	Timbers		......	......	......	......	......	......
1,122	19.	Firewood		......	26,450	26,450	1,86,155	26,450	1,86,155
...	20.	Bamboos		......	......	......	......	......	......
308	21.	Coal or coke		3,340	5,311	8,651	63,827	8,651	63,827
783	22.	Jute		......	10,644	10,644	13,08,462	10,644	13,08,462
...	23.	Treasure		......	......	......	......	......	......
10,013		Total boat traffic ...	Tons	23,259	1,07,638	1,30,897	98,16,589	1,30,897	98,16,589
1	24.	Timber in logs ...	C. ft.	65	......	65	162	65	162
...	25.	Squared timber		......	......	......	......	......	......
...	26.	Sleepers, broad gauge		......	......	......	......	......	......
...	27.	Sleepers, metre gauge		......	......	......	......	......	......
...	28.	Scantlings		......	......	......	......	......	......
...	29.	Poles		......	......	......	......	......	......
...	30.	Firewood		......	......	......	......	......	......
26	31.	Bamboos	C. ft.	......	4,503	4,503	562	4,503	562
...	32.	Reeds		......	...	......	......	......	......
27		Total raft traffic ...	C. ft.	65	4,503	4,568	724	4,568	724
Boats, 10,013		GRAND TOTAL ...	Tons	23,259	1,07,638	1,30,897	98,17,313	1,30,897	98,17,313
Rafts, 27			C. ft.	65	4,503	4,568		4,568	

TOLLY'S NULLAH.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
11	1. Cotton, raw and manufactured	...	......	71	71	32,900	71	32,900
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans ...	...	......	......	......	......	......	......
4,831	4. Rice or wheat ...	...	2	18,874	18,876	17,02,561	18,876	17,02,561
3	5. Other food-grains ...	...	......	36	36	2,500	36	2,600
2	6. Hides and skins ...	...	......	2	2	76	2	76
...	7. Liquors	...	......	......	......	......	......	......
2	8. Metal	...	......	25	25	2,450	25	2,450
165	9. Oils	...	58	1,711	1,769	1,87,800	1,769	1,87,900
122	10. Oilseeds	...	......	1,838	1 838	1,74,687	1.838	1,74,687
609	11. Provisions	...	32	845	877	92,465	877	92,465
358	12. Salt	...	2,209	1,813	4,022	3,94,100	4,022	3,94,100
3	13. Spices	...	......	23	23	6,100	28	6,400
1	14. Sugar	...	......	4	4	1,250	4	1,250
75	15. Tobacco	...	120	689	809	1,65,400	809	1,65,400
1,023	16. Building materials ...	...	72	9,745	9,817	40,792	9,817	40,792
1,408	17. Miscellaneous goods ...	...	78	5,740	5 818	5,20,258	5,818	5,20,258
...	18. Timbers	...	......	......	......		......	......
251	19. Firewood	...	......	3,129	3,129	21,906	3,129	21,906
...	20. Bamboos	..	......	......	......	......	......	......
132	21. Coal or coke	...	......	2,211	2,211	16,770	2,211	16,770
87	22. Jute	...	......	278	278	35,200	278	35,200
...	23. Treasure	...	......	......	......	......	......	......
9,083	Total boat traffic ...	Tons	2,571	47,034	49,605	33,97,505	49,605	33,97,505
5	24. Timber in logs	C. ft.	5,029	980	6,009	19,206	6,009	19,206
...	25. Squared timber ...	...	......	......	......	......	......	......
...	26. Sleepers, broad gauge ...	...	......	......	......	......	......	......
...	27. Sleepers, metre gauge ...	...	......	......	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
6	31. Bamboos	C. ft.	......	449	449	56	449	56
...	32. Reeds	...	......	......	......	......	......	......
11	Total raft traffic ...	C. ft.	5,029	1,429	6,458	19,262	6,458	19,262
Boats, 9,083	Grand Total ...	Tons	2,571	47,034	49,605	34,16,767	49,605	34,16,767
Rafts, 11		C. ft.	5,029	1,429	6,458		6,458	

ORISSA COAST CANAL.

Length of Canal open, 97½ miles.

Number of boats and rafts.	Description.	Total Government and Private. Quantity—Tons. Up.	Down.	Total.	Value. Rupees.	Private. Quantity. Tons.	Value. Rupees.
9	1. Cotton, raw and manufactured ...	22	4	26	26,175	26	26,175
...	2. Woollen goods, raw and manufactured	......	......	......	......	......	......
...	3. Dyes and tans	......	......	......	......	......	......
217	4. Rice or wheat	7	2,011	2,018	79,334	2,018	79,334
2	5. Other food-grains	11	......	11	1,100	11	1,100
...	6. Hides and skins	......	......	......	......	......	......
...	7. Liquors	......	......	......	......	......	......
2	8. Metal	4	......	4	530	4	530
69	9. Oils	756	2	758	82,872	758	82,872
3	10. Oilseeds	... .	6	6	520	6	520
4	11. Provisions	3	2	5	195	5	195
61	12. Salt	735	1	736	78,270	736	78,270
...	13. Spices	......	......	......	......	......	......
31	14. Sugar	43	......	43	3,630	43	3,630
39	15. Tobacco	153	......	153	29,385	153	29,385
9	16. Building materials	21	4	25	186	25	186
975	17. Miscellaneous goods	282	199	481	25,805	481	25,805
4	18. Timbers	......	94	94	6,450	94	6,450
7	19. Firewood	19	29	48	206	48	206
...	20. Bamboos	....	......	......	......	......	......
8	21. Coal or coke	181	......	181	1,385	181	1,385
1	22. Jute	......	7	7	700	7	700
...	23. Treasure	......	......	......	......	......	......
1,441	Total boat traffic Tons	2,237	2,359	4,596	3,36,743	4,583	3,36,743
6	24. Timber in logs ... C. ft.	......	728	728	680	728	680
...	25. Squared timber	......	......	......	......	......	......
...	26. Sleepers, broad gauge	......	......	......	......	......	......
...	27. Sleepers, metre gauge	......	......	......	......	......	......
...	28. Scantlings	......	......	......	......	......	......
...	29. Poles	......	......	......	......	......	......
...	30. Firewood	......	......	......	......	......	......
5	31. Bamboos ... ... C. ft.	......	225	225	14	225	14
...	32. Reeds	......	......	......	......	......	......
10	Total raft traffic C. ft.	......	953	953	694	953	694
Boats, 1,441	Grand Total ... Tons ...	2,237	2,359	4,596	3,37,437	4,596	3,37,437
Rafts, 11	C. ft. ...	.....	953	953		953	

NUDDEA RIVERS.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
9	1. Cotton, raw and manufactured ...		5	72	77	18,985	77	18,985
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
3	3. Dyes and tans		......	17	17	681	17	681
888	4. Rice or wheat		1,946	15,024	16,970	11,79,817	16,970	11,79,817
2,306	5. Other food-grains		1,315	37,991	39,306	24,75,807	39,306	24,75,807
1	6. Hides and skins		......	......	......	100	......	100
2	7. Liquors		......	......	......	500	......	500
84	8. Metal		308	122	430	85,605	430	85,605
436	9. Oils		5,110	1	5,111	7,12,227	5,111	7,12,227
760	10. Oilseeds		144	20,319	20,463	21,64,359	20,463	21,64,359
251	11. Provisions		1	2,287	2,288	1,00,013	2,288	1,00,013
1,057	12. Salt		11,402	......	11,402	10,82,951	11,402	10,82,951
43	13. Spices		......	202	202	26,670	202	26,670
26	14. Sugar		9	202	211	36,195	211	36,195
314	15. Tobacco		13	3,483	3,496	6,29,960	3,496	6,29,960
162	16. Building materials		814	527	1,341	12,558	1,341	12,558
3,036	17. Miscellaneous goods		28,347	34,005	62,352	79,42,131	62,352	79,42,131
4	18. Timbers		2	77	79	4,307	79	4,307
109	19. Firewood		101	497	598	3,152	598	3,152
2	20. Bamboos		1	1	2	37	2	37
202	21. Coal or coke		3,092	10	3,102	38,864	3,102	38,864
1,085	22. Jute		5	16,369	16,374	17,96,095	16,374	17,96,095
...	23. Treasure		......	......	......	......	......	......
10,780	Total boat traffic	Tons	52,615	1,31,206	1,83,821	1,83,11,014	1,83,821	1,83,11,014
1	24. Timber in logs ...	C. ft.	30	110	140	352	140	352
9	25. Squared timber ...	C. ft.	1,984	40	2,024	2,758	2,024	2,758
...	26. Sleepers, broad gauge ...	...	......	......	......	......	......	......
...	27. Sleepers, metre gauge ...	...	......	......	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
31	31. Bamboos	C. ft.	289	19,650	19,939	1,867	19,939	1,867
...	32. Reeds	...	......	......	......	......	......	......
41	Total raft traffic ...	C. ft.	2,303	19,800	22,103	4,977	22,103	4,977
Boats, 10,780	Grand Total ...	Tons	52,615	1,31,206	1,83,821	1,83,15,991	1,83,821	1,83,15,991
Rafts 41		C. ft.	2,303	19,800	22,103		22,103	

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Abstract statement showing Tollage on Canals in Bengal, classed as Minor Works and Navigation, for the quarter ending 30th September 1891, as compared with that of the corresponding quarter of the previous year.

Canals.	Tollage, 1891-92.		Tollage, 1890-91.	
	During the quarter.	To end of the quarter.	During the quarter.	To end of the quarter.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta and Eastern Canals ...	82,849 2 6	1,41,667 8 0	68,014 2 6	1,19,932 3 3
Tolly's Nullah	24,005 5 3	49,915 6 3	24,455 6 3	48,142 14 0
Total ...	1,06,854 7 9	1,91,582 14 3	92,469 8 9	1,68,075 1 3
Orissa Coast Canal	10,466 13 3	24,649 4 6	16,050 8 3	33,546 8 3
Nuddea Rivers	92,421 10 0	1,19,458 2 6	95,196 5 6	1,17,987 13 0
Grand Total ...	2,09,742 15 0	3,35,690 5 3	2,03,716 6 6	3,19,609 6 6

Calcutta,
The 19th January 1892.

W. A. Inglis,
Offg. Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 16th January 1892, as compared with the corresponding week of the previous year.

Nature of Cargo.	Week ending Saturday, the 16th January 1892.			Week ending Saturday, the 17th January 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	1,635	4,15,635	6,928	1,660	2,65,508	4,405
Jute	57	44,300	707	175	89,960	1,682
Firewood	102	63,150	1,004	112	66,350	1,001
Other articles	968	2,32,485	3,327	969	2,36,315	3,805
Total ...	2,762	7,55,570	11,966	2,916	6,58,123	10,893

NALHATI STATE RAILWAY.

Statement showing Increases and Decreases in tonnage of Staples carried over the Nalhati State Railway during the month of November 1891, as compared with the same month of the previous year.

Staples	1890.		1891.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1890.	1891.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal	316	......	612	......	316	612	296	......
Cotton, raw	9	......	8	......	9	8	......	1
Cotton piece-goods—								
1.—European	24	......	5	2	24	7	......	17
Grains—								
2.—Rice	187	36	61	2	223	63	.....	160
3.—Gram	......	27	......	10	27	10	......	17
4.—Others	96	......	11	2	96	13	......	83
Hides and skins—								
1.—Hides of cattle—								
b.—Undressed	......	3	......	2	3	2	.... .	1
Jute—								
1.—Raw	......	228	......	156	228	156	......	72
2.—Gunny bags and cloths	3	... ..	3	2	3	5	2	......
Leather, manufactured	5	......	3	... .	5	3	... .	2
Metals—								
2.—Iron	3	......	......	.....	3	......	......	3
4.—Others	......	......	1	2	......	3	3	... ..
Oils—								
2.—Kerosine	... ..	......	......	3	.. ...	3	3	.. ...
3.—Others	1	10	1	......	11	1	... .	10
Oilseeds—								
2.—Mustard and rape	28	1	20	......	29	20	.... .	9
6.—Others	......	......	2	.. ...	......	2	2	......
Provisions—								
1.—Ghee	7	......	2	......	7	2	. ....	5
2.—Dried fruits and nuts	2	......	1	5	2	6	4	......
3.—Others	13	......	16	......	13	16	3	......
Railway plant and rolling-stock	56	......	7	3	56	10	. ...	46
Salt	30	......	15	......	30	15	......	15
Silk, raw—								
3.—Indian	4	3	......	......	7	......	... ..	7
Silk piece-goods—								
2.—Indian	......	9	1	4	9	5	.....	4
Stone and lime	......	......	1	......	......	1	1	. . . .
Sugar—								
1.—Drained	16	......	8	......	16	8	......	8
2.—Undrained	43	......	13	......	43	13	......	30
Tobacco	......	5	2	8	5	10	5	.. .
Timber	9	......	......	......	9	......	......	9
Wool—								
1.—Raw	1	......	......	......	1	......	......	1
2.—Piece-goods	......	......	1	... .	......	1	1	... ..
All other articles of merchandise	215	25	31	19	240	50	......	190
Total ...	1,068	347	825	220	1,415	1,045	320	690

INCREASE.

	Tons.
Coal	296
Due to decrease in last month.	

DECREASE.

	Tons.
Cotton piece-goods—	
(1) European	17
Imported by steamer plying between Jiagunj and Calcutta.	
Grains—	
(2) Rice	160
There being no export this year owing to short crops.	
(3) Gram	17
Exported by steamer running between Jiagunj and Calcutta.	
(4) Others	83
Due to falling off in import of barbotty, roher, and khasari owing to less demand.	
Jute—	
(1) Raw	72
Exported by boat.	
Railway plant and rolling-stock	46
Due to less renewals.	
Salt	15
Due to less import in to the intermediate stations.	
Sugar—	
(2) Undrained	30
Less imported owing to dull market.	
Timber	9
There being no demand for building purposes this year.	

R. G. MOOKERJEE,

Manager, Nalhati State Railway.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for the first 9 days of January 1892, on 1,525½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period ...	304,094	3,57,490 8 0	34,32,866 0	7,70,674 13 0	25,484 15 0	11,53,649 15 0	91,134½	125,531½	216,666
Or per mile of railway	......	234 5 6	.....	505 3 1	16 11 4	756 3 11	......	......	.....
For previous weeks of half-year	......	.....	......	......	......	......	......	......	......
Total for 9 days ...	304,094	3,57,490 8 0	34,32,866 0	7,70,674 13 0	25,484 15 0	11,53,649 15 0	91,134½	125,531½	216,66
Comparison.									
Total for corresponding 10 days of previous year	338,190½	4,10,898 5 1	35,85,411 0	8,43,318 5 6	26,357 5 3	12,80,573 15 10	103,998	133,079	237,07
Per mile of railway corresponding period of previous year ...	......	269 5 8	......	552 13 1	17 4 5	839 7 2	......	......	....
Total to corresponding date of previous year	338,190½	4,10,898 5 1	35,85,411 0	8,43,318 5 6	26,357 5 3	12,80,573 15 10	103,998	133,079	237,07

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for the first 9 days of January 1892, on 57¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period ...	*18,906	*10,510 12 0	53,255 10	3,607 9 0	62 0 0	14,180 5 0	2,308	770	3,07
Or per mile of railway ...	331	183 12 1	931 0	63 1 1	1 1 4	247 14 6	......	......	......
For previous weeks of half-year	......	...	......	......	......	......	....	......	.....
Total for 9 days ...	18,906	10,510 12 0	53,255 10	3,607 9 0	62 0 0	14,180 5 0	2,308	770	3,07
Comparison.									
Total for corresponding 10 days of previous year	30,177	17,925 4 9	61,826 0	4,055 15 0	107 15 0	22,089 2 9	2,015	1,405	3,42
Per mile of railway corresponding period of previous year ..	528	313 6 1	1,081 0	70 14 6	1 14 2	386 2 9	..	......	.....
Total to corresponding date of previous year	30,177	17,925 4 9	61,826 0	4,055 15 0	107 15 0	22,089 2 9	2,015	1,405	3,42

* The decrease is in Gya pilgrims.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for the first [illegible] days of January 1892, on 2[illegible] miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period ...	23,088	5,940 2 0	12,737 0	518 8 0	18 0 0	6,476 10 0	1,138	116	1,25
Or per mile of railway ...	......	266 15 7	.....	23 4 10	0 12 11	291 1 4	......	......	......
For previous weeks of half-year	......	......	...	.....	.....	.....	......	......	.....
Total for 9 days ...	23,088	5,940 2 0	12,737 0	518 8 0	18 0 0	6,476 10 0	1,138	116	1,25
Comparison.									
Total for corresponding 10 days of previous year	25,362½	6,471 7 1	16,508 30	588 9 0	9 1 3	7,069 1 4	1,279	107	1,38
Per mile of railway corresponding period of previous year ...	......	290 13 8	......	26 7 3	0 6 6	317 11 5	......	......	.....
Total to corresponding date of previous year	25,362½	6,471 7 1	16,508 30	588 9 0	9 1 3	7,069 1 4	1,279	107	1,38

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for the first 9 days of January 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the period ..	14,689	12,308 12 0	59,867 30	9,556 12 0	93 0 0	21,957 8 0	7,080½	2,264	9,950½
Or per mile of railway	......	75 15 8	......	55 15 11	0 9 1	135 8 8	......	......	......
For previous weeks of half-year	......	......	......	......	......	......	......	......	......
Total for 9 days ...	14,689	12,308 12 0	59,867 30	9,556 12 0	92 0 0	21,957 8 0	7,686½	2,264	9,950½
Comparison.									
Total for corresponding week of previous year	......	......	......	......	......	......	......	......	......
Per mile of railway corresponding week of previous year ..	......	......	......	......	......	......	......	......	......
Total to corresponding date of previous year	......	......	......	......	......	......	......	......	......

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Behar Sections.)

Approximate Return of Traffic for 1st 9 days of January 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for 1st 9 days ...	232,566	1,02,320 0 0	6,59,166 0	1,19,180 0 0	12,070 0 0	2,33,570 0 0	39,500	29,500	69,000
Or per mile of railway	299	132 0 0	848 0	153 0 0	*2 0 0	297 0 0	......	......	......
For previous weeks of half-year	......	.....	......	...	...	....	.....	.....	......
Total for 1 week ...	232,566	1,02,320 0 0	6,59,166 0	1,19,180 0 0	12,070 0 0	2,33,570 0 0	39,500	29,500	69,000
Comparison.									
Total for corresponding 10 days of previous year	264,946	1,16,341 0 0	8,63,240 0	1,79,106 0 0	29,620 0 0	3,25,068 0 0	41,664	46,794	88,458
Per mile of railway corresponding period of previous year ...	341	150 0 0	1,111 0	230 0 0	*5 0 0	385 0 0	......	......	......
Total to corresponding date of previous year	264,946	1,16,343 0 0	8,63,240 0	1,79,106 0 0	29,620 0 0	3,25,068 0 0	41,664	46,794	88,458

* Excluding steamer's earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for 1st 9 days of January 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for 1st 9 days ...	32,686	13,030 0 0	61,297 0	3,820 0 0	150 0 0	17,000 0 0	4,300	2,975	7,275
Or per mile of railway	261	104 0 0	490 0	31 0 0	1 0 0	136 0 0	......	...	......
For previous weeks of half-year	......	.....	... .	. ...	.. ...	... ..	......	......	......
Total for 1 week ...	32,686	13,030 0 0	61,297 0	3,820 0 0	150 0 0	17,000 0 0	4,300	2,975	7,275
Comparison.									
Total for corresponding 10 days of previous year	41,312	15,555 0 0	86 938 0	4,880 0 0	132 0 0	20,567 0 0	4,971	3,163	8,133
Per mile of railway corresponding week of previous year ...	330	125 0 0	695 0	39 0 0	1 0 0	165 0 0	......	.....	......
Total to corresponding date of previous year	2	15,555 0 0	86,938 0	4,880 0 0	132 0 0	20,567 0 0	4,971	3,162	8,133

DACCA STATE RAILWAY.

Approximate Return of Traffic for 1st 9 days of January 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for 1st 9 days ...	24,728	7,400 0 0	9,618 0	1,120 0 0	170 0 0	8,750 0 0	3,200	850	4,050
Or per mile of railway	283	87 0 0	112 0	13 0 0	2 0 0	102 0 0	......	......	......
For previous weeks of half-year	......	......	......	......	......	......	......	......	......
Total for 1 week ...	24,728	7,460 0 0	9,618 0	1,120 0 0	170 0 0	8,750 0 0	3,200	850	4,050
Comparison.									
Total for corresponding 10 days of previous year	20,166	9,371 0 0	42,061 0	4,002 0 0	220 0 0	13,593 0 0	3,409	1,233	4,702
Per mile of railway corresponding period of previous year	304	109 0 0	500 0	46 0 0	3 0 0	158 0 0	......	......	......
Total to corresponding date of previous year	20,168	9,371 0 0	42,0[illegible]1 0	4,002 0 0	220 0 0	13,593 0 0	3,469	1,283	4,702

NALHATI STATE RAILWAY

Approximate Return of Traffic for 1st 9 days of January 1892, on 27½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for 1st 9 days ...	3,852	1,230 0 0	7,238 0	300 0 0	130 0 0	1,750 0 0	628	363	990
Or per mile of railway	141	45 0 0	263 0	14 0 0	5 0 0	64 0 0	......	......	......
For previous weeks of half-year	......	......	......	......	......	......	......	......	......
Total for 1 week ...	3,852	1,230 0 0	7,238 0	390 0 0	130 0 0	1,750 0 0	628	362	990
Comparison.									
Total for corresponding 10 days of previous year ..	3,852	1,450 0 0	16,675 0	897 0 0	15 0 0	2,371 0 0	726	1,000	1,726
Per mile of railway corresponding period of previous year ..	141	53 0 0	619 0	33 0 0	1 0 0	87 0 0	......	......	......
Total to corresponding date of previous year	3,852	1,459 0 0	16,875 0	897 0 0	15 0 0	2,371 0 0	726	1,000	1,726

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhoot State Railway.)

Approximate Return of Traffic for the last 12 days of December 1891, on 739 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 739 miles open	121,780	60,400	3,90,640	49,100	14,060	*d* 1,24,460	22,508	21,040	43,548
Or per mile of railway	164·11	81·73	528·61	66·44	20·25	168·42	......	......	......
For previous 24½ weeks of half-year	2,127,272	8,08,861	68,32,953	8,27,762	2,16,309	*a* 19,12,932	316,491	342,630	*a* 659,031
Total for 25½ weeks ...	2,248,552	9,[illegible]9,261	72,23,593	8,76,862	2,31,269	20,37,392	338,9[illegible]9	363,670	702,579
Comparison.									
Total for corresponding week of previous year on 699 miles open	114,679	48,947	*c* 3,45,700	35,902	37,178	*b* 1,22,027	19,120	28,150	*b* 47,270
Per mile of corresponding week of previous year	164·06	70·02	494·60	51·36	53·19	174·57	......	......	......
Total to corresponding date of previous year	2,197,796	8,20,748	72,90,611	9,46,821	2,07,03[illegible]	19,75,2[illegible]8	321,206	352,846	674,052

a Includes audited figures up to 7th November 1891.
b Includes supplementary figures.
c Approximate figures.
d Includes Rs. 11,000, being haulage of postal vehicles for the half year ending 31st December 1891.

EARNINGS.

Heads.	B. & N.-W. Railway.		Tirhoot State Railway.	
	Last 12 days of December 1891.	Last 11 days of December 1890.	Last 12 days of December 1891.	Last 11 days of December 1890.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Coaching	27,860 0 0	15,287 0 0	32,[illegible]40 0 0	33,659 0 0
Goods	26,3[illegible]0 0 0	2,[illegible]45 0 0	22,7[illegible]0 0 0	33,[illegible]7 0 0
Other earnings	7,510 0 0	20,084 0 0	7,450 0 0	8,005 0 0
Total ...	61,680 0 0	46,4[illegible]6 0 0	62,78[illegible] 0 0	75,611 0 0

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 12th December 1891	11,290	0	0
Corresponding period of 1890	11,130	0	0
Increase	160	0	0
Receipts per mile for week ending 12th December 1891	221	6	0
Corresponding period of 1890	218	4	0
Increase	3	2	0
Receipts from 1st July to 12th December 1891	2,82,374	0	0
Corresponding period of 1890	2,67,093	0	0
Increase	15,281	0	0

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 19th December 1891	13,232	0	0
Corresponding period of 1890	13,182	0	0
Increase	50	0	0
Receipts per mile for week ending 19th December 1891...	259	7	3
Corresponding period of 1890	258	7	9
Increase	0	15	6
Receipts from 1st July to 19th December 1891	2,95,603	0	0
Corresponding period of 1890	2,80,275	0	0
Increase	15,331	0	0

Printed and published by EDWIN MORRIS LEWIS, at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 20th January 1892.

[REGISTERED No. 29.]

No. 4 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, JANUARY 27, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

LIBERALITY OF BABU UPENDRA NATH SEN, ZEMINDAR OF BASONDAH IN THE BACKERGUNGE DISTRICT.

No. 239Med., dated Calcutta, the 24th January 1892.

From—H. H. RISLEY, ESQ., Offg. Secy. to the Govt. of Bengal,
To—The Commissioner of the Dacca Division.

I AM directed to acknowledge the receipt of your memorandum No. 55J., dated 7th January 1892, and enclosure, from the Magistrate of Backergunge, bringing to notice that Babu Upendra Nath Sen, Zemindar of Basondah in that district, has placed in his hands the sum of Rs. 2,000 for the construction of a cholera ward for the Barisal Charitable Dispensary, to be called the "Chandra Nath Cholera Ward," after the name of his deceased uncle.

2. In reply, I am directed to say that the Lieutenant-Governor is pleased to accept the offer made by Babu Upendra Nath Sen, and to request that you will convey His Honour's thanks to the donor for this proof of his liberality and public spirit. This letter will be published in the *Calcutta Gazette.*

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 23rd January 1892.

Division	No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.				
Burdwan Divn.	1	Burdwan Jan. 23, '92 Culna ... Cutwa ... Raneegunge ...	Nil Nil Nil Nil	Weather fairly cool. *Rabi* and sugarcane prospects fair. Price of rice rising at Sudder. Prices of common rice:— Srs. Sudder ... ... 12 Culna ... ... 14 Cutwa ... ... 14 Raneegunge ... ... 15 } per rupee.
	2	Bankoora .. 23, '92	Nil	Weather—seasonable with patches of clouds in the sky. *Rabi* nearly ripe for cutting. Pressing of sugarcane commenced. Condition of cattle fair. Supply of fodder and water hardly sufficient. Common rice selling at 17½ seers per rupee at Bishenpore and 17 seers at Bankura.
	3	Birbhum .. 23, '92 Rampore Haut ...	Nil Nil	Weather—seasonable. Prospects of cold-weather crops not very good for continued want of rain. Fodder and water-supply plentiful. Cattle-pox reported from some places in thana Suri. Common rice selling at from 15 to 17 seers per rupee.
	4	Midnapore „ 23, '92	Nil	Weather—fair and seasonable. Rice crop finally gathered. Indigo doing well. Prospects of *rabi* crop still not good. Increasing scarcity of water in parts. Prices of common rice:— Srs. Sudder ... ... 16 Contai ... ... 18 Tumluk ... ... 13½ Ghatal ... ... nearly 16 } per rupee.
	5	Hooghly .. 23, '92 Serampore ... Jehanabad ...	Nil Nil Nil	Weather—seasonable. Threshing of paddy nearly completed. Pressing of sugarcane going on in many places: also reaping of *kalai*, *mung*, &c., commenced. Rain wanted for later *rabi* crops. No difficulty in obtaining water and fodder-supply. Prices of common rice:— Srs. Sudder ... ... 12 Serampore ... ... 12 Jehanabad ... ... 15 } per rupee.
	6	Howrah „ 23, '92 Uluberia ...	Nil Nil	Weather—seasonable. Average outturn of *aman* crop about 15 annas. Prospects of *rabi* crops not very good. Condition of cattle good. Fodder and water-supply sufficient. Price of common rice from 14 to 15 seers per rupee.
Presidency Divn.	7	24-Pergs. „ 23, '92	Nil	Weather—cold with heavy nightly dews. Harvesting of winter rice finished. Cold weather crops need rain. Sugarcane is still being pressed. No complaints about fodder or water. No cattle-disease prevalent. Prices stationary.
	8	Nuddea „ 23, '92 Kushtea ... Meherpore ... Chuadanga ... Ranaghat ...	Nil Nil Nil Nil Nil	Weather—seasonable. Prospects of winter crops unsatisfactory. Condition of cattle good and supply of fodder and water sufficient. Common rice sells at from 11 seers 7 chittacks to 13 seers 8 chittacks per rupee.
	9	Khoolna „ 23, '92 Bagirhat ... Satkhira ...	Nil Nil Nil	Weather—clear and very cold. Harvesting of *aman* going on. Prospects fair. Transplantation of *boro* still going on. Price of common rice varies from 14 to 17 seers per rupee. Fodder and water sufficient.
	10	Jessore „ 23, '92 Jhenidah .. Magurah ... Narail ... Bongong ...	Nil Nil Nil Nil Nil	Weather—seasonable. *Aman* harvest going on. Mustard is being gathered. *Rabi* crops moderate from want of rain. Fodder and water-supply sufficient. Price of rice rather high.
	11	Murshedabad „ 26, '92	Nil	Weather—seasonable. Harvesting of winter rice finished in Kandi subdivision; outturn there estimated to be 9 annas. *Rabi* crops doing well in Lalbagh subdivision. Fodder and water sufficient. Seven head of cattle died of small-pox in Kandi subdivision.
Chittagong Divn.	12	Chittagong „ 26, '92	Nil	Weather—seasonable. *Rabi* crops doing well. Prices steady. Condition of cattle good. Fodder sufficient.
	13	Noakhally „ 23, '92	Nil	Weather—seasonable. *Rabi* crops suffering from drought. No cattle-disease. Fodder and water available. Common rice is sold at 14½ seers per rupee in Sudder subdivision and 16 seers per rupee in Fenny subdivision.
	14	Tipperah „ 23, '92	Nil	Weather—seasonable. Winter crops thriving well. Transplantation of *boro* paddy going on. Fodder sufficient.
	15	Chittagong Hill Tracts. „ 21, '92	Nil	Weather—seasonable with dense fogs in the morning. Mustard ripening. Tobacco, chillies, and other vegetables progressing. Sugarcane is being pressed. No cattle-disease reported. Price of common rice 10 seers 8 chittacks a rupee.

	No	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—*concld.*				
Dacca Divn.	16	Dacca Jan. 23,'92	Nil	Weather—seasonable. Harvesting of *aman* completed. Lands are being ploughed for *til* and *kaon*. Prospects of winter crops good. Rain wanted. Fodder is available. Common rice selling at from 15 to 17 seers per rupee. Condition of cattle fairly good.
	17	Furreedpore „ 23, '92 Goalundo ... Madaripore ...	Nil Nil Nil	Weather—seasonable. Mornings occasionally foggy. State of *rabi* crops, namely, wheat, linseed, and barley, fair. Cultivation of *boro* and *jali* paddy in progress. Common rice selling at 16, 13, and 16 seers per rupee at Sudder, Goalundo, and Madaripore respectively. Condition of cattle good. Fodder available.
	18	Backergunge „ 23, '92	Nil	Weather—seasonable. State and prospects of crops good. Common rice selling at from 11 to 16 seers per rupee. Supply of fodder and water sufficient.
	19	Mymensingh „ 23, '92	Nil	Weather—cold. Prospects of crops fair. Common rice sells at 14 seers per rupee. Condition of cattle good. Supply of water and fodder sufficient.
Rajshahye Divn.	20	Dinagepore „ 23, '92 Thakurgaon ...	Nil Nil	Weather—cool. Sugarcane being pressed. Standing crops reported to be doing well in Thakurgaon subdivision. Land being prepared for *bhadoi* and jute. Price of rice has a tendency to rise at Thakurgaon. It is selling at 12 seers per rupee at Sudder. Condition of cattle good. Supply of fodder and drinking water sufficient.
	21	Rajshahye „ 23, '92 Nattore . Nowgong ...	Nil Nil Nil	Weather—cool and seasonable. Reaping of *aman* almost finished. Harvesting of *ganja* going on. Prospects of sugarcane, ginger, and pulses good. Prospects of *rabi* crops good. Rice selling at from 12 to 16 seers per rupee. No cattle-disease reported. Fodder plentiful; drinking water sufficient.
	22	Rungpore „ 23, '92 Nilphamari ... Gaibanda ... Kurigram ...	Nil Nil Nil Nil	Weather—cold and cloudy. Prospects of standing crops unchanged. Rain much wanted. Prices of common rice stationary as follows:— Srs. Sudder ... . 10 to 12 } Kurigram ... . 10 to 11 } per rupee. Gaibanda ... ... 13 to 17 } Nilphamari ... ... 13 } No cattle-disease, and fodder is plentiful.
	23	Bogra „ 23, '92 Sherpur ... Nowkhilla ...	Nil Nil Nil	Weather—seasonable. Prospects of *rabi* good. Lands commencing to be cultivated for *aus* and jute in some places. Fodder insufficient in the north-east of Adamdighi thana. Common rice 13¾ seers average per rupee.
	24	Pubna „ 23, '92	Nil	Weather—fine and cold. Reaping of *aman* paddy finished. Sugarcane is being reaped and yielding 12 annas outturn. Rain wanted for standing crops, the condition of which is still fair. Common rice selling at 14 seers per rupee. Fodder and water-supply sufficient.
	25	Darjeeling „ 23, '92	Nil	Weather—cold. Winter rice and *kalai* have been harvested. Sugarcane, mustard, wheat, and barley progressing favourably. Fodder and water-supply sufficient generally, but in some parts of Terai the grass for want of rain is not springing up. No disease among cattle.
	26	Julpigoree „ 23, '92	Nil	Weather—cloudy in the latter part of the week. Harvesting of winter rice over; average outturn about 7 annas. *Rabi* crops still doing well, but rain wanted. Price of rice stationary. No cattle-disease. Fodder and water-supply abundant.
BEHAR.				
Bhagulpore Divn.	27	Monghyr „ 23, '92 Beguserai ... Jamui ...	Nil Nil Nil	Weather—cloudy, seasonable. Prospects of *rabi* up to this time in Jamui estimated at 6 annas. Cattle-disease still continues in some villages in Jamui subdivision. Supply of fodder and water good. Common rice sells at from 11 to 13 seers per rupee.
	28	Bhagulpore „ 23, '92	Nil	Weather—seasonable. Winter rice harvesting about to be completed. *Rabi* crops suffering from want of rain. Expected outturn of wheat is only a little above 4 annas on the whole. Fodder sufficient.
	29	Purneah „ 23, '92 Kishengunge ... Arrareah ...	Nil Nil Nil	Weather—at times cloudy, but no immediate prospect of rain. Mustard still being harvested. Other *rabi* crops suffering from want of rain. Prices of common rice:— Srs. Sudder ... ... 11 to 13 } per rupee. Kishengunge ... ... 11 } No want of fodder or water at present.
	30	Maldah „ 23, '92 Chanchal ... Shibgunge ... Gajole ...	Nil Nil Nil Nil	Weather—cold; mornings foggy. Gathering of *kalai* and mustard not quite finished. Transplantation of *boro* paddy going on. *Rabi* crops suffering for want of rain. Fodder and water-supply sufficient. Common rice selling at an average of 12¾ seers per rupee.
	31	Sonthal Perghs. „ 23, '92	Nil	Weather cloudy during the past two days. Sugarcane is being cut. Rain wanted for *rabi*. Fodder-supply sufficient, but tanks are dry. Common rice selling at Rajmahal 10½ seers, and in other subdivisions from 14 to 16 seers per rupee.

Division	No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BEHAR—*concld.*				
Patna Division.	32	Patna Jan. 23, '92 Behar ... Dinapore ...	Nil Nil Nil	Weather—cold and cloudy in the latter part of the week. Harvesting of paddy nearly completed. Poppy flowering. Early mustard is being harvested. Peas, gram, wheat and barley in ear. Sky overclouded since yesterday (22nd), and it is somewhat drizzling to-day (23rd). A fall of rain at this season will do good to the crops that are not yet in flower, but those that are still in flower will be damaged to some extent.
	33	Gya „ 23, '92 Jehanabad ... Nawada ... Aurungabad ...	Nil Nil Nil Nil	Weather—cold and cloudy at the end of the week. Paddy harvesting almost finished. *Rabi* not yet in bad condition. Rain still wanted. Peas, *rahar* and gram, &c., in flower. Poppy commenced to flower. Prices of food-grains rising. Supply of fodder and water sufficient.
	34	Shahabad „ 23, '92 Buxar ... Sasseram ...	Nil Nil Nil	Weather—cold; west winds at beginning of week, east winds with increasing clouds since 21st. Slight drizzle to-day (23rd) at Arrah and sky cloudy. Threshing of paddy nearly over. *Rabi* doing well in irrigated areas, but is a poor crop in unirrigated areas. Rain wanted. All crops in Sudder sub-division good. Sugarcane being pressed. Early wheat, barley, and peas in ear and some have already been harvested near Nasriganj with a result of 8 annas. Common rice at Arrah 13 seers per rupee.
	35	Durbhunga „ 23, '92	Nil	Weather—cloudy and looks like rain. A few drops of rain fell to-day (23rd), but not enough to be of use. West winds changing to east during latter part of week. *Rabi* doing as well as can be expected. *Rahar* and tobacco good. Prices slightly rising. Fodder and water plentiful.
	36	Mozufferpore „ 23, '92 Hajipore .. Sitamarhi ...	Nil Nil Nil	Weather—cold; last two days cloudy. *Rabi* suffering everywhere for want of rain. The only good crop is *rahar*, and mustard is doing well in places. Other crops will, it is feared, generally fail. Prices showing a tendency to rise. Poppy suffering from want of rain, and the wells for its irrigation are beginning to give out. Cattle in good condition.
	37	Sarun „ 23, '92	Nil	Weather—cloudy and threatening during the last two days. *Rabi* fair. Sugar-cane is being pressed. Condition and prospects of poppy good. Water and fodder for cattle sufficient. Prices of common rice:— Srs. Chupra ... ... 13 } Sewan ... ... 13¼ } per rupee. Gopalgunge ... ... 14¼ }
	38	Chumparun „ 23, '92	Nil	Weather—cold and cloudy. Rain urgently wanted for *rabi* crops. Outturn of *rabi* estimated at about 8 annas. Poppy is being irrigated and doing well. Prices have slightly risen. Fodder and water for cattle sufficient.
ORISSA.				
Orissa Divn.	39	Cuttack „ 23, '92	Nil	Weather—seasonable. *Sarad* paddy is being harvested. *Rabi* and mustard are being gathered. *Dalua* paddy progressing well. Condition of cattle good. Fodder-supply ample. Price of common rice stationary.
	40	Pooree „ 21, '92	Nil	Weather—cool. Harvesting of *sarad* going on. *Dalua* paddy growing well. Miscellaneous crops thriving. Common rice sells at from 12½ to 21 seers per rupee.
	41	Balasore „ 23, '92	Nil	Weather—days warmer, nights still cold. Harvesting of winter rice completed. Rice selling at 15 to 16 seers a rupee at Balasore.
CHOTA NAGPORE.				
South-West Frontier Agency.				
Chota Nagpore Divn.	42	Hazaribagh Jan. 23, '92 Giridih ...	Nil Nil	Weather—seasonable and cloudy at intervals. If it does not rain shortly the prospects of standing crops will be affected. Prospects of poppy reported to be unfavourable. Common rice selling at from 11 to 16 seers per rupee. Water and fodder-supply sufficient. Cattle-disease reported from certain parts of the district.
	43	Lohardugga „ 23, '92	Nil	Weather—mornings a little cloudy. Rain badly wanted for *rabi* crops and for ploughing land for upland paddy. Common rice selling at 14 seers per rupee. Fodder and water plentiful.
	44	Palamow „ 20, '92	Nil	Weather—often cloudy. Standing *rabi* crops suffering much for want of rain. A slight shower of rain will do immense good to wheat and barley. Sugar-cane being pressed everywhere. Fodder and water-supply continues to be sufficient.
	45	Singbhoom „ 23, '92	Nil	Weather—seasonable. *Rabi* crops doing well and being harvested. Outturn on the average 12 annas. Rice selling at from 16 to 24 seers per rupee. Fodder and water still sufficient.
	46	Manbhoom „ 23, '92 Govindpore ...	Nil Nil	Weather—seasonable. Some rain is wanted. Rice selling at 16 seers per rupee. Fodder and water-supply getting less.

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 26th January, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 17th to 23rd January 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Maximum.	Range.	Minimum.	Hygrometry. Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Wind. Prevailing direction.	Miles recorded.	Rain.	Weather.
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Jan.	17th	132 9	9·4	30·018	63·3	76·9	26 2	50·7	55·0	0·326	47·2	60	NNW and WNW	65	Nil	Clear, △.
,,	18th	133·2	9·3	·027	65·4	80·5	28·2	52 3	57·3	·367	50·4	62	NNW ...	71	,,	Chiefly clear, △.
,,	19th	133 8	9·4	·060	66·2	80·4	25·8	54·6	57·9	·372	50·8	61	NNW, NW by N, and variable.	60	,,	Clear, △.
,,	20th	132·0	9·4	·081	64·8	74·4	20·7	53 7	56 4	·344	48·6	59	NNW and NNE	47	,,	Clear, △.
,,	21st	131·7	9·3	·094	63·2	78·5	29·0	49·5	55·3	·335	48·0	61	N and NNW ...	48	,,	Chiefly clear, △.
,,	22nd	133·4	7·2	·099	64·2	78·5	27·6	50·9	57·3	·384	51·6	66	NNE and ESE ...	33	,,	Partially cloudy, △, ≡.
,,	23rd	132·5	8·8	·115	65·4	79·9	26·4	53·5	58·2	·391	52·2	62	S by E and W by S.	39	,,	Chiefly clear, △, ≡.

	Inches.
The mean pressure of the seven days	30·071
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	30·011
	Hours.
The total number of hours of bright sunshine	62·8
The maximum possible number of hours of sunshine	76·4
	°
The mean temperature of the seven days	64·6
The average temperature of the corresponding period for 24 years, S.-G.'s Office	68·1
The extreme variation of temperature	31 0
The maximum temperature	80·5
	Miles
The highest velocity of the wind in one hour	7
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	62
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	70
	Inches.
The total fall of rain from 17th to 23rd January 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·04
The total fall from 1st to 23rd January 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·17

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

△, dew ≡, fog.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 25th January 1892.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS.													
			Air pressure.			Wind.		Temperature.								
			Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Pooree	Pooree ...	30·124	30·073	—	Calm & Nly	189	81·6	20th Jan.	63 6	21st Jan.	80·3	65·4	72·9	—	69·6
		Gopalpore ...	30·111	30·074	+·084	NNW	206	82·5	21 & 22 ,,	59·0	21st ,,	81·4	61·6	71·5	+1·1	65·4
		False Point ...	30·123	30·086	+·058	NWly	141	80·4	17, 19, 20, 21 & 23 ,,	57·0	23rd ,,	79·0	59·0	69·5	+0·8	65·9
	Cuttack	Cuttack ...	30·002	30·088	+·064	Calm & ENE	32	86 9	19th ,,	59·8	23rd ,,	85·3	62 0	73·7	+1·4	65·4
	Balasore	Balasore ...	30 087	30·092	+·056	NW	78	84·4	21st ,,	53·5	23rd ,,	82·5	54 5	68 5	+0·2	60·9
South-West Bengal.	South-West Midnapore, South 24-Pergunnahs	Saugor Island	30·114	30·085	+·059	NNE	175	79·2	20th ,,	55 3	22nd ,,	77·1	58·0	67·5	—0·5	61·5
	Midnapore	Midnapore ...	29·994	30·098	+·049	N	247	85·3	20th ,,	52·2	21st ,,	83·4	54 9	69·2	+1·9	60·7
	24-Pergunnahs ..., Howrah ..., Hooghly ...	Calcutta ...	30·123	30 091	+·054	Nly	55	80 7	19th ,,	49·7	21st ,,	78·3	52·2	65·3	—0·7	57·9
	Burdwan	Burdwan ...	30·056	30·109	+·007	Calm	29	82·5	19th ,,	48 8	17th ,,	80·2	52·7	66·4	+0·1	58·4
	Bankoora	Bankoora ...	29·817	30·086	+·053	WNW	56	83·1	19th ,,	50 3	17th ,,	80·3	53·1	66 7	+1·2	58 1
	Beerbhoom ..., West Burdwan ...	Raneegunge	29·810	30·130	+·057	NWly	61	81·0	20th ,,	50·0	21st ,,	80·1	53·1	66·6	+0·9	56·9
	Moorshedabad	Berhampore ...	30·071	30·091	+·050	Variable	36	79·6	19th ,,	49·1	17th ,,	78·2	51·7	65·0	+0·2	54·7
	Nuddea	Krishnaghur...	30·094	30·093	+·074	Variable	66	80·5	19 & 20 ,,	45·2	21st ,,	79·1	47·6	63·3	−0·8	56·3
	Jessore ..., Khoolna ...	Jessore ...	30·100	30 082	+·054	Calm	31	79·2	20 & 23 ,,	47·4	17, 18, 21,,	78 1	48·8	63·4	−2·1	53·7
East Bengal.	Chittagong	Chittagong ...	30·044	30 084	+·058	Calm	40	82·7	23rd ,,	50·1	18th ,,	79·8	52·0	65·9	—0·7	57 9
	Chittagong Hill Tracts	Domagiri ...	Observations not received.													
	Backergunge	Barrisal ...	30·120	30·078	+·068	Calm	30	79·3	20th Jan.	48·6	21st ,,	77·5	51·1	64·3	0	57·9
	Noakhally...	Noakholly ...	30·085	30·078	+·069	Calm	54	80·0	20th ,,	46·0	18th ,,	77·9	49·4	63·7	−1·2	57·4
	Furreedpore	Furreedpore ...	30·103	30·092	+·075	Calm	34	74·0	18 & 19 ,,	47·0	18 & 21 ,,	73·6	48·9	61·3	−2·2	55·4
	Dacca	Dacca ...	30·110	30·081	+·055	Calm	56	80 6	23rd ,,	49·7	18th ,,	78·5	52·3	65·4	−1·2	57·3
	Commillah	Commillah ...	30·094	30·078	+·062	N	12	81·4	23rd ,,	48·1	20th ,,	78·3	49 9	64·1	—0·2	54·4
	Mymensingh	Mymensingh	30·078	30·090	+·066	ENE	42	77·8	23rd ,,	47·1	17th ,,	75·1	50·5	62·8	+0·1	55·3
North Bengal.	Bogra	Bogra ...	30·060	30·068	+·060	Calm	33	78·3	23rd ,,	45·2	17 & 20 ,,	76·4	48·3	62·4	—1·0	53·5
	Pubna	Serajgunge ...	30·082	30·081	+·057	SWly	11	77 4	22 & 23 ,,	44·5	20th ,,	76·3	47·6	62·0	—0·8	54·0
	Rajshahye	Rampore Beauleah.	30·062	30·085	+·070	Nly	71	78·4	23rd ,,	47·7	21st ,,	75·2	49·2	62·3	+0·5	55 9
	Maldah	Maldah ...	30·069	30·108	—	NW	87	80 6	23rd ,,	42 7	21st ,,	78·2	45·4*	61·8*	—	57·2
	Dinagepore	Dinagepore ...	30·008	30·090	+·047	W	48	80·1	23rd ,,	42·5	17th ,,	77·2	46·4	61·8	—0·3	54·9
	Rungpore	Rungpore ...	30·017	30·103	+·070	Variable	28	79 2	23rd ,,	43·0	17th ,,	75·9	47·5	61·7	+0·2	53·3
	Julpigoree ..., Cooch Behar ...	Julpigoree .	29·833	30·089	+·058	NE	63	79 9	23rd ,,	43 0	20th ,,	74·4	51·2	62 9	+1·0	56·5
	Darjeeling Hill Tracts...	Darjeeling ...	23·033	—	+·073	Ely	103	50 5	24th ,,	32·7	17 & 19 ,,	43·5	34·9	39 2	—0·1	39·1
North Behar.	Purneah ..., North Bhagulpore ...	Purneah ...	30·010	30·100	+·056	Calm	30	80·2	23rd ,,	40·3	17, 19 20 ,,	76·7	43·2	59 9	—1·6	49·1
	Mozufferpor	Mozufferpore	29·944	30·090	—	Variable	89	79·2	19th ,,	41·8	17th ,,	76·4	47·3	61·9	—	52·6
	Durbhunga	Durbhunga ...	29·988	30 121	+·070	Variable	60	78·0	19th ,,	45·7	17th ,,	75·9	48·9	62·4	+0·6	53·5
	Chumparun	Motihari ...	29·889	30 088	+·056	WSW	114	78 2	19th ,,	40·0	17th ,,	75·5	44·8	60·1	+0·4	52·3
	Sarun	Chupra ...	29·943	30·091	+·078	SW	95	80·3	19th ,,	45·7	21st ,,	76·7	48·8	62·7	+1·3	54 1
South Behar.	Shahabad	Dehree ..	29·786	30·114	+·059	SWly	159	81·3	18th ,,	51·5	22nd ,,	78·1	55·9	67·0	+5·4	58·8
		Buxar ...	29·912	30·122	+·074	Wly	120	78·9	19th ,,	46·9	19th ,,	75·5	50·0	62·7	+1·0	57·6
		Arrah ...	29·938	30·096	+·069	Wly	94	78·8	19th ,,	?	?	76·6	?	?	?	54·0
	Gya	Gya ...	29·760	30 112	+·050	W	136	80·3	19th ,,	46 9	21st ,,	77·9	51·8	64 9	+1·3	58·6
	Patna	Bankipore ..	29·963	30 100	+·041	W	98	76·8	19th ,,	46 8	17 & 20 ,,	73·0	50 6	61 8	+0·5	59·1
	South Bhagulpore ..., Monghyr ...	Bhagulpore ...	29 976	30·099	+·063	Calm	18	80·3	23rd ,,	45·0	20th ,,	77·6	49·1	63·8	+1·7	57·1
	Sonthal Pergunnahs ...	Doomka ...	29·627	30·111	+·061	Calm	38	80·6	19th ,,	45·0	17th ,,	78·1	49·2	63 7	+0·5	54·3
Chutia Nagpur.	Hazaribagh	Hazaribagh ...	28·068	30·109	+·058	Variable	208	76·2	19th ,,	48·7	21st ,,	74·9	51·7	63·3	+1·8	58·7
	Lohardugga ..., Manbhoom ...	Ranchee ...	27·039	30·096	+·058	Calm	196	77·0	22nd ,,	47·9	21st ,,	75·1	51·9	63·5	+2·5	60·0
	Singbhoom	Chyebassa ...	29·359	30·098	+·082	Variable	20	84·3	20th ,,	50·9	21st ,,	82·1	53·3	67·7	+0·8	64·5

* Mean of 6 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last
The *humidity* of the atmosphere is expressed at percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the [illegible] [illegible] means or average of the rainfall in that district determined from the returns sent in by the sub-divisional station for the period in question during the past stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 23rd of January 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	Of week. Mean for district.	Of week. Normal mean.	District observations. Rainfall. Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 16th October 1891. Mean for district.	Since 16th October 1891. Normal mean.	Since 16th October 1891. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
82	1·1	Nil	Nil	0·14	Nil	0·25	−0·25	3·34	6·57	−3·23	0 00	0 28	Pooree ...	Pooree	Orissa.
80	0·6	Nil											Gopalpore ...		
90	1·3	Nil											False Point ...		
81	4·1	Nil	Nil	0·18	Nil	0·27	−0·27	7·69	4·30	+3·39	0·00	0·37	Cuttack ...	Cuttack	
74	0·	Nil	Nil	0·17	Nil	0·29	−0·29	3·90	3·00	+0·90	0·00	0·30	Balasore ...	Balasore	
79	1·1	Nil	Nil	0·15	Nil	0·31	−0·31	2·54	4·40	−1·95	0·00	0·34	Saugor Island ...	South-West Midnapore South 24-Pergunnahs	South-West Bengal.
54	1·3	Nil	Nil	0·11	Nil	0·33	−0·33	0·28	2 28	−2·00	0·00	0·32	Midnapore ...	Midnapore	
77	0·3	Nil	Nil	0·17	Nil	0·36	−0·36	0·46	2·18	−1·72	0·00	0·43	Calcutta ...	24-Pergunnahs ... Howrah ... ... Hooghly	
60	1·1	Nil	Nil	0·21	Nil	0·31	−0·31	0·54	1·97	−1·43	0·00	0 39	Burdwan ...	Burdwan	
64	1·6	Nil	Nil	0·23	Nil	0·31	−0·31	0·56	1·97	−1·41	0·00	0·51	Bankoora ...	Bankoora	
59	1·1	Nil	Nil	0·13	Nil	0·38	−0·38	1·35	1·44	−0·09	0 00	0·34	Raneegunge ...	Beerbhoom ... ... West Burdwan ...	
87	2·0	Nil	Nil	0·12	Nil	0·41	−0·41	1·34	1·37	−0·03	0·00	0·30	Berhampore ...	Moorshedabad ...	
81	1·6	Nil	Nil	0·13	Nil	0·27	−0·27	0·74	1·93	−1·19	0·00	0·31	Krishnagur ...	Nuddea	
89	0·4	Nil	Nil	0·19	Nil	0·40	−0·40	1·85	2·55	−0·70	0·00	0·37	Jessore ...	Jessore ... ... Khoolna	
84	2·0	Nil	Nil	0·21	Nil	0·51	−0·51	3·00	5·47	−2·47	0 00	0·31	Chittagong ...	Chittagong	East Bengal.
			Nil	0·23	Nil	0·45	−0·45	3·33	4·82	−1·49	0·00	0·35	Domagiri ...	Chittagong Hill Tracts	
86*	3·4	Nil	Nil	0·29	Nil	0·56	−0·56	1·34	4·05	−2·71	0·00	0·44	Barrisal ...	Backergunge	
84	0·0	Nil	Nil	0·18	Nil	0·44	−0·44	2·43	5·39	−2·96	0·00	0·31	Noakhally ...	Noakhally	
90	0·0	Nil	Nil	0·18	Nil	0·36	−0·36	1·94	2·04	−0·10	0·00	0·39	Furreedpore ...	Furreedpore	
84	1·1	Nil	Nil	0·15	Nil	0·31	−0·31	2·47	2·61	−0·14	0·00	0·42	Dacca ...	Dacca	
88	0·7	Nil	Nil	0·17	Nil	0·49	−0·49	5·67	2·91	+2·76	0·00	0·43	Commillah ...	Commillah	
89	0·7	Nil	Nil	0·13	Nil	0·33	−0·33	1·91	2·24	−0·33	0·00	0·33	Mymensingh ...	Mymensingh	
84	0·7	Nil	Nil	0·08	Nil	0·30	−0·30	2·34	1·60	+0·74	0·00	0·21	Bogra ...	Bogra	North Bengal.
91	1·1	Nil	Nil	0·11	Nil	0 32	−0·32	1·05	2·05	−1·00	0·00	0·33	Serajgunge ...	Pubna	
80	0·9	Nil	Nil	0·12	Nil	0·43	−0·43	1·22	1·48	−0·26	0·00	0·20	Rampore Beauleah	Rajshahye	
74	1·3	Nil	Nil	0·13	Nil	0·44	−0·44	0·14	1·65	−1·51	0·00	0·20	Maldah ...	Maldah	
79	0·4	Nil	Nil	0·08	Nil	0·34	−0·34	0·19	1·08	−0·89	0·00	0·21	Dinagepore ...	Dinagepore	
87	0·3	Nil	Nil	0·12	Nil	0·40	−0·40	0·17	1·54	−1 37	0·00	0·21	Rungpore ...	Rungpore	
86	0·7	Nil	Nil	0·17	Nil	0·35	−0·35	Nil	1·68	−1·68	0·00	0·31	Julpigoree ...	Julpigoree ... ... Cooch Behar	
81	1·9	Nil	Nil	0·29	0·02	0·63	−0·61	0·73	2·93	−2·20	0·00	0·83	Darjeeling ...	Darjeeling Hill Tracts	
85	1·0	Nil	Nil	0·16	Nil	0·43	−0·43	Nil	1·55	−1·55	0·00	0·30	Purneah ...	Purneah ... ... North Bhagulpore ...	North Behar.
87	2·0	Nil	Nil	0·24	Nil	0·59	−0·59	0·06	1·58	−1·52	0·00	0·45	Mozufferpore ...	Mozufferpore	
82	1·7	Nil	Nil	0·21	Nil	0·52	−0·52	Nil	1·39	−1·39	0·00	0·39	Durbhunga ...	Durbhunga	
84	1·4	Nil	Nil	0·28	Nil	0·58	−0·58	Nil	1·12	−1·12	0·00	0·52	Motihari ...	Chumparun	
77	2·3	Nil	Nil	0·32	Nil	0·62	−0·62	0 05	1·53	−1·48	0·00	0·63	Chupra ...	Sarun	
57	3·6	Nil											Dehree ...		
60	3·7	Nil	0·07	0·21	0·07	0·58	−0·51	0·11	2 04	−1·93	0·02	0·42	Buxar ...	Shahabad	South Behar.
73	2·6	Nil											Arrah ...		
65	3·4	Nil	Nil	0·24	Nil	0·57	−0·57	0·20	1·60	−1·40	0·00	0·30	Gya ...	Gya	
57	2·1	Nil	0·02	0·18	0·02	0·47	−0·45	0·15	1·76	−1·61	0·00	0·31	Bankipore ...	Patna	
66	1·0	Nil	Nil	0·13	Nil	0·44	−0·44	0·07	1·69	−1·62	0 00	0·33	Bhagulpore ...	South Bhagulpore ... Monghyr	
66	0·0	Nil	Nil	0·11	Nil	0·34	−0·34	0·40	1·55	−1·06	0·00	0·35	Doomka ...	Sonthal Pergunnahs ..	
45	3·3	Nil	Nil	0·22	Nil	0·52	−0·52	0·15	1·71	−1·56	0·00	0·51	Hazaribagh ...	Hazaribagh	Chutia Nagpur.
55	3·6	Nil	Nil	0·21	Nil	0·64	−0·64	0·18	2·24	−2·06	0·00	0·56	Ranchi ...	Lohardugga	
			Nil	0·19	Nil	0·45	−0·45	0·46	1·68	−1·22	0·00	0·47		Manbhoom	
59	1·1	Nil	Nil	0·29	Nil	0·56	−0·56	0·54	2·35	−1·81	0·00	0·60	Chyebassa ...	Singbhoom	

ten years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean
ten years. The means of the district are the numerical average of the rainfall return received in the district, *i.e.*, from total rainfall at the subdivisions

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 23rd of January 1892.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 17th Jan.	Monday, 18th Jan.	Tuesday, 19th Jan.	Wednesday, 20th Jan.	Thursday, 21st Jan.	Friday, 22nd Jan.	Saturday, 23rd Jan.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
ORISSA ...	Pooree ..	Pooree ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·14	15·91	7·39
		Khurdah ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·22	3·74	4·82
		Banpur ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·07	1·77	6·36
		False Point ...	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	0·55	12·25	7·71
		Gop ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Satpara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·10	?
		Pipli	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	6·98	?
	Cuttack	Jagatsingpore	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·29	12·47	4·42
		Banki ..	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·18	1·17	3·78
		Cuttack ...	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·27	4·87	4·31
		Kendrapara ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·35	16·72	4·51
		Jajpore ...	......	......	......	......	......	......	......	Nil	Nil	0·[illegible]5	Nil	0·22	3·24	3·66
		Dharmsala .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	5·30	?
		Salipore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	8·20	?
		Akhoyapada ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·74	?
	Balasore	Chandbali ...	......	......	......	......	......	......	......	Nil	Nil	0·35	Nil	0·44	11·05	4·42
		Bhuddruck ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·25	5·85	3·12
		Sorah ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·17	3·93	2·84
		Balasore ..	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·35	2·47	3·85
		Jellasore ..	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·25	0·82	1·67
		Baripodah ..	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·19	0·35	2·16
SOUTH-WEST BENGAL.	Midnapore	Contai ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·15	2·40	5·03
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·24	4·44	5·30
		Tumlook ..	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·25	0·35	2·77
		Midnapore ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·45	0·18	2·77
		Ghattal ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·30	0·33	1·83
		Kukrahaty ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·31	?
		Garbetta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·19	?
	24-Pergunnahs	Diamond Harbour ...	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·54	0·70	3·09
		Canning Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·34	?
		Alipore Jail ..	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·39	0·43	2·75
		Barrackpore...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·37	0·28	2·10
		Dum-Dum ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·40	0·40	2·33
		Baraset .	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·51	0·36	2·39
		Busserhat ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·28	1·28	2·09
	Howrah	Howrah .	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·38	0·29	2·48
		Mohesreka ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·31	0·41	1·76
		Oolooberiah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·30	?
	Hooghly ..	Serampore ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·33	0·49	1·97
		Hooghly ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·34	0·33	2·19
		Jehanabad ..	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·31	0·30	1·84
	Burdwan .	Culna .	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·39	0·34	2·03
		Burdwan ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·25	0·28	1·94
		Cutwa ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·28	0·38	1·94
		Raneegunge ..	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·27	0·56	1·42
		Mankur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·85	?
	Bankoora ..	Bankoora ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·27	0·69	1·92
		Bishenpore ...	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·30	0·37	1·91
		Maiara ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·27	0·65	1·54
		Khatra ...	......	......	......	......	......	......	......	Nil	Nil	0·30	Nil	0·41	0·50	2·46
		Indas ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·48	?
		Kotalpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·30	?
		Anda ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
		Gangajalghati	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·29	?
		Raipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·82	?
		Sonamukhi ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·51	?
	Beerbhoom	Bh. Soory ..	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·39	1·45	1·76
		Hetampore ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·45	1·52	1·11
		Rampore Haut	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·45	1·88	1·46
		Bolpore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·10	?
		Murari ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·36	?
	Nuddea ..	Ranaghat ..	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·31	0·60	2·06
		Kishnaghur ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·27	1·30	1·49
		Chooadanga ..	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·20	0·47	2·31
		Meherpore ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·25	0·30	1·78
		Kooshtea .	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·28	1·00	1·97
	Khoolna ..	Satkhira .	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·33	3·13	2·60
		Bagirhat ..	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·65	2·78	2·85
		Khoolna ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·48	3·89	2·91
		Nakipur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·82	?
		Rampal .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·80	?
	Jessore ...	Narail	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·49	2·13	2·95
		Jessore ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·42	1·43	2·71
		Jhenidah ..	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·30	0·34	2·26
		Magoorah ..	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·22	0·52	1·82
		Bongong ..	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·32	0·56	2·33
	Moorshedabad	Kandi ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·32	1·20	1·53
		Berhampore ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·47	1·06	1·48
		Lalbagh ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·20	0·86	1·21
		Azimgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·54	1·86	1·48
		Jungipore ..	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·44	1·43	1·27
		Lalgola ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·50	1·60	1·23
		Akarigunj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·63	?
		Patkabari .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·10	?
BENGAL	Chittagong	Cox's Bazar ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·45	4·01	6·52
		Chittagong ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·54	1·98	4·35
		Kutubdia ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·81	?
		Satkanya ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·73	?
	Chittagong Hill Tracts.	Rangamati ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·45	3·32	4·82
		Bundarbun ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·04	?
	Backergunge	Patuakhally...	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·61	0·93	4·48
		Perozepore	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·61	1·69	3·75
		Burrisal ..	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·63	2·21	4·00
		Bhola ...	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·40	0·53	3·90

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m), the 23rd of January 1892—contd.

Meteorological division.	District.	Station.	Rainfall.							Total—			Total rainfall since 1st of month	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
			Sunday, 17th Jan.	Monday, 18th Jan.	Tuesday, 19th Jan.	Wednesday, 20th Jan.	Thursday, 21st Jan.	Friday, 22nd Jan.	Saturday, 23rd Jan.	Number of rainy days.	Rainfall of week.	Average normal rainfall of week.				
EAST BENGAL —concld.		*Gournuddi* ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·01	?
		Bauphal ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·60	?
	Noakholly ..	Noakholly	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·40	2·77	4·57
		Fenny .	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·45	2·03	6·16
		Harishpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·47	?
		Ramganj ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·39	?
	Furreedpore	Madaripore ..	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·49	4·24	2·15
		Furreedpore ..	......	......	......	......	......	......	......	Nil	Nil	0 20	Nil	0·29	1·07	1 91
		Goalundo	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·29	0·53	2·05
	Dacca ..	Munshigunge	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·34	3·78	2·98
		Dacca ..	......	......	......	......	......	......	......	Nil	Nil	0· 2	Nil	0·27	1·98	1 89
		Naraingunge	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0 28	3 34	3·58
		Manickgunge	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0 33	0·82	1·90
		Joydebpore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·95	?
	Hill Tipperah	Agartola ..	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·50	7·40	3·75
	Tipperah .	Comilla ..	......	......	......	......	......	......	......	Nil	Nil	0 14	Nil	0·52	6·42	2·93
		Chandpore ..	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·40	4·4	2·21
		Brahmunberia	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·53	4·50	2 73
		Ramchandrapore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·42	?
		Nasirnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1 55	?
		Daudkandi	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·17	?
		Kasba .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	7·44	?
		Laksham .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·05	?
	Mymensingh	Kishoregunge	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·51	1·67	2·32
		Atia (*Tangail*)	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0 36	0·63	1·97
		Mymensingh	......	......	......	......	......	......	......	Nil	Nil	0 12	Nil	0·28	2·57	2·17
		Jamalpore .	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·30	3·00	2 03
		Netrokona ..	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·18	1·71	2 06
		Subornakhali	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·10	?
		Durgapore ...	......	......	......	......	......	......	......	Nil	Nil	?		?	?	?
		Sherepore Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·08	?
		Dewanganj	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·84	?
NORTH BENGAL.	Pubna ..	Pubna ..	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·30	0·99	1·95
		Serajgunge ..	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·33	1·09	2·11
	Bogra ..	Sherepore ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·32	2·64	1·92
		Nowkhilla ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·28	2·67	1·76
		Bogra ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·41	3·60	1 84
		Panchbibi ..	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·21	0·45	0·86
	Rajshahye ..	Beauleah ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·37	0·31	1 40
		Nattore ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·59	1·44	1·85
		Naogaon ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·32	1·90	1·19
		Lalpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·07	?
		Manda ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·00	?
	Maldah ..	Maldah ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·41	0·26	1·92
		Chanchal ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·49	0·02	1·32
		Gajol ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·15	?
		Sibganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·93	?
	Dinagepore	Mohadebpore	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·30	0·70	0·78
		Churamon ..	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·33	0·08	0·76
		Raigunge ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0 49	Nil	0·86
		Dinagepore ..	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·36	Nil	2·29
		Baloorghat	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·23	0·17	0·77
		Thakoorgaon	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Rungpore	Bhawanigunge (*Gyabanda*)	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·33	0·54	1·64
		Rungpore ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·54	0·09	2·14
		Kurigram ..	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·39	0·06	1·33
		Bagdogra (*Nilphamari*)	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·36	Nil	1·06
		Ulipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·48	?
	Julpigoree ..	Julpigoree ..	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·47	Nil	2·74
		Alipore Dooar	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Fallacotta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Debiganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bhagatpore (*Nagrakatta*)	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·41	?
	Cooch Behar	Dinhatta ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·36	Nil	1·45
		Cooch Behar ..	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·39	Nil	1·03
		Mekligunge ..	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·31	Nil	1 37
		Matabhanga ...	......	......	......	......	......	......	......	Nil	Nil	0 08	Nil	0·24	Nil	1 17
	Darjeeling Hill.	Buxa .	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·93	2 30	4·63
		Silliguri ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·40	Nil	1·18
		Darjeeling ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·46	0·07	4·19
		Kalimpong ..	......	......	......	......	......	......	......	Nil	Nil	0·53	Nil	0·53	0·53	1·68
		Kurseong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
NORTH BEHAR	Purneah ...	Kissengunge ...	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·57	Nil	1·71
		Arrareah ..	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·39	Nil	1·35
		Purneah ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·42	Nil	2·07
		Gondwara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Barsoe ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Matiari ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Kaliaganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	North Bhagulpore.	Maddapore ..	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·42	Nil	1·37
		Soopool ..	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·38	Nil	1·28
		Protabganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Durbhunga ...	Tajpore ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·46	Nil	1·42
		Durbhunga ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·47	Nil	1·37
		Madhubani ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·62	Nil	1·45
		Bahera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Roshera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Mozufferpore	Sitamarhi ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0 44	Nil	1·11
		Mozufferpore	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·72	Nil	2·14
		Hajipore ...	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·58	0·17	1·44
		Para ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Mahua ...	......	......	......	......	......	......	0·05	Nil	0·05	?	0·05	?	0·05	?
		Siuhar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pupri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 23rd of January 1892—concld.

Meteorological division.	District.	Station.	Rainfall. Sunday, 17th Jan.	Monday, 18th Jan.	Tuesday, 19th Jan.	Wednesday, 20th Jan.	Thursday, 21st Jan.	Friday, 22nd Jan.	Saturday, 23rd Jan.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
NORTH BEHAR —*concluded.*	Chumparun	Motihari ..	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·50	Nil	1·08
		Bettiah ...	......	......	......	......	......	......	......	Nil	Nil	0·35	Nil	0·61	Nil	1·13
		Bagaha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Burhurwa .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Sarun ..	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·43	Nil	0·59	0·07	0·97
		Sewan	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·71	0·09	1·93
		Chuprah ...	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·57	Nil	1·71
SOUTH BEHAR	Shahabad ...	Buxar	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·66	0·18	2·07
		Dehree	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·57	Nil	2·07
		Bhaboosh ...	......	......	......	......	......	......	0·25	1	0·25	0·19	0·25	0·64	0·25	2·35
		Sasseram ...	......	......	......	......	......	......	......	0·30	Nil	0·15	Nil	0·43	Nil	1·97
		Arrah ...	......	......	......	......	......	......	0·09	Nil	0·09	0·20	0·09	0·55	0·09	1·64
		Mohaniah .	......	......	......	......	......	......	0·21	1	0·21	?	0·21	?	0·21	?
		Khiri ...	......	......	......	......	......	......	0·30	1	0·30	?	0·30	?	?	?
		Ugeaon ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Rammagar ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Koath ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Sikrour ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Bassawan ...	......	......	......	......	......	......	0·25	1	0·25	?	0·25	?	?	?
		Manaharpur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
	Gya ...	Aurungabad...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·50	Nil	1·39
		Gya ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·46	0·73	1·68
		Nowadah ...	......	......	......	......	......	......	......	Nil	Nil	0·52	Nil	0·65	0·07	1·67
		Jehanabad ..	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·63	Nil	1·60
		Arwal	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Daudnagar	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sherghatti	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·26	?
		Rajauli	......	......	......	......	......	......	......	0·501	0·50	?	0·50	?	Nil	?
		Pakri Barawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·03	?
	Patna	Patna .	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·49	0·21	1·76
		Dinapore	......	......	......	......	......	......	0·06	Nil	0·06	0·20	0·06	0·49	0·16	1·72
		Behar ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·55	0·06	1·88
		Barrh ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·37	0·13	1·67
		Bickram ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hilsa	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
	Monghyr ...	Begooserai ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·53	0·05	2·01
		Monghyr	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·40	Nil	1·74
		Jamui .	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·49	0·10	1·38
		Gogri ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	South Bhagulpore	Bhagulpore .	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·35	0·01	1·46
		Banka	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·39	0·18	1·81
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bongaon ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Sonthal Pergunnahs.	Rajmehal ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·16	0·14	1·21
		Godda ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·33	0·08	1·29
		Pakour	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·25	1·85	1·23
		Nya Doomka	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·53	0·33	1·74
		Deoghur .	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·41	0·15	2·20
		Jamtara ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·40	0·30	1·66
		Mohagama	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Nanihat .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·76	?
CHUTIA NAGPUR.	Hazaribagh .	Pachamba ... (*Giridi*).	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·31	Nil	1·50
		Hazaribagh .	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·50	0·15	1·81
		Semtaguran	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·47	Nil	1·48
		Mahudi Hills	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·70	Nil	1·72
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·61	0·50	1·90
		Barhi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·07	?
		Chatra .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·05	?
		Karagdeha ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·17	?
		Ramghur .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·15	?
	Lohardugga	Lohardugga...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·77	0·22	2·64
		Ranchi ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·56	0·23	2·06
		Palamow	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·61	0·06	2·07
		Silli ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Balumat .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hosseinabad	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Garwah ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Singbhoom	Chyebassa ...	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·56	0·54	2·35
		Chakradharpore.	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Ghatsilla ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·88	?
		Baharagura	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·62	?
	Maunbhoom	Purulia ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·41	0·65	1·62
		Gobindpore .	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·47	0·25	1·70
		Raghunathpore.	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Barrabhoom	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·70	?
		Jhalda ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·23	?
		Chas .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·19	?
		Pandra ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?

Explanation.—......indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the 26th January* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 23RD OF JANUARY 1892.

FOR a part of the previous week a barometric depression had existed over Bengal, but at its close the depression had filled up, and conditions were rapidly becoming normal for the cold weather. On the 17th, or the first day of the present week, pressure continued to rise moderately in Bengal, and it became almost absolutely normal for the day. A rapid fall of temperature took place and the mean temperature of the province became decidedly below the normal; humidity also fell and the sky was almost absolutely cloudless. Winds also were generally westerly and north-westerly, and fine settled weather obtained over the whole province. Conditions generally remained almost unchanged on the 18th, except that temperature continued to fall, while on the 19th there was a very decided increase both of temperature and pressure, though on the 20th the changes were a little variable. On the 20th also there were indications of the advance of a barometric depression over North-Western India, and on the 21st a very distinct depression existed with a centre near Deesa. In Bengal, on the 21st, the general conditions were quite unaffected by the depression, but on the 22nd the depression had advanced in an easterly or south-easterly direction, and had reached the Central Provinces, when weather in Bengal was immediately changed. Winds became more or less easterly at the majority of stations, perhaps forming part of a general cyclonic circulation round the depression. Temperature and humidity also rose, while pressure began to fall at the stations in the extreme west of the province, though it was still rising elsewhere. Cloud proportion also increased rapidly, particularly in South Behar, and on the morning of the 23rd a few rain showers were reported from the Shahabad, Mozufferpore and Dinapore districts, but the amounts were in no case large. The depression had, however, to a great extent filled up and disappeared on the 23rd, though pressure was falling in Bengal and humidity and temperature were rising, and in the case of the mean temperature it had become from about 1° to 7° above the normal. Winds also were generally more or less easterly, and the sky remained decidedly clouded over, particularly in the western districts. Thus for the last two days of the week conditions in Bengal were decidedly disturbed, and abnormally high temperature and humidity generally obtained.

Pressure.—The mean pressure for the week has been from 0·05 inch to 0·08 inch in excess of the normal. This excess has been fairly equally distributed over the whole province.

Temperature.—Was in very considerable defect of the normal at the beginning of the week, and in equally large excess at its close. For the whole week, therefore, the mean temperature has not varied very largely from the normal, there being only an excess of about half a degree. The excess has, however, been mainly confined to Chutia Nagpur and South Behar, where it has equalled about two degrees. In the districts of South-West and North Bengal and in North Behar, the variation from the normal has been very small.

The variation of temperature is, however, most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in the province are compared with the normal values for the same period. It will be seen that there has been an excess generally in the day temperatures, but that at five out of the nine stations the night or minimum temperatures have been in defect.

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 23rd January 1892.

	Normal mean maximum temperature for the week ending 23rd January.	Actual mean maximum temperature for the week ending 23rd January 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 23rd January.	Actual mean minimum temperature for the week ending 23rd January 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 23rd January.	Actual mean daily temperature for the week ending 23rd January 1892.	Variation of actual mean from the normal.
Cuttack	81·9	85·3	+0·4	60·1	62·0	+1·9	72·5	73·7	+1·2
Calcutta	76·8	78·3	+1·5	55·1	52·2	−2·9	66·0	65·3	−0 7
Dacca	78·4	78·5	+0·1	54·7	52·3	−2 4	66·6	65·4	−1 2
Burdwan	78·5	80·2	+1·7	51 3	52·7	−1·6	66·4	66 4	0
Patna	72·8	73 0	+0·2	49·7	50 6	+0 9	61 3	61 8	+0·5
Gya	76·0	77·9	+1·9	51·1	51·8	+0·7	63 6	64·9	+1·3
Purneah	74·9	76·7	+1·8	48·2	43 2	−5·0	61 5	59 9	−1·6
Hazaribagh	73 0	74 9	+1·9	50·3	51·7	+1·4	61·7	63·3	+1·6
Darjeeling	44·4	43·5	−0·9	34 3	34 9	+0·6	39·4	39 2	−0·2

Rainfall.—As stated above, a few stations in South Behar reported rainfall on the last day of the week, but the falls have been small and mainly confined to the Shahabad district. The falls in excess of a tenth of an inch have been Bhuboouah 0·25, Bussawan 0·25 inch, and Mohaniah 0·21 inch, and falls of less than a tenth of an inch are reported at Mohua, Arrah, and Dinapore.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 23rd of January 1892 :—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th Oct. 1891.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	86·0	52·5	81·9	60·5	71·2	+0·9	Nil	0·17	—0·17	0·00	0·32	—0·33	Nil	0·27	6·44	4·39
South-West Bengal ...	85·3	45·2	79·4	52·4	65·9	0	Nil	0·16	—0·16	0·00	0·37	—0·37	Nil	0·35	1·05	2·18
East Bengal	82·7	46·0	77·2	50·6	63·9	—0·8	Nil	0·18	—0·18	0·00	0·38	—0·38	Nil	0·41	2·41	3·25
North Bengal	80·1	42·5	76·2	47·9	62·1	—0·1	Nil	0·12	—0·12	0·00	0·25	—0·25	Nil	0·37	0·65	1·54
North Behar	80·3	40·0	76·2	46·6	61·4	+0·2	Nil	0·23	—0·23	0·00	0·44	—0·44	Nil	0·54	0·02	1·46
South Behar	81·3	45·0	76·7	51·1	63·9	+1·7	0·02	0·17	—0·15	0·01	0·34	—0·33	0·02	0·47	0·20	1·70
Chutia Nagpur	77·0*	47·9*	75·0*	51·8*	63·4*	+2·2*	Nil	0·21	—0·21	0·00	0·52	—0·52	Nil	0·54	0·25	1·88

* Chyobassa not included.

Meteorological Office, Bengal,
The 26th January 1892.

A. Pedler,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 17th to 23rd January 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature.						Hygrometry.			Rainfall past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
January ..	17th ...	30·101	64·7	78·1	26·9	51·2	69·8	56·7	·288	43·9	40	Nil.
,, ...	18th ...	·105	67·2	80·9	27·5	53·4	71·8	58·7	·325	47·1	42	,,
,, ...	19th ...	·154	68·3	81·2	25·8	55·4	74·1	60·7	·353	49·4	42	,,
,, ...	20th ...	·145	67·6	79·9	24·7	55·2	71·6	59·7	·355	49·6	46	,,
,, ...	21st ...	·165	64·6	79·3	29·4	49·9	68·6	59·7	·395	52·4	56	,,
,, ...	22nd ...	·180	65·9	79·9	28·0	51·9	71·4	60·9	·396	52·5	52	,,
,, ...	23rd ...	·185	67·7	81·4	27·5	53·9	72·1	61·7	·412	53·6	52	,,

	Inches.
The mean 10 A.M. pressure of the seven days	30·148
The mean temperature of the seven days	66·6°
The extreme variation of temperature	31·5
The maximum temperature	81·4
	%
The mean 10 A.M. relative humidity of the seven days	47
The total fall of rain from 17th to 23rd January 1892	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

Meteorological Office, India,
The 25th January 1892.

C. Little,
For Meteorological Reporter to the Govt. of India.

STATEMENT SHOWING THE RESULTS OF THE REGISTRATION OF BIRTHS AND DEATHS IN THE PRINCIPAL MUNICIPALITIES IN BENGAL DURING THE WEEK ENDING WITH SATURDAY, THE 2ND JANUARY 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 2nd January 1892.

1	2	3			4			5			6	7							8							9	10		11		12
		POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.				Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
DISTRICTS.	NAMES OF MUNICIPALITIES.	Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan ...	Burdwan* ...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	39·7	...	...	...	...	...
	Raniganj	6,346	4,691	10,937	1	...	*1*	4·7	...	*4·7*	No female birth.	...	...		...	...	...	...	...	...	...	...	...	...	...	47·5	...		...	...	...
Bankura ...	Bankura	8,970	8,925	17,895	8	7	*15*	23·2	20·3	*43·6*	114	1	...	10	5		1	*17*	2·9	...	29·1	14·5	.	2·9	*49·4*	5·8	13	4	75·4	23·3	323
Birbhum ..	Soori	3,982	3,866	7,848	...	5	*5*	...	33·1	*33·1*	No male birth.	...	...	7	1	...	.	*8*	...	...	46·4	6·6	...	...	*53·0*	19·9	6	2	78·4	26·9	336
Midnapore ...	Midnapore	16,927	16,633	33,560	9	9	*18*	13·9	13·9	*27·9*	100	2	...	6	4	.	13	*25*	3·1	...	9·3	6·2	...	20·1	*38·7*	34·1	11	14	33·8	43·8	77
Hughli, including Serampore.	Hughli and Chinsurah.*	...	...	.	...	...	.	...	...	...	.	.	...	...	...	...	...	..	...	...		...	...	...	...	105·0	...	...	...	...	...
	Serampore ...	13,559	12,937	26,496	8	9	*17*	15·7	17·7	*33·4*	89	...	...	9	10	..	3	*22*	...	..	17·7	19·6	...	5·9	*43·2*	104·0	18	4	69·0	16·1	428
	Utterpara	3,046	2,464	5,510	1	2	*3*	9·4	18·9	*28·3*	50	.	..	5	6	...	2	*13*	...	...	47·2	56·6	...	18·9	*122·7*	47·2	10	3	170·7	63·3	269
Howrah ...	Howrah*	...		...	.		.		...	..	.		...	...		.	.			..		.	..	...	...	27·5	.	...	.	...	......
	Bali*	...	...	.	..	.	...	.		...	..	..	..	..		...	...	...	..	...	.	.		.	.	10·5	.	..	.	..	.....
24-Pergunnahs.	Cossipore-Chitpore	16,080	10,214	26,294	6	5	*11*	11·8	9·9	*21·7*	120	4	1	12	4	..	...	*21*	7·9	2·0	23·7	7·9	...	...	*41·5*	128·5	13	8	42·0	40·7	103
	Manicktolla ...	16,536	12,112	28,648	1	2	*3*	1·8	3·6	*5·4*	50	3	...	7	3	...	.	*13*	5·4	..	12·7	5·4	...	...	*23·6*	127·2	6	7	18·9	30·1	63
	Baranagore* ...	...	...	..		..	...	...	...	...	...	..	..	.	...	...	...	...	...	...	..	...	...	...	...	52·0	..	...	...	...	.....
	South Suburban*	..	...	...	...	..	..	...	...	..	..	...	..	...	...	...	.	...	..		.	...	...	..	.	17·1	...	...	...	...	.....
Nuddea ...	Krishnagar ...	13,263	14,214	27,477	7	5	*12*	13·2	9·5	*22·7*	140	8	...	11	1	...	1	*21*	15·1	.	20·8	1·9	...	1·9	*39·7*	111·7	10	11	39·2	40·2	97
	Ranaghat	4,028	4,655	8,683	6	4	*10*	35·9	23·9	*59·9*	150	.	...	4	2	...	2	*8*	...	...	23·9	12·0	...	12·0	*47·9*	24·0	2	6	25·8	67·0	335
	Santipore	13,708	15,979	29,687	5	3	*8*	8·8	5·2	*14·0*	166	6	..	3	...	.	4	*13*	10·5	...	5·2	...	...	7·0	*22·8*	33·3	8	5	30·3	19·0	159
Jessore ...	Jessore*	...	...	...	...	..	..	.			...	..	..	...	...	..	...	...	...	...	...	...	...	...	...	42·8	...	...	...	...	...
Murshedabad	Berhampore* ...	...	...	...	...	-	...		..	...	...	..	...	...	...	...	..	...	...	...	...	...	...	...	...	17·6	...	...	...	...	..
	City Murshedabad*	...	...	...	.	...	...	...	.	..	..	.	...	...	...	...	...	...	...	..	...	...	...	..	...	26·5	...	...	...	...	...
Khulna ...	Khulna	3,249	3,043	6,292	3	1	*4*	24·8	8·2	*33·0*	300	...	...	...	...	...	...	...	..	...	...	...	...	...	...	16·5	...	...	...	...	......
Dinajpore ...	Dinajpore	7,254	5,306	12,560	5	1	*6*	20·7	4·1	*24·8*	300	..	...	8	...	..	9	*17*	...	...	33·1	...	...	37·2	*70·4*	53·8	10	7	71·7	68·6	104

Rajshahye ...	Rampore Beauleah	10,766	9,025	19,791	10	6	*16*	26·3	15·7	*42·0*	166	1	...	14	...	...	...	*15*	2·6	...	58·8	...	...	...	*39·4*	16·1	7	8	33·8	30·1	78
Rungpore ...	Rungpore	8,011	8,309	13,320	2	2	*4*	7·8	7·8	*15·6*	100	1	...	6	1	...	8	*16*	3·9	...	23·4	3·9	...	31·2	*62·5*	74·2	6	6	31·9	78·4	66
Bogra ...	Bogra	3,480	2,699	6,179	2	1	*3*	16·8	8·4	*25·2*	200	...	...	4	1	2	...	*7*	...	...	33·7	8·4	16·8	...	*58·9*	8·4	3	4	43·8	77·1	58
Pubna ... {	Pubna	7,701	7,566	15,267	2	2	*4*	6·8	6·8	*13·6*	100	..	...	2	1	..	3	*6*	...	...	6·8	3·4	...	10·2	*20·4*	34·1	2	4	13·5	27·5	40
	Serajganj	11,213	9,824	21,037	14	3	*17*	34·6	7·4	*42·0*	466	...		2	2	...	...	*4*	...	.	4·9	4·9	...	...	*9·9*	12·4	3	1	13·9	5·3	283
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	1	.	*1*	7·4	...	*7·4*	No female birth.	...	.	1	...	...	..	*1*	...	..	7·4	..	...	...	*7·4*	37·0	4	...	11·4	...	No female death.
Julpaiguri ...	Julpaiguri* ...	...	.	...	...	...	...	...	...	...	...	..	...	..	...	...	...	...	...	...	...	...	...	..	...	58·9	...	...	...	...	...
Dacca .. {	Dacca*	..	...	...	...	.	...	...	...	...	..	...	...	...	...	...	...	...	...	..	.	...	...	...	...	37·0	...	..	...	...	...
	Narainganj* ...		...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	..	.	..	...	...	...	...	...	24·8	...	..	...	...	...
Faridpore ...	Faridpore*... ...	..	...		..	..	..	...	...	...	..	...	...	...	...	.	...	..	..	...	...	...	...	...	...	60·8	...	...	...	...	...
Backerganj ...	Barisal	8,701	4,485	13,186	...	1	*1*	..	3·9	*3·9*	No male birth.	2	...	1		...	3	*6*	7·9	.	3·9	...	...	..	*23·7*	19·7	4	2	23·9	23·2	...
Mymensing ...	Nasirabad* ...	..		.		..	...	...	...	...	...	..				...	...	...	...	...	..	..	..	...	...	3·5	...	...	...	...	...
Chittagong ...	Chittagong ..	13,340	8,790	22,130	3	5	*8*	7·0	11·7	*18·8*	60	...	.	3	1	...	...	*4*	...	..	7·0	2·3	...	...	*9·4*	2·3	2	2	7·8	11·8	66
Noakhali ...	Sudharam ..	3,410	1,714	5,124	..	.	...	...	...	.	...	..	..	1	...	...	...	1	...	..	10·1	...	...	..	*10·1*	...	...	1	...	30·3	No male death.
Tipperah ...	Comillah	8,153	5,353	13,506	13	9	*22*	50·0	34·7	*84·7*	144	...		10	..	...	10	*20*	...	.	38·5	.	...	38·5	*77·0*	11·6	9	11	57·4	106·9	53
Patna ... {	Patna City ...	78,762	81,475	160,237	31	36	*67*	10·0	11·7	*21·7*	86	2	.	22	8	...	15	*47*	·6		7·1	2·6	.	4·9	*15·3*	19·8	25	22	16·5	14·0	117
	Behar*	..	..			...	.	...	.	..	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	9·6	..	...	...	...	...
Gya ...	Gya	38,290	37,831	76,121	23	24	*47*	15·7	16·4	*32·1*	96	2		27	..	...	15	*44*	1·4	...	18·4	...	...	10·2	*30·1*	37·6	21	23	28·5	31·6	90
Shahabad ... {	Arrah	20,960	22,505	43,465	22	18	*40*	26·3	21·5	*47·9*	122	2	...	17	1	...	2	*22*	2·4		20·3	1·2	.	2·4	*26·3*	17·9	12	10	29·8	23·1	129
	Buxar	9,299	8,369	17,668	3	2	*5*	8·8	5·9	*14·7*	150	.	.	3	...	...	1	*4*	...	.	8·8	...	..	2·9	*11·8*	5·9	2	2	11·2	12·4	90
Mozufferpore...	Mozufferpore ...	23,084	19,658	42,742	14	5	*19*	17·0	6·1	*23·1*	280	.	..	...	3	...	1	*4*	...	...	...	3·6	...	1·2	*4·9*	13·4	3	1	6·8	2·6	261
Durbhanga ...	Durbhanga ..	33,774	32,822	66,596	35	19	*54*	27·5	14·9	*42·5*	184	...		27	3	..	3	*33*	...	..	21·2	2·4	...	2·4	*26·0*	11·8	9	24	13·9	33·6	36
Saran ...	Chupra .. .	25,116	26,554	51,670	19	17	*36*	19·1	17·1	*36·2*	111	.		10	3	...	11	*24*	...	.	10·1	3·0		11·1	*24·2*	31·2	19	5	39·3	9·8	401
Chumparun ...	Motihari	6,325	3,979	10,307	4	...	*4*	20·2	...	*20·2*	No female birth.	..	.	6	2	...	5	*13*		.	30·3	10·1	.	25·2	*65·6*	60·5	9	4	74·0	52·3	141
Monghyr ... {	Monghyr	28,154	29,366	57,520	11	9	*20*	9·9	8·1	*18·1*	122	...	...	14	3	..	6	*23*		.	12·7	2·7	...	5·4	*20·8*	28·9	14	9	25·9	15·9	163
	Jamalpore .	7,456	6,107	13,563	13	7	*20*	49·8	26·8	*76·7*	185	...	..	4	...	...	3	*7*	...	.	15·3	...	..	11·5	*26·8*	15·3	5	2	34·9	17·0	2 05
Bhagulpore ...	Bhagulpore ...	34,916	33,322	68,238	41	48	*89*	31·2	36·6	*67·8*	85	...	.	33	7	...	13	*53*	..	.	25·1	5·3	...	9·9	*40·4*	29·0	28	25	41·7	39·0	107
Purneah .	Purneah . ..	8,463	6,553	15,016	3	...	*3*	10·4	...	*10·4*	No female birth.	...	.	4		...	2	*6*	..		13·9	...	...	6·9	*20·8*	24·2	5	1	30·7	7·9	358
Maldah .	English Bazar	6,289	6,141	12,430	1	.	*1*	4·2	.	*4·2*	Ditto	.	.	4	..	...	...	*4*	...	..	16·7	.	...	...	*16·7*	71·1	3	1	24·8	8·5	291
Sontal Pergunnahs.	Deoghur . .	4,964	3,041	8,005	2	3	*5*	13·0	19·5	*32·5*	66	..	...		1	...	11	*12*	...	.	...	6·5	.	71·5	*78·0*	19·5	8	4	83·8	68·4	[illegible]
Cuttack ...	Cuttack	22,632	20,607	43,239	5	8	*13*	6·0	9·6	*15·6*	62	5	7	8	...	1	7	*28*	6·0	·4	9·6	...	1·2	8·4	*33·7*	27·7	10	18	23·0	45·4	50
Pooree ...	Pooree	13,247	11,537	24,784	9	2	*11*	18·9	4·2	*23·1*	450	4	1	6	6	...	11	*28*	8·4	2·1	12·6	12·6	.	23·0	*58·7*	48·3	21	7	82·4	31·8	260
Balasore ...	Balasore	10,282	9,983	20,265	...	...	...	...	...		...	..	..		...	.	...	..	.	...	..	...	...	..	...	30·8	...	...	...	...	.
Hazaribagh ...	Hazaribagh ...	7,639	7,667	15,306	9	3	*12*	30·6	10·2	*40·8*	300	...	.	3	4	1	1	*9*	.	..	10·2	13·6	3·4	3·4	*30·6*	57·8	8	1	54·5	6·8	501
Lohardugga ...	Ranchi	10,101	8,342	18,443	11	16	*27*	31·0	45·1	*76·1*	69	...	..	10	...	..	3	*13*	...	.	28·2	..	...	8·4	*36·7*	8·4	6	7	39·9	43·6	70
Singbhum ..	Chaibassa	3,126	2,880	6,006	1	1	*2*	8·6	8·6	*17·3*	100	...	.	1	...	...	...	*1*	...		8·6	...	...	...	*8·6*	34·6	.	1	...	18·1	No male death.
Manbhum ...	Purulia	5,060	4,244	9,304	2	2	*4*	11·1	11·1	*22·3*	100	1	..	6	.	...	2	*9*	5·6	.	33·5	...	...	11·1	*50·3*	22·4	4	5	41·1	61·3	67
	Total ...	604,144	554,726	1,158,870	366	302	*668*	16·4	13·6	*30·0*	121	44	9	331	83	4	171	*642*	2·0	·4	14·8	3·7	·2	7·7	*28·8*	33·1	355	287	30·6	26·9	113

* Return not received up to date.

DISTRICTS.	NAMES OF MUNICIPALITIES.	13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
		Deaths among—					Ratio per 1,000 of population per annum.					Deaths.										Ratio per 1,000 of population per annum.									
		Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Raniganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bankura ...	Bankura	...	17	...	...	...	...	52·1	...	...	...	2	1	1	...	...	2	...	6	2	3	219·9	27·2	23·0	...	...	31·6	...	171·3	94·0	157·1
Birbhum ...	Soori	...	5	3	...	...	...	44·5	73·4	...	...	1	1	...	1	...	2	2	...	...	1	298·9	83·3	...	59·9	...	73·7	85·1	...	...	108·8
Midnapore ...	Midnapore ...	...	13	7	...	...	...	36·1	50·4	...	...	6	2	4	1	1	3	2	...	2	4	419·9	44·2	55·5	17·1	16·5	21·2	18·8	...	50·4	113·7
Hughli, including Serampore.	Hughli and Chinsurah.*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
	Serampore ...	...	22	...	...	...	...	45·3	...	...	...	3	3	...	2	...	1	1	8	1	3	219·7	86·4	...	46·8	...	9·7	10·5	123·3	27·2	112·1
	Utterpara	...	13	...	...	...	...	126·9	...	...	...	...	1	1	3	...	2	1	4	1	...	...	123·5	111·6	325·7	...	90·4	49·0	296·7	141·3	...
Howrah ...	Howrah*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bali*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24-Pergunnahs.	Cossipore-Chitpore	...	15	6	...	...	...	42·7	39·6	...	...	6	2	...	...	...	...	4	3	2	4	652·7	117·9	...	...	...	...	32·5	62·3	106·9	444·4
	Manicktola ...	...	7	6	...	...	...	21·8	27·2	...	...	...	1	...	1	1	3	3	2	...	2	...	343·1	...	44·6	27·3	19·2	19·2	23·1	...	109·8
	Baranagore* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South Suburban*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nuddea ...	Krishnagar ...	1	10	10	...	...	91·7	27·9	62·8	...	...	...	3	2	...	...	4	4	2	3	3	...	63·2	30·3	...	...	43·3	48·6	31·9	74·0	90·3
	Ranaghat	...	7	1	...	...	...	49·7	38·1	...	...	1	1	...	1	...	2	1	...	1	1	251·2	65·4	...	59·9	...	69·0	41·7	...	71·8	91·4
	Santipore ...	...	8	5	...	...	...	20·1	29·1	...	...	3	1	2	1	1	3	1	...	...	1	184·6	17·9	27·5	17·9	23·4	31·8	12·0	...	...	26·5
Jessore ...	Jessore*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Murshedabad.	Berhampore* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	City Murshedabad*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna ...	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dinajpore ...	Dinajpore ...	...	9	8	...	...	...	77·2	64·9	...	...	3	...	1	...	1	6	3	...	1	2	757·3	...	41·5	...	51·2	115·7	63·1	...	62·7	162·8
Rajshahye ...	Rampore Beauleah	...	1	14	...	...	...	5·2	74·2	...	...	3	1	1	...	...	3	1	1	3	2	384·2	36·7	25·0	...	...	37·5	14·4	21·2	125·7	108·0
Rungpore ...	Rungpore ...	...	7	9	...	...	...	56·2	70·4	...	...	3	3	2	...	...	1	4	2	...	1	669·5	174·3	82·7	...	...	16·4	75·6	65·9	...	101·0
Bogra ...	Bogra ...	...	4	3	...	...	...	78·0	45·0	...	...	2	1	...	...	1	...	...	1	...	1	1,136·7	101·2	...	...	96·1	...	...	76·6	...	165·6

Pubna	Pubna	...	1	5	...	...	...	7·3	32·1	...	...	1	...	1	...	1	1	...	1	...	1	131·0	...	30·8	...	42·3	17·9	...	30·5		52·3
	Serajganj	...	1	3	...	...	...	6·1	12·7	...	...	...	1	1	...	...	...	2	...	...	...	...	21·8	17·0	...	...	...	32·8	...	...	...
Darjeeling	Darjeeling	...	1	...	...	...	...	11·3	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	26·0	...	...	...	...
Julpaiguri	Julpaiguri*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Dacca*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Naraingunj*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Faridpore	Faridpore*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Backerganj	Barisal	...	1	5	...	...	...	8·6	33·1	...	...	...	1	1	...	1	1	...	2	...	...	...	61·1	48·0	...	41·1	16·4	...	68·4	...	...
Mymensing	Nasirabad*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong	Chittagong	...	1	3	...	...	...	9·0	10·2	...	...	...	2	..	...	...	1	...	...	...	1	...	52·9	...	...	...	11·2	...	...	...	65·3
Noakhali	Sudharam	...	...	1	...	...	...	...	20·6	...	...	...	...	...	...	...	...	1	..	...	...	...	...	...	...	...	...	59·6	...	...	...
Tipperah	Comillah	...	6	14	...	...	...	52·5	98·5	...	...	6	4	...	...	...	1	1	2	2	4	1,050·5	159·0	...	...	...	18·8	20·1	79·1	120·5	306·8
Patna	Patna City	...	41	6	...	...	...	17·9	7·6	...	...	9	5	1	...	3	3	5	7	3	11	108·6	17·8	3·1	...	14·0	5·4	11·2	19·3	11·0	41·4
	Behar*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gya	Gya	...	38	6	...	...	...	32·9	19·4	...	...	7	9	1	1	1	1	3	5	6	10	203·4	73·7	7·4	7·7	9·9	3·5	12·3	26·6	47·5	101·0
Shahabad	Arrah	...	17	5	...	...	...	25·5	21·0	...	...	...	1	1	1	1	...	4	9	2	3	...	11·7	10·1	11·9	16·5	...	32·3	99·8	33·6	54·1
	Buxar	...	2	2	...	...	...	7·5	28·9	...	...	1	1	...	...	...	...	...	...	...	2	125·3	30·2	...	...	...	...	...	...	...	96·1
Mozufferpore	Mozufferpore	...	4	...	...	...	...	6·9	...	...	...	2	...	1	...	...	...	...	...	...	1	108·9	..	11·6	...	...	...	...	...	...	21·4
Durbhanga	Durbhanga	...	26	7	...	...	...	27·9	20·7	...	...	7	2	2	..	...	3	5	...	3	11	233·8	13·7	13·3	...	...	11·7	23·3	...	35·6	179·1
Sarun	Chupra	...	15	6	...	...	...	23·7	26·2	...	...	5	2	1	1	...	3	2	2	...	8	184·3	20·1	8·7	10·4	...	16·9	11·7	17·1	...	116·9
Chumparun	Motihari	...	10	3	...	...	...	69·1	56·3	...	...	...	4	...	...	...	5	...	1	3	...	...	211·8	...	...	...	128·9	...	45·5	167·2	...
Monghyr	Monghyr	...	21	2	...	...	...	24·4	8·3	...	...	4	4	...	1	1	2	2	...	2	7	140·1	33·4	...	9·1	13·8	10·1	11·7	...	26·2	101·5
	Jamalpore	...	4	3	...	...	...	21·2	50·3	...	...	1	...	...	...	...	..	2	..	2	2	140·5	...	...	...	...	...	43·1	..	131·8	155·9
Bhagulpore	Bhagulpore	...	37	16	...	...	...	39·3	41·1	...	...	12	5	5	1	2	4	6	1	6	11	434·8	40·1	30·8	7·2	21·	15·0	25·4	6·8	61·5	132·9
Purneah	Purneah	...	5	1	...	...	...	25·3	9·2	...	...	...	2	...	..	...	...	1	...	3	...	...	86·1	..	...	...	...	18·2	...	106·5	...
Maldah	English Bazar	..	2	2	...	...	...	14·3	20·2	...	..	1	..	1	.	...	1	...	...	...	1	176·3	...	34·6	...	...	22·6	..	...	..	74·0
Sonthal Pergunnahs.	Deoghur	...	12	...	...	...	...	81·0	...	.	...	3	1	...	...	...	2	3	2	1	...	1,200·0	90·4	...	...	.	55·1	97·2	111·0	104·2	...
Cuttack	Cuttack	...	20	8	...	...	..	31·9	54·0	...	...	4	10		...	3	1	2	1	1	6	202·7	139·1	...	...	38·8	6·0	17·0	11·5	16·9	105·8
Poori	Poori	...	28	...	...	...	...	30·4	...	...	..	6	2	5	...	2	1	1	2	5	4	1,029·7	67·9	116·0	...	55·0	9·8	12·8	31·8	116·5	115·2
Balasore	Balasore	...	...	...	...	...	...	...	...	...	...	.	.	...	...	.	...	...	...	...	...	...	...	...	...	..	..	...	..	...	...
Hazaribagh	Hazaribagh	...	8	1	...	..	...	37·8	12·0	...	...	...	1	..	.	...	2	2	2	...	2	...	28·6	...	...	...	40·0	45·8	63·9	...	124·3
Lohardugga	Ranchi	10	1	1	...	1	319·9	5·6	9·6	..	22·0	2	3	...	1	2	...	...	1	3	1	221·3	54·7	...	25·7	74·8	...	...	28·6	150·0	64·1
Singbhum	Chaibassa	...	1	...	...	...	...	10·2	...	...	...	1	...	...	..	...	...	...	...	...	...	321·0	...	..	...	...	...	...	...	...	...
Manbhum	Purulia	1	5	...	...	...	214·8	53·4	..	..	...	1	...	1	...	...	2	...	2	3	...	293·8	...	47·1	...	...	52·1	...	117·8	333·3	...
	TOTAL	12	437	172	...	1	62·5	25·9	28·0	...	14·7	107	81	36	16	22	67	69	69	61	1.4	216·9	40·8	15·2	7·7	13·5	15·0	18·7	26·9	38·5	85·4

* Return not received up to date.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 26th January 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.*,

Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH, BENGAL.

Abstract Statement showing Tollage on Canals in Bengal classed as Minor Works and Navigation for the month of October 1891, as compared with that of the corresponding month of the previous year.

Canals.	Tollage, 1891-92.						Tollage, 1890-91.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Calcutta and Eastern Canals	38,768	1	0	1,80,435	9	0	37,511	13	3	1,57,444	0	6
Tolly's Nullah ...	9,990	2	9	59,905	9	0	9,232	9	9	57,375	7	9
Total ...	48,758	3	9	2,40,341	2	0	46,744	7	0	2,14,819	8	3
Orissa Coast Canal ...	4,221	7	6	28,870	12	0	4,259	9	9	37,806	2	0
Nuddea Rivers ...	22,854	12	0	1,42,312	14	6	22,211	6	0	1,40,199	3	0
Grand Total ...	75,834	7	3	4,11,524	12	6	73,215	6	9	3,92,824	13	3

CALCUTTA,
The 25*th January* 1892.

W. A. INGLIS,
Offg. Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 23*rd January* 1892, *as compared with the corresponding week of the previous year.*

Nature of Cargo.	Week ending Saturday, the 23rd January 1892.			Week ending Saturday, the 24th January 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	1,752	5,00,645	8,559	2,197	4,43,580	7,593
Jute	38	21,875	384	233	1,28,675	2,495
Firewood	87	60,300	864	131	1,01,725	1,494
Other articles	856	2,09,055	2,733	1,007	2,53,890	3,500
Total ...	2,733	7,91,875	12,540	3,568	9,27,870	15,082

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 16th January 1892, on 1,525½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	263,512	3,08,577 2 0	25,15,993 20	5,91,174 1 0	19,994 6 0	9,19,745 9 0	71,853	101,457¾	173,310¾
Or per mile of railway	......	202 4 6	.....	387 8 5	13 1 9	602 14 8	......	......	.....
For previous 9 days of half-year	304,094	3,57,490 3 0	34,32,866 0	7,70,674 13 0	25,484 15 0	11,53,649 15 0	91,134½	125,531½	216,666
Total for 2 weeks* ...	567,606	6,66,067 5 0	59,48,859 20	13,61,818 14 0	45,479 5 0	20,73,395 8 0	162,987½	226,989¼	389,976¾
Comparison.									
Total for corresponding week of previous year	272,790	3,14,049 13 6	21,77,383 10	5,71,994 1 9	18,790 7 6	9,04,834 6 9	72,956	88,116	161,072
Per mile of railway corresponding week of previous year ...	......	205 13 11	.....	374 15 3	12 5 1	593 2 3	......	......	.....
Total to corresponding date of previous year	610,989½	7,24,948 2 7	57,62,794 10	14,15,312 7 3	45,147 12 9	21,85,408 6 7	176,954	221,195	398,149

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 16th January 1892, on 57¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*13,840	*7,292 12 0	38,061 0	2,837 9 0	52 0 0	10,182 5 0	1,721	673	2,394
Or per mile of railway	242	127 7 11	665 20	49 9 9	0 14 6	178 0 2	.....	......	.....
For previous 9 days of half-year	18,906	10,510 12 0	53,255 10	3,607 9 0	62 0 0	14,180 5 0	2,308	770	3,078
Total for 2 weeks ...	32,746	17,803 8 0	91,316 10	6,445 2 0	114 0 0	24,362 10 0	4,029	1,443	5,472
Comparison.									
Total for corresponding week of previous year	18,242¼	10,995 8 9	41,900 30	2,917 15 0	51 3 0	13,964 10 9	1,580	941	2,521
Per mile of railway corresponding week of previous year ...	319	192 3 8	732 30	51 0 2	0 14 4	244 2 2	......	.....	.....
Total to corresponding date of previous year	48,410½	28,920 13 6	1,03,726 30	6,973 14 0	159 2 0	36,053 13 6	3,595	2,346	5,941

* The decrease in coaching is due to pilgrim traffic.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 16th January 1892, on 22¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	18,573	4,570 10 0	10,400 0	380 9 0	16 0 0	4,967 3 0	887	81	968
Or per mile of railway	......	205 6 9	......	17 1 8	0 11 6	223 3 11	......	......	......
For previous 9 days of half-year	23,088	5,940 2 0	12,737 0	518 8 0	18 0 0	6,476 10 0	1,138	116	1,254
Total for 2 weeks ...	41,661	10,510 12 0	23,227 0	899 1 0	34 0 0	11,443 13 0	2,025	197	2,222
Comparison.									
Total for corresponding week of previous year	19,331½	4,721 0 9	7,437 10	261 10 0	5 7 0	4,988 1 9	915	53	968
Per mile of railway corresponding week of previous year ...	......	212 2 11	......	11 12 1	0 3 11	224 2 11	......	......	.....
Total to corresponding date of previous year	44,604	11,192 7 10	23,966 0	850 3 0	14 8 3	12,057 3 1	2,194	160	2,354

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 16th January 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	13,224	10,374 8 0	45,413 30	8,402 15 0	75 0 0	18,852 7 0	6,330	2,045½	8,375½
Or per mile of railway	......	64 0 8	......	51 13 11	0 7 5	116 6 0	......	......	......
For previous 9 days of half-year	14,689	12,308 12 0	59,867 30	9,556 12 0	92 0 0	21,957 8 0	7,686½	2,264	9,950½
Total for 2 weeks ...	27,913	22,683 4 0	1,05,281 20	17,959 11 0	167 0 0	40,809 15 0	14,016½	4,309½	18,326
Comparison.									
Total for corresponding week of previous year	......	......	......	......	......	......	......	......	......
Per mile of railway corresponding week of previous year .	......	......	......	......	......	......	......	......	......
Total to corresponding date of previous year	......	......	......	......	......	......	......	......	......

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Behar Sections.)

Approximate Return of Traffic for week ended 16th January 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	166 108	72,520 0 0	4,97,680 0	91,980 0 0	9,650 0 0	1,74,150 0 0	29 000	27,377	56,377
Or per mile of railway	214	93 0 0	641 0	118 0 0	*1 0 0	212 0 0	......	......	......
For previous 1 week of half-year	232,566	1,02,320 0 0	6,59,166 0	1,19,180 0 0	12,070 0 0	2,33,570 0 0	39,500	29,500	69,000
Total for 2 weeks ...	398,674	1,74,840 0 0	1,156,846 0	2,11,160 0 0	21,720 0 0	4,07,720 0 0	68,500	56,877	125,377
Comparison.									
Total for corresponding week of previous year	152,663	70,948 0 0	5,08,914 0	1,35,412 0 0	18,856 0 0	2,25,216 0 0	28,921	34,972	63,893
Per mile of railway corresponding period of previous year ...	196	91 0 0	771 0	174 0 0	*2 0 0	267 0 0	...	.....	......
Total to corresponding date of previous year	417,609	1,87,290 0 0	1,462,154 0	3,14,518 0 0	48,476 0 0	5,50,284 0 0	70,585	81,766	152,351

* Excluding steamer's earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 16th January 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	23,406	8,840 0 0	62,872 0	3,850 0 0	50 0 0	12,740 0 0	3,511	2,161	5,672
Or per mile of railway	187	71 0 0	503 0	31 0 0	......	102 0 0	......	......	......
For previous 1 week of half-year	32,686	13,030 0 0	61,297 0	3,820 0 0	150 0 0	17,000 0 0	4,300	2,975	7,275
Total for 2 weeks ...	56,092	21,870 0 0	124,169 0	7,670 0 0	200 0 0	29,740 0 0	7,811	5,136	12,947
Comparison.									
Total for corresponding week of previous year	25,115	9,812 0 0	63,891 0	2,888 0 0	118 0 0	12,818 0 0	3,511	2,161	5,672
Per mile of railway corresponding week of previous year ..	201	79 0 0	511 0	23 0 0	1 0 0	103 0 0	......	......	......
Total to corresponding date of previous year	66,427	25,367 0 0	150,829 0	7,768 0 0	250 0 0	33,385 0 0	8,482	5,323	13,805

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 16th January 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	16,200	5,950 0 0	9,848 0	930 0 0	50 0 0	6,930 0 0	2,500	724	3,224
Or per mile of railway	188	69 0 0	115 0	11 0 0	1 0 0	81 0 0	......	......	......
For previous 1 week of half-year	24,728	7,460 0 0	9,618 0	1,120 0 0	170 0 0	8,750 0 0	3,200	850	4,050
Total for 2 weeks ...	40,928	13,410 0 0	19,466 0	2,050 0 0	220 0 0	15,680 0 0	5,700	1,574	7,274
Comparison.									
Total for corresponding week of previous year	16,656	5,733 0 0	36,358 0	3,508 0 0	126 0 0	9,337 0 0	2,412	1,132	3,544
Per mile of railway corresponding period of previous year	194	67 0 0	423 0	41 0 0	1 0 0	109 0 0	......	......	......
Total to corresponding date of previous year	42,826	15,104 0 0	79,319 0	7,510 0 0	346 0 0	22,969 0 0	5,881	2,365	8,246

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 16th January 1892, on 27¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,039	1,000 0 0	10,390 0	580 0 0	20 0 0	1,600 0 0	700	330	1,030
Or per mile of railway	112	37 0 0	381 0	21 0 0	1 0 0	59 0 0	......	......	......
For previous 1 week of half-year	3,852	1,230 0 0	7,238 0	390 0 0	130 0 0	1,750 0 0	628	362	990
Total for 2 weeks ...	6,891	2,230 0 0	17,628 0	970 0 0	150 0 0	3,350 0 0	1,328	692	2,020
Comparison.									
Total for corresponding week of previous year ...	3,287	1,024 0 0	15,266 0	809 0 0	15 0 0	1,848 0 0	716	419	1,135
Per mile of railway corresponding week of previous year ...	121	38 0 0	560 0	30 0 0	......	68 0 0	......	......	......
Total to corresponding date of previous year	7,139	2,483 0 0	32,141 0	1,706 0 0	30 0 0	4,219 0 0	1,442	1,419	2,861

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhoot State Railway.)

Approximate Return of Traffic for the first 9 days of January 1892, on 739 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 739 miles open	96,870	40,790	3,17,610	40,350	8,660	89,800	13,036	19,343	32,379
Or per mile of railway	131·08	55·20	429·78	54·60	11·72	121·52	......	......	......
For previous *nil* weeks of half-year	......	......	......	......	......	......	......	......	......
Total for 1¼ weeks ...	96,870	40,790	3,17,610	40,350	8,660	89,800	13,036	19,343	32,379
Comparison.									
Total for corresponding week of previous year on 705 miles open	114,306	50,132	4,63,745	59,539	10,246	1,19,917	23,737	13,449	37,186
Per mile of corresponding week of previous year	162·14	71·11	657·79	84·45	14·53	170·09	......	......	......
Total to corresponding date of previous year	114,306	50,132	4,63,745	59,539	10,246	1,19,917	23,737	13,449	37,186

Printed and published by Edwin Morris Lewis, at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 27th January 1892.

[REGISTERED No. 29.]

No. 5 of 1892.

SUPPLEMENT TO
The Calcutta Gazette.

WEDNESDAY, FEBRUARY 3, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

DISTRICT ROAD FUND.

No. 448R.C.

GOVERNMENT OF BENGAL—PUBLIC WORKS DEPARTMENT.

Road Cess.

Dated Calcutta, the 25th January 1892.

RESOLUTION.

READ—

Letter from the Accountant-General, Bengal, No. 936L.F., dated the 7th January 1892, submitting an abstract of receipts and expenditure of the several District Road Committees in Bengal for the quarter ending 30th September 1891.

RESOLUTION.—The Lieutenant Governor directs that the accounts of the receipts and expenditure of the several District Road Committees in Bengal for the second quarter of the year 1891-92 be published in the *Calcutta Gazette* and circulated to the officers concerned.

ORDER.—Ordered that a copy of this Resolution, together with a copy of the abstract of receipts and expenditure, be published in the Supplement to the *Calcutta Gazette.*

Ordered also that a copy of this Resolution, and of the abstract referred to, be fowarded to the Commissioners of the Rajshahye, Bhagulpore, Chittagong, and Chota Nagpore Divisions; to the Superintending Engineers of the Eastern and Western Circles; and to the Financial Department of this Government, for information.

By order of the Lieutenant-Governor of Bengal.

F. J. JOHNSTONE,

Joint-Secy. to the Govt. of Bengal.

DISTRICT

Statement of Receipts and Expenditure of the several District Road

RECE

	Districts.	Balance in treasury on 1st July 1891.	Provincial Rates.				Interest on arrears of road cess.	Public Works.			Irrigation.	Miscel	
			Cess on lands.	Cess on mines.	One per cent. road cess.	Total.		Road tolls.	Ferry tolls.	Total.	Canal tolls.	Rent of serais and staging-bungalows.	Fees, fines and forfeitures.
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.	Rs. A. P.	Rs.	Rs.	Rs.	Rs	Rs. A. P.	Rs. A. P.
Cess Districts.	Darjeeling ...	12,170 11 6	1,767 15 6	36 10 6	......	1,804 10 0	......	......	......	......	......	......	......
	Hazaribagh ...	25,536 5 6	1,073 2 7	495 0 4	......	1,568 2 11	19 4 4	......	......	......	......	50 8 0	508 8 0
	Lohardugga ...	24,550 8 9	640 4 5	......	......	640 4 5	8 9 1	......	......	......	......	42 8 0	838 7 6
	Manbhoom ..	12,974 0 4	939 5 9	976 0 10	......	1,915 6 7	5 10 8	......	......	......	......	478 14 8	......
	Total .	75,231 10 1	4,420 12 3	1,507 11 8	......	5,928 7 11	33 8 1	......	......	......	......	571 14 8	1,346 15 6
Non-cess Districts.	Chittagong Hill Tracts	18,203 14 5	......	......	......	......	......	......	......	......	......	......	......
	Sonthal Pergunnahs	21,157 2 4	......	......	......	......	......	......	......	......	......	61 0 0	......
	Singbhoom ...	13,472 1 11	1,240 8 0	0 9 6	......	1,241 1 6	......	......	......	......	......	5 0 0	......
	Total ...	52,833 2 8	1,240 8 0	0 9 6	......	1,241 1 6	......	......	......	......	......	66 0 0	......
	Grand Total ...	1,28,064 12 9	5,661 4 3	1,508 5 2	......	7,169 9 5	33 8 1	......	......	......	......	637 14 8	1,346 15 6

EXPEN

	Districts.	Refunds.			Provincial Rates.	Administration.			Stationery.	Public				
		Cess.	Other receipts.	Total.	Establishment and contingencies of office of collection.	Establishment and contingencies of Committee's office.	Percentage cost of establishment for offices of account and control.	Total.	Stationery and printing.	Original works.	Repairs.	Establishment.	Tools and plant.	Toll and ferry establishment and contingencies.
		Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Cess Districts.	Darjeeling ...	...	......	......	307 8 4	299 1 6	......	299 1 6	82 6 0	...	4,246 4 3	75 0 0	......	......
	Hazaribagh ...	...	......	......	1,722 11 2	291 0 0	......	291 0 0	67 10 0	60 0 0	10,841 5 11	2,061 3 3	256 9 3	......
	Lohardugga ...	...	......	......	2,245 14 7	152 9 3	......	152 9 3	275 1 8	130 0 0	4,396 2 4	2,367 12 6	188 13 6	......
	Manbhoom ...	...	1,634 0 0	1,634 0 0	815 6 3	364 8 0	......	364 8 0	46 3 6	1,088 4 0	7,570 3 10	1,795 15 6	......	......
	Total ...	...	1,634 0 0	1,634 0 0	4,591 8 4	1,107 2 9	......	1,107 2 9	471 5 2	1,278 4 0	27,054 0 4	6,299 15 3	445 6 9	......
Non-cess Districts.	Chittagong Hill Tracts ...	...	......	......	......	......	......	......	......	....	484 7 7	1,245 3 1	......	......
	Sonthal Pergunnahs	...	......	......	......	277 15 10	......	277 15 10	....	1,626 0 9	7,566 14 6	1,673 4 8	415 4 8	......
	Singbhoom ..	...	......	......	...	117 5 0	......	117 5 0	73 0 0	1,068 12 9	524 14 9	719 0 0	426 11 9	......
	Total ...	...	......	......	......	395 4 10	......	395 4 10	73 0 0	2,694 13 6	8,576 4 10	3,637 7 9	842 0 0	......
	Grand Total ...	...	1,634 0 0	1,634 0 0	4,591 8 4	1,502 7 7	......	1,502 7 7	544 5 2	3,973 1 6	35,630 5 2	9,937 7 0	1,287 6 9	......

Fort William,
The 31st December 1891.

ROAD FUND.

Committees for the Second Quarter of the year 1891-92 *ending* 30*th September* 1891.

IPTS.

LANEOUS.			SUSPENSE ACCOUNT.								
Miscellaneous.	Total.	Grant from Government.	Advance.	Deposit.	Total.	Total receipts.	Balance of imprest in hands of Engineers and others, decreased.	Balance of uncashed cheques, increased.	Total receipts, including balance.	Outlay.	Balance in treasury on 30th September 1891.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
......	... ..	369 9 3	4,569 8 3	......	4,569 8 3	6,743 11 6	... ..	......	18,914 7 0	6,262 0 1	12,651 6 11
4 4 3	863 4 3	704 12 0	1,124 14 0	......	1,124 14 0	3,980 6 3	.. .	119 10 6	29,027 6 3	16,483 9 7	[illegible]
0 4 0	881 3 6	..	619 2 0	205 0 0	824 2 0	2,354 3 0	..	325 11 2	27,230 6 11	11,382 7 1	15,847 15 10
3,291 15 3	3,770 13 11	250 0 0	150 7 5	......	150 7 5	6,092 6 7	3 9 3	.. ..	19,070 0 2	13,296 10 0	5,773 6 2
3,296 7 6	5,215 5 8	1,324 6 0	6,463 15 8	205 0 0	6,668 15 8	19,170 11 4	3 9 3	436 5 8	94,842 4 4	47,424 10 9	47,417 9 7
599 2 11	599 2 11	... ..	......	......	... ..	599 2 11	......	.....	18,803 1 4	1,893 11 10	16,909 5 6
40 8 9	101 8 9	51,411 0 0	1,870 5 9	165 0 0	2,044 5 9	53,556 14 6	.. ...	405 0 9	75,119 1 7	13,659 8 3	61,459 9 4
5 10 6	10 10 6	.....	......	......	......	1,251 12 0	......	33 10 4	14,757 8 3	3,885 1 0	10,872 7 3
645 6 2	711 6 2	51,411 0 0	1,879 5 9	165 0 0	2,044 5 9	55,407 13 5	.....	438 11 1	1,08,679 11 2	19,438 5 1	89,241 6 1
3,911 13 8	5,926 11 10	52,735 6 0	8,343 5 5	370 0 0	8,713 5 5	74,578 8 9	3 9 3	875 0 9	2,03,521 15 6	66,862 15 10	1,36,658 15 8

DITURE.

WORKS.		IRRIGATION.	MISCELLANEOUS.					SUSPENSE ACCOUNT.						
Establishment of Divisional Superintendent of Works.	Total.	Canal toll establishment and contingencies.	Staging-bungalow establishment and contingencies.	Staging-bungalow petty construction and repairs.	Miscellaneous.	Total.	Contribution to Provincial Government.	Advance.	Deposit.	Total.	Total expenditure.	Balance of imprest in hands of Engineers and others, increased.	Balance of uncashed cheques, decreased.	Total outlay.
Rs.	Rs. A. P.	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.	Rs. A. P.
......	4,321 4 3	......	......	......	... ..	....	...	1,028 12 0	......	1,028 12 0	6,039 0 1	......	223 0 0	6,262 0
......	13,219 2 5	......	27 0 0	. . ..	... ..	27 0 0	...	1,156 2 0	. .	1,156 2 0	16,483 9 7	......	......	16,483 9 7
......	7,082 12 4	.... .	57 3 6	247 5 9	76 0 0	380 9 3	...	1,012 8 0	233 0 0	1,245 8 0	11,382 7 1	... ..	......	11,382 7 1
......	10,454 7 4	......	......	60 0 11	......	60 0 11	...	122 0 0	300 0 0	422 0 0	13,296 10 0	......	......	13,296 10 0
......	35,077 10 4	......	84 3 6	307 6 8	76 0 0	467 10 2	...	3,310 6 0	533 0 0	3,852 6 0	47,201 10 9	......	223 0 0	47,424 10 9
......	1,729 10 8	......	......	......	......	......	...	....	......	... ..	1,729 10 8	......	164 1 2	1,893 11 10
......	11,281 8 2	......	142 0 3	8 0 0	... ..	150 0 3	...	1,910 0 0	.. ...	1,910 0 0	13,619 8 3	40 0 0	.....	13,659 8 3
......	2,739 7 3	.....	67 0 0	45 5 9	6 15 0	119 4 9	...	400 0 0	436 0 0	836 0 0	3,885 1 0	.....	.. ...	3,885 1 0
......	15,750 10 1	......	209 0 3	53 5 9	6 15 0	269 5 0	...	2,310 0 0	436 0 0	2,746 0	19,234 3 11	40 0 0	164 1 2	19,438 5 1
......	50,828 4 5	......	293 3 9	360 12 5	82 15 0	736 15 2	...	5,620 6 0	969 0 0	6,598 6 0	66,435 14 8	40 0 0	387 1 2	66,863 15 10

O. T. BARROW,

Accountant-General, Bengal.

RESOLUTION ON THE EMBANKMENT REPORTS FOR 1890-91.

No. 158*I*.

GOVERNMENT OF BENGAL—PUBLIC WORKS DEPARTMENT.

Irrigation.

Dated Calcutta, the 2nd February 1892.

RESOLUTION.

READ—

The Embankment Reports for 1890-91.

The public embankments in Bengal are of two classes—

First.—Those which are the property of Government and of which the cost of maintenance is a charge against Provincial revenues.

Second.—Those which are the property of the persons interested in the land protected and which are maintained by Government at their expense.

In the first class there are—

A.—The embankments in Orissa which are maintained under Act XXXII of 1855.

B.—Those enumerated in Schedule D of Act VI (B.C.) of 1873. In this class are included those embankments the maintenance of which is incumbent on Government under the provisions of the Permanent Settlement, those of the Burdwan Raj Estate which were taken over in 1804, and some additional lengths which have at various times been added to the schedule under the provisions of section 43 of Act II (B.C.) of 1882.

Embankments of the second class are situated in several districts, the most important being those on the banks of the Gunduck in Chumparun, Mozufferpore and Sarun, and those in the Midnapore district. These again may be divided into two classes—C, those where the cost of maintenance is recovered by the payment of a fixed annual charge under a contract extending over a term of years: D, where it is recovered by an annual apportionment of the actual charges.

2. The present lengths of embankments in each class and the total charges of this year were as follows:—

	Miles.	Feet.	Actual cost of works and repairs.	Charges of the year (inclusive of Establishment and Tools and Plant).
			Rs.	Rs.
Government Embankments—				
A—In Orissa	838	4,795	96,991	1,35,787
B—Schedule D	1,135	1,499	1,82,276	2,55,186
Embankments not the property of Government—				
C—Maintained under contract	478	4,942	90,434	1,26,648
D— Ditto by annual apportionment of charges	76	2,887	14,551	17,475
			3,84,252	5,35,096

The distribution of the above by districts is given in the appended statement.

(A) Embankments of the first class, in Orissa.

3. In Orissa the length of the embankments was unaltered during the year. Compared with the previous year, the expenditure was moderate, the similar charges to those shown above having been Rs. 1,19,631 in 1889-90.

(B) Embankments of the first class, Schedule D.

4. The Schedule D embankments were added to during the year by a length of 2 miles in the Moorshedabad embankment.

The cost of actual maintenance decreased from Rs. 2,92,541 to Rs. 1,82,276.

The decrease was general in all districts, except Moorshedabad and Rajshahye. In the former district, owing to damage caused by high floods, the cost of repairs to protective works and of retired lines increased from Rs. 41,145

to Rs. 50,310. The flood levels of the Bhagiruthi river at Berhampore rose to 30 feet 11¾ inches in 1890 against 30 feet 4½ inches in 1889, which was the highest level hitherto recorded. The town of Berhampore was threatened, but was protected by throwing up dwarf banks as a temporary measure.

The Schedule D embankments which protect the Burdwan Raj Estate in the districts of Burdwan, Beerbhoom, Hooghly, and Midnapore were maintained during the year at a cost of Rs. 69,794 (works and repairs) against Rs. 1,53,835 in 1889-90. Government receives a contribution of Rs. 53,742 from the estate on account of these embankments.

C. Embankments maintained by contract.

5. The length of embankments maintained by Government under contract with the persons interested remained the same as in the previous year. To ascertain the financial position of Government with respect to this class of embankment, it is necessary to compare the sums payable under the contracts with the outlay, including book charges for Establishment and Tools and Plant. The following table gives this information for the last ten years :—

Year.	Midnapore District.		Sarun District.		Chumparun District.		Mozufferpore District.		Total.	
	Maintenance charge.	Contract amount.	Maintenance charge.	Contract amount.	Maintenance charge.	Contract amount.	Maintenance charge.	Contract amount.	Maintenance charge.	Contract amount.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1881-82	53,309	55,000	4,114	23,900	......	....	.....	....	57,423	78,900
1882-83	66,320	55,000	76,938	23,900	....	..	..	...	1,48,258	78,900
1883-84	48,398	55,000	61,971	23,900	..	...	.. ..	.....	1,13,369	78,900
1884-85	36,168	55,000	32,079	23,900	36,039	13,000	52,087	10,415	1,57,263	1,02,315
1885-86	52,5·9	55,000	18,080	23,900	10,503	13,000	14,416	10,415	95,598	1,02,315
1886-87	40,000	55,000	18,354	23,900	11,730	13,000	14,247	10,415	84,340	1,02,315
1887-88	45,106	55,000	34,797	23,900	23,887	13,000	17,900	10,415	1,21,840	1,02,315
1888-89	48,121	55,000	27,449	23,900	35,507	13,000	18,719	10,415	1,29,796	1,02,315
1889-90	41,475	55,000	33,757	23,900	57,544	13,000	18,891	10,415	1,51,667	1,02,315
1890-91 .. .	24,165	55,000	17,348	23,900	68,540	13,000	16,595	10,415	1,26,648	1,02,315
Total ..	4,55,760	5,50,000	3,27,867	2,39,000	2,43,750	91,000	1,53,815	72,905	11,81,192	9,52,905

The total sum payable annually by the persons interested is Rs. 1,02,315, whilst the expenditure of the year amounted to Rs. 90,434 for works and repairs, and to Rs. 1,26,648 for all charges.

The cost of maintenance necessarily varies much in different years. So far on the whole Government has been a loser by the contracts, but this may be adjusted in the remaining years of the term.

In the Midnapore district the charges of the year were very low, less than in any previous year since the contract was entered into.

The floods of the Gunduck river were of an ordinary nature and did little damage to the embankments in the Sarun and Mozufferpore districts.

In the Chumparun district the river continued the attack on the left bank which was noticed in last year's resolution, necessitating the construction of further retired lines. The injury is caused by the erosive action of the water, not on the embankment itself, but on the friable soil on which the embankment stands.

D. Embankments maintained on re-payment of actual cost.

6. There was a slight increase to the length of embankments maintained under the system of annual apportionment of the actual charges. The cost of maintenance was Rs. 14,551 for works and repairs, or, including all charges, Rs. 17,475 as compared with Rs. 22,205 in the previous year. The principal embankments maintained under the system of annual apportionment of the charges are the Turki main bund on the right bank of the Bagmati river, in the Mozufferpore district, and the Bazitpur and Monghyr embankments on the left bank of the Ganges. The Turki bund had to resist several high floods, and was cut on two occasions, owing to which the country ordinarily protected suffered considerable damage. As regards the remaining embankments of this class the year was uneventful.

Drainage.

7. During the past year the question of the deterioration of drainage lines in embanked districts has not been forced upon the notice of Government so much as in previous years, as there was no heavy rainfall or excessive flooding; the matter has, however, continued to receive careful attention, and in the case of the Doab

between the Rupnarain and Damudar a scheme has been drawn out which necessitates the considerable retirement of some marginal embankments on the Rupnarain and the removal of additional lengths on the right-bank of the Damudar. The latter portion of the scheme has now been carried out, or almost so, and the former is under consideration by the Civil Revenue authorities with respect to the extent to which Government may be liable to compensate the persons interested in the lands which will be exposed to floods by the retirement of the embankments.

In the south of the Midnapore district the proposals made by the Chief Engineer involve many and varied interests, and His Honour the Lieutenant-Governor, while recognising the importance of the proposals and the difficulty about drainage which appears to be making itself felt over a steadily increasing area, has not been able to come to any definite conclusion on the subject. Further investigations are now being carried out under the more immediate superintendence of the Revenue Board, and it is hoped that some final decision will soon be arrived at. The question is a complicated one, and on the principle of action decided on, and the success of the arrangements made to carry it out, much will necessarily depend as to the treatment of other embanked districts in Bengal, in which the questions of disposal of drainage are becoming year by year more urgent.

By order of the Lieutenant-Governor of Bengal,

J. M. McNEILE, *Col.*, R.E.,

Secretary to the Government of Bengal.

[Accompaniment to Bengal Government Resolution No. 158I., dated February 1892.]

List of embankments in Bengal, the property of Government and in charge of Government officers, showing their length, and the actual cost of maintenance (without charges for establishments) during the year 1890-91.

	Name of Civil Division.	District.	Miles of Embankments. The property of Government.	Not the property of Government, but maintained by Government. Under contract.	Not the property of Government, but maintained by Government. By annual apportionment of charges.	Not the property of Government, but maintained by Government. Total.	Total miles of embankments.	Cost of maintenance of Government Embankments.* Total.	Cost of maintenance of Government Embankments.* Rate per mile.	Cost of maintenance of Embankments not the property of Government. Under contract. Total.	Under contract. Rate per mile.	By annual apportionment of charges. Total.	By annual apportionment of charges. Rate per mile.	Amount payable under contract by the proprietors.	Remarks.
			M. Ft.	M. Ft.	M. Ft.	M. Ft.	M. Ft.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Maintained under Act II (B.C.) of 1882.	Patna ...	Mozufferpore ...	......	52 400	24 1,050	76 1,450	76 1,450	......	......	9,719	136·63	8,228	340·01	10,415	Figures given as cost of maintenance are exclusive of charges for establishment and tools and plant.
		Durbhunga ...	......	......	17 3,960	17 3,960	17 3,960	......	......	......	......	2,074	116·84	......	
		Sarun ...	......	119 4,222	......	119 4,222	119 4,222	......	......	12,039	100·49	......	......	23,900	
		Champarun ...	......	65 0	......	65 0	65 0	......	......	50,852	782·33	......	......	13,000	
		Gya	......	......	1 680	1 680	1 680	......	......	......	......	1,021	904·51	......	
		Total ...	......	236 4,622	43 410	279 5,032	279 5,032	......	......	72,610	306·53	11,323	262 85	47,315	
	Bhagulpore ...	Bhagulpore ...	......	......	3 2,960	3 2,960	3 2,960	......	......	......	......	1,010	269·36	......	
		Maldah ...	2 959	......	......	......	2 959	346	158·59	......	......	......	......	......	
		Purneah ...	......	......	2 1,315	2 1,315	2 1,315	......	......	......	......	......	......	......	
		Monghyr ...	......	......	11 1,320	11 1,320	11 1,320	......	......	......	......	1,481	463·07	......	
		Total ...	2 959	......	17 315	17 315	19 1,274	346	158·59	......	......	2,491	168·19	......	
	Rajshahye ...	Rajshahye ...	5 4,242	......	......	......	5 4,242	1,685	290·34	......	......	......	......	......	
		Bogra ...	......	......	0 360	0 360	0 360	......	......	......	......	......	......	......	
		Total ...	5 4,242	......	0 360	0 360	5 4,602	1,685	290·34	......	......	......	......	......	
	Presidency ...	Moorshedabad ...	95* 0	......	......	......	95 0	50,310	529·58	......	......	......	......	......	
		Nuddea ...	0 4,000	......	......	......	0 4,000	17	22·44	......	......	......	......	......	
		24-Pergunnahs ...	220 1,342	......	2 0	2 0	222 1,342	28,419	129·02	......	......	......	......	......	
		Total ...	316 62	......	2 0	2 0	318 62	78,746	249·18	......	......	......	......	......	
	Burdwan ...	Burdwan ...	85 2,470	......	1 2,912	1 2,912	87 102	19,519	228·37	......	......	......	......	......	
		Beerbhoom ...	3 1,320	......	0 2,850	0 2,850	3 4,170	458	140·92	......	......	639	1,183·83	......	
		Hooghly ...	162 1,826	......	6 0	6 0	168 1,826	25,997	160·13	......	......	......	......	......	
		Midnapore ...	560 1,180	242 320	6 1,320	248 1,640	808 2,820	55,525	99·11	17,824	73·63	98	15·68	55,000	
		Total ...	811 1,516	242 320	14 1,802	256 2,122	1,067 3,638	1,01,409	125·10	17,824	73·63	737	168 54	55,000	
		Grand Total ...	1,135 1,499	478 4,942	76 2,887	555 2,549	1,690 4,048	1,82,276	160·55	90,434	188·82	14,551	224·91	1,02,315	
Maintained under Act XXXII of 1855.	Orissa ...	Balasore ...	65 465	......	......	......	65 465	6,744	103·61	......	......	......	......	......	
		Cuttack ...	453 3,960	......	......	......	453 3,960	52,961	116·72	......	......	......	......	......	
		Pooree ...	320 370	......	......	......	320 370	37,286	116·49	......	......	......	......	......	
		Total ...	838 4,795	......	......	......	838 4,795	96,991	115·60	......	......	......	......	......	

* Includes two miles of roads which occur in the mileage.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 30th January 1892.

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.			
Burdwan Divn.			
1	Burdwan Jan. 30, '92 Culna ... Cutwa ... Raneegunge ...	Nil Nil Nil Nil	Weather—seasonable. Prospects of *rabi* crops and sugarcane fair, though rain is wanted. Water and fodder sufficient. Prices of common rice :— Srs. Sudder ... ... 12 } per rupee. Culna ... ... 14 } Cutwa ... ... 14 } Raneegunge ... ... 14 }
2	Bankoora ,, 30, '92	Nil	Weather—seasonable ; sky slightly cloudy. Harvesting of *rabi* and pressing of sugarcane commenced. Condition of cattle fair. Fodder-supply hardly sufficient. Common rice selling at 17 seers per rupee at Bishenpur and 16 seers at Bankoora.
3	Birbhum ,, 30, '92 Rampore Haut ...	Nil Nil	Weather—seasonable. *Rabi* greatly wants rain. Fodder and water plentiful. Condition of cattle normal. Rice sells at from 14 to 17 seers per rupee.
4	Midnapore ,, 30, '92	Nil	Weather—seasonable. Indigo doing well. Prospects of *rabi* crops not good. Fodder generally sufficient. No cattle-disease. Prices of common rice :— Srs. Sudder ... ... 16 } per rupee. Contai ... ... 19 } Tumluk ... ... 13 } Ghatal ... ... nearly 16 }
5	Hooghly ,, 30, '92 Serampore ... Jehanabad ...	Nil Nil Nil	Weather—seasonable. Threshing of *aman* completed ; outturn about 8 annas. Pressing of sugarcane in active progress. Yield of *rabi* fair so far as harvested. No difficulty in obtaining water and fodder-supply. Prices of common rice :— Srs. Sudder ... ... 11 } per rupee. Serampore ... . 12 } Jehanabad ... ... 15 }
6	Howrah ,, 30, '92 Uluberia ...	Nil Nil	Weather—fine. *Aman* crop harvested ; outturn 14 to 15 annas of an average crop. Sugarcane good. Price of common rice 13 to 14 seers per rupee. Cattle are doing well. Fodder and water-supply sufficient.
Presidency Divn.			
7	24-Perghs. ,, 30, '92	Nil	Weather—seasonable. Harvesting of *aman* completed. Prospects of cold weather crops not so good as usual owing to want of rain. Sugarcane being pressed. Prices stationary. Condition of cattle good and supply of fodder and water sufficient.
8	Nuddea ,, 30, '92 Kushtea ... Meherpore ... Chuadanga ... Ranaghat ...	Nil Nil Nil Nil Nil	Weather—seasonable. Prospects of *rabi* crops continue unsatisfactory. Common rice selling at from 11 seers 7 chittacks to 14 seers 8 chittacks per rupee. Condition of cattle good and supply of fodder and water sufficient.
9	Khoolna ,, 30, '92 Bagirhat ... Satkhira ..	Nil Nil Nil	Weather—seasonable. Harvesting of *aman* still going on. Prospects of *rabi* crops fair. Price of common rice varies from 13 to 16 seers per rupee. Fodder and water sufficient.
10	Jessore ,, 30, '92 Jhenidah .. Magurah ... Narail ... Bongong ...	Nil Nil Nil Nil Nil	Weather—seasonable. *Aman* harvest still going on. State and prospects of winter crops not good for want of rain. Condition of cattle good and supply of fodder and water sufficient.
11	Murshedabad ,, 30, '92	Nil	Weather—cloudy in the latter part of the week. Harvesting of winter rice completed. Outturn for the whole district below the average, but better than was expected. *Rabi* crops suffering for want of rain. Sufficient fodder for cattle.
Chittagong Divn.			
12	Chittagong ,, 30, '92	Nil	Weather—seasonable. Light showers necessary to improve the state and prospects of *rabi* crops. Prices steady. Condition of cattle generally good. Fodder sufficient.
13	Noakhally ,, 30, '92	Nil	Weather—seasonable. State of *rabi* crops not good for want of rain. No cattle-disease. Fodder and water insufficient in Feny and Pashuram, but sufficient in Sudder subdivision. Price of common rice stationary.
14	Tipperah ,, 30, '92	Nil	Weather—seasonable. Prospects of crops fair. Price of rice rising in some parts of the district. No cattle-disease reported. Fodder sufficient.
15	Chittagong Hill Tracts. ,, 28, '92	Nil	Weather—seasonably cool with dense fogs in the morning ; but there are indications of an approaching change. Mustard and *til* ripening. Tobacco, chillies and other vegetables and winter crops doing well. Sugarcane pressing continues. Cattle-disease prevailing in some places. Common rice being sold at 10½ seers per rupee.

	No	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—*concld.*					
DACCA DIVN.	16	Dacca	Jan. 30, '92	Nil	Weather—seasonable. Sowing of *cheena, kaon*, and *til* in progress. Gathering of mustard, *mung*, and *mash kalai* progressing. Prospects good. Fodder available. Common rice selling at from 12 to 17 seers per rupee. Condition of cattle fairly good.
	17	Furreedpore	„ 30, '92	Nil	Weather—seasonable. State of *rabi* crops fair, but rain wanted. Sowing of *boro* and *jali* paddy still in progress. Rice selling at 14, 16 and 13 seers per rupee at Sudder, Madaripore, and Goalundo respectively. Condition of cattle good. Fodder available.
	18	Backergunge	„ 30, '92	Nil	Weather—seasonable. State and prospects of crops fair. Outturn of *aman* about 12 annas of an average crop. Ordinary rice selling at from 10 to 14 seers per rupee. Supply of fodder and water sufficient.
	19	Mymensingh	„ 30, '92	Nil	Weather—seasonably cold. Prospects of crops fair on the whole. Outturn of *aman* crop 14 annas in Kishoregunge and Netrokona. No report about outturn received from Sudder and other subdivisions as yet. Coarse rice selling at from 13½ to 17 seers per rupee. Condition of cattle good and supply of water and fodder sufficient.
RAJSHAHYE DIVN.	20	Dinagepore Thakurgaon	„ 30, '92 ...	Nil Nil	Weather—cool and seasonable. Sugarcane still being pressed. Land being prepared for *bhadoi* and jute. Rain much wanted. Price of rice both at Sudder and Thakurgaon stationary. Condition of cattle good. Supply of fodder and drinking water sufficient.
	21	Rajshahye Nattore Nowgong	„ 30, '92	Nil Nil Nil	Weather—cool and seasonable. Winter rice harvest nearly finished. Harvesting of *ganja* going on. Prospects of *rabi* crops still good, but rain is badly wanted. Price of rice varies from 12 to 15 seers per rupee. No cattle-disease reported. Fodder and water available.
	22	Rungpore Gaibanda Kurigram Nilphamari	„ 30, '92	Nil Nil Nil Nil	Weather—seasonable. Prospects of cold-weather crops unchanged. Rain much wanted. Prices of common rice :— Srs. Sudder ... ... 10 to 12 } Nilphamari ... ... 13 } per rupee. Kurigram ... ... 10 to 11 } Gaibanda ... ... 12 to 14 } There is no cattle-disease, and fodder is sufficient.
	23	Bogra Sherpur Nowkhilla	„ 30, '92	Nil Nil Nil	Weather—fine and cool. State and prospects of *rabi* crops good. Land being ploughed for *aus* rice, jute, &c., and some rain would do good. There is no present lack of fodder and water. Common rice selling on the average at 13½ seers a rupee.
	24	Pubna	„ 30, '92	Nil	Weather—seasonable. State of standing crops unchanged. Rain urgently needed. Price of jute has risen to Rs. 9-8 per maund. Condition of cattle good. Water-supply and fodder sufficient.
	25	Darjeeling	„ 30, '92	0·28	Weather—cold. Mustard is ripe in places for being harvested. Wheat and barley promising favourably. Potatoes are being harvested. Fodder-supply much diminished in the Terai for want of rain. Water-supply sufficient. No disease among cattle.
	26	Julpigoree	„ 30, '92	Nil	Weather—seasonable. *Rabi* crops suffering from want of rain. Common rice sells at 10 seers per rupee. No cattle-disease. Fodder and water-supply sufficient.
BEHAR.					
BHAGULPORE DIVN.	27	Monghyr Begoserai Jamui	„ 30, '92	Nil Nil Nil	Weather—seasonable. *Rabi* still doing well in the Sudder and Begoserai subdivisions. In Jamui prospects are unfavourable. Outturn of wheat, &c., is estimated at 6 annas and that of oil-seeds at 4 annas only. Rice selling at 13 seers per rupee in Begoserai, 13½ seers in Jamui, and 11 to 14 seers in Sudder subdivision.
	28	Bhagulpore	„ 30, '92	Nil	Weather—seasonable. Harvesting of winter rice crop almost finished. Prospects of *rabi* not good. Rain badly wanted. Linseed will yield probably 7 annas. Fodder sufficient. Common rice—old 10 seers 11 chittacks, new 12 seers 10 chittacks per rupee.
	29	Purneah Kishengunge Arrareah	„ 30, '92	Nil Nil Nil	Weather—foggy in the mornings; getting warmer day by day; no immediate prospect of rain. Harvesting of *aghani* completed everywhere. Mustard still being harvested; in Arrareah average outturn said to be 10 annas. Other *rabi* crops suffering for want of rain. Prices of common rice ;— Srs. Sudder ... ... 11 to 13 } Kishengunge ... ... 11 } per rupee. Arrareah ... ... 12 to 13 } No want of fodder and water for cattle. No cattle-disease.
	30	Maldah Chanchal Shibgunge Gajole	„ 30, '92	Nil Nil Nil Nil	Weather—mornings occasionally cloudy; warm in the daytime. Gathering of *kalai* and mustard not finished. Prospects of *rabi* crops reported to be unfavourable for want of rain. Transplantation of *boro* paddy in progress. Lands being prepared for *bhadoi* paddy. Fodder and water-supply sufficient. Common rice selling at an average of 12½ seers per rupee.
	31	Sonthal Perghs.	„ 30, 92	Nil	Weather—warm for the season. *Rabi* suffering for want of rain. Prospects poor. Tanks reported to be dry in Deoghur. Elsewhere the water-supply is sufficient. Rice selling at 14 to 16 seers per rupee.

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BEHAR—*concld.*			
Patna Division.			
32	Patna Jan. 30, '92 Barh ... Behar ... Dinapore ...	0·06 Nil Nil 0·6	Weather—cold and sometimes cloudy. Threshing and winnowing of paddy going on. Poppy flowering. Mustard being harvested. Gram, wheat, peas, and barley in ears. Sugarcane being pressed. Common rice selling at 13 seers per rupee.
33	Gya „ 30, '92 Aurungabad ... Jehanabad ... Nawada ...	0·12 0·37 Nil Nil	Weather—cold and cloudy. Harvesting of paddy crop about to be completed. Condition of *rabi* crops has not improved, although there was a slight rainfall during the week. Poppy reported to be backward for want of rain. Prices rising gradually. Supply of fodder and water sufficient.
34	Shahabad „ 30, '92 Buxar ... Bhabuah ... Sasseram ...	0·09 0·06 0·43 0·06	Rainfall has caused a sensible lowering of the temperature. Clouds have gathered and more rain appears likely. Rainfall came in nick of time to save *rabi* from total failure in west of district. Prospects all round improved. Peas and pulse being got in. Wheat and barley in ear. Prices have a downward tendency.
35	Durbhunga „ 30, '92	0·03	Weather—clear and occasionally cloudy. No material change in prospect of *rabi*. Rain wanted for barley and wheat, &c. *Rahar* in flower. Common rice selling at 12 to 13 seers per rupee. Fodder and water sufficient.
36	Mozufferpore „ 30, '92 Hajipore ... Sitamarhi ...	Nil 0·08 Nil	Weather—cold and occasionally cloudy. *Rabi* on uplands has withered; that on low and moist lands doing fairly. Rainfall was confined to Hajipur and Mohua thanas. *Rahar*, mustard and tobacco are good crops in most places. Poppy on irrigated tracts doing fairly well, but complaints of want of water in the wells are increasing. Prices slightly rising. Cattle in good condition. Fodder and water-supply for cattle sufficient. No distress as yet reported.
37	Sarun „ 30, '92	Nil	Weather—generally cloudy. *Rabi* fair. Sugarcane pressing continues. Condition and prospects of poppy good. Water and fodder for cattle sufficient. Prices of common rice:— Srs. Ch. Chupra ... ... 13 2 } per rupee. Gopalgunge ... ... 13 2 } per rupee.
38	Chumparun „ 30, '92	Nil	Weather—cool and occasionally cloudy. Rain urgently wanted for standing crops. *Rabi* being irrigated where water available. Prices of food-grains rising. Fodder and water for cattle sufficient.
ORISSA.			
Orissa Divn.			
39	Cuttack „ 30, '92	Nil	Weather—seasonable. *Guru sarad* being threshed. *Rabi* crops and mustard being gathered. *Dalua* paddy growing well. Fodder-supply sufficient. Common rice sells at 12 seers 8 chittacks per rupee.
40	Pooree „ 28, '92	Nil	Weather—seasonable. Harvesting of *sarad* almost over. *Dalua* paddy growing well. Miscellaneous crops thriving. Common rice sells at from 18 to 21 seers per rupee. Cattle-disease reported from Khorda station.
41	Balasore „ 30, '92	Nil	Weather—normal. Outturn of winter rice, *biri* and *mung*, about 13 annas, and of mustard 14¼ annas. Rice selling at 15—16 seers at Balasore and 19 seers at Bhadrak.
CHOTA NAGPORE.			
South-West Frontier Agency.			
Chota Nagpore Divn.			
42	Hazaribagh Jan. 30, '92 Giridih ...	Nil Nil	Weather—seasonable and cloudy at intervals. Some rain wanted. Common rice selling at from 12 to 16 seers per rupee. Water and fodder-supply sufficient. Cattle-disease reported from certain parts of the district.
43	Lohardugga „ 30, '92	Nil	Weather—a little cloudy. Rain badly wanted for ploughing land for upland paddy. Common rice selling at 14 seers per rupee. Fodder and water plentiful.
44	Palamow „ 26, '92	Nil	Weather—cloudy in the morning and becoming hot. Rain wanted for *rabi* crops. One shower will do much good. Fodder and water-supply sufficient. Common rice selling at 15 seers per rupee.
45	Singbhoom „ 30, '92	Nil	Weather—seasonable. Standing *rabi* crop doing well. Oil-seeds, *rahar*, and cotton being harvested. Price of rice stationary from 16 to 24 seers per rupee. Fodder and water still sufficient.
46	Manbhoom „ 30, '92 Govindpore ...	Nil Nil	Weather—seasonable and slightly cloudy. Sugarcane pressing still going on. Coarse rice selling at 16 seers per rupee. Fodder getting scarce. Water-supply not yet insufficient. There is cattle-pox in some of the villages.

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 2nd February, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (*RETAIL*) OF FOOD-GRAINS, FIREWOOD AND SALT IN THE HEAD-QUARTERS STATION BAZARS OF THE DISTRICTS OF BENGAL DURING THE FORTNIGHT ENDING THE 31ST JANUARY, 1892.

PRICES-CURRENT (retail) of Food-grains, Firewood, a d salt in the

QUANTITIES PER RUPEE IN

Number.	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Jowar or Cholum. (*Sorghum Vulgare.*) Present return.	Jowar or Cholum. Next preceding return.	Jowar or Cholum. Corresponding return of last year.
BENGAL																
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Burdwan Division.																
1	Burdwan ...	12 0	12 0	14 0	...	...	...	12 0	12 6	16 2	14 1	14 4	18 6	...	...	...
2	Bankoora ...	11 8	12 8	14 0	16 0	16 0	16 0	12 8	12 8	18 8	16 0	18 0	20 8	...	...	...
3	Beerbhoom ...	12 8	12 8	16 8	...	...	...	13 0	13 0	15 0	15 0	15 0	18 0	...	...	...
4	Midnapore ...	11 0	12 0	10 8	...	...	...	12 0	13 0	15 0	16 0	16 8	20 0	...	...	...
5	Hooghly ...	13 0	13 0	13 0	...	...	...	8 0	8 0	8 0	13 0	13 0	13 0	...	...	...
6	Howrah ...	...	...	...	...	...	...	10 0	10 4	11 8	13 4	13 4	16 0	...	...	...
Presidency Division.																
	Calcutta	10 13	10 15	12 6	18 5	20 0	16 12	8 10	8 11	9 15	12 3	12 12	14 9	15 14	16 0	17 10
7	24-Pergunnahs	10 0	10 8	12 0	18 0	18 0	16 0	8 0	8 0	8 0	13 8	13 8	16 0	...	...	...
8	Nuddea ...	12 9	12 12¾	15 4	22 14	22 14	20 0	10 5¼	10 10½	15 4	12 9	12 12¾	16 10	...	...	...
9	Khoolna ...	...	...	...	...	...	...	14 0	13 0	14 0	16 0	16 0	16 0	...	...	...
10	Jessore ..	10 0	10 0	12 8	...	...	...	13 0	13 0	11 8	15 0	15 0	16 0	...	...	...
11	Moorshedabad	10 0	12 0	15 0	...	..	...	10 0	10 0	10 0	13 4	13 4	17 0	...	...	...
Chittagong Division.																
12	Chittagong* ...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
13	Noakholly* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	Tipperah* ...	...	...	...	...	.		...	...	...	...	...	...	.	..	...
15	Chittagong Hill Tracts.*	...	...	...	...	...	...	..	..	..	...	...	...	...	...	...
Dacca Division.																
16	Dacca* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	Furreedpore ...	12 0	11 8	16 0	16 0	17 0	13 0	10 0	10 0	12 0	14 8	16 0	16 0	...	...	...
18	Backergunge ...	...	...	...	...	...	...	11 10	12 0	14 0	New. 14 0	14 0	16 4	...	...	...
19	Mymensingh ...	9 0	9 0	10 8	...	...	...	10 8	11 0	11 0	14 0	15 0	16 8	...	...	...
Rajshahye Division.																
20	Dinagepore ...	10 10	10 13	12 0	17 0	17 0	16 0	9 9½	10 13	1[illegible] 0	12 0	12 0	18 0	...	...	...
21	Rajshahye ...	9 12	12 0	16 8	26 4	26 4	24 0	11 4	11 4	13 8	13 12	12 0	15 15	...	...	...
22	Rungpore .	8 0	8 0	13 0	...	..	...	9 0	9 0	9 6	11 8	11 8	14 8	...	...	...

* Return not received.

A In subdivisions retail prices of salt per rupee are :—Culna 10 seers, Cutwa 11¾ seers, and Raneegunge 10 seers.
B At Bishenpore retail price of salt, 10 seers per rupee.
C At Rampore hât retail price of salt, 10½ seers per rupee.
D In subdivisions retail prices of salt per rupee are :—Ghatal 11 seers, Contai 10 seers, and Tumlook 10½ seers.
E In subdivisions retail prices of salt per rupee are :—Serampore (at Bhudressur) 12 seers and Jehanabad 11 seers 7 chittacks.
F At Uluberia retail price of salt, 10½ seers per rupee.
G In subdivisions retail prices of salt per rupee are: Baraset 10 seers 10 chittacks, Bussirhat (at Baduria) 12¼ seers, Diamond Harbour (at Magrauat) 10 seers 10 chittacks, Barrackpore 9 seers 2 chittacks, and Dum-Dum 10 seers.
H In subdivisions retail prices of salt per rupee are :—Kooshtea 10½ seers, Meherpore 9½ seers, Chooadanga 10 seers 5 chittacks and Ranaghat 10 seers.

SEERS OF 80 TOLAHS.

Bajra or Cumbu. (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.	Marua or Ragi. (*Eleusine Coracana.*) Present return.	Next preceding return.	Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	..	...
...	...	...	...	...	...
15 1	13 14	14 14	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
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...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...

Bazars of the Districts of Bengal on the 31st January, 1892.

Thur, Pea. (...dicus.) Corresponding return of last year.	Firewood. Present return.	Firewood. Next preceding return.	Firewood. Corresponding return of last year.	Salt. Present return.	Salt. Next preceding return.	Salt. Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Wholesale Salt. Next preceding return.	Wholesale Salt. Corresponding return of last year.	Districts	Number.	Division
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. a. p.	Rs. a. p.	Rs. a. p.	BENGAL.		
20 0	100 0	100 0	100 0	A 11 4	11 4	10 11	3 6 0	3 6 0	3 8 3	Burdwan.	1	Burdwan Division.
15 0	210 0	220 0	280 0	B 2	11 6	10 10	3 9 6	3 10 0	3 10 0	Bankoora.	2	
12 0	200 0	200 0	160 0	C 10 8	10 8	10 8	3 10 0	3 10 0	3 12 0	Beerbhoom.	3	
12 0	120 0	120 0	120 0	D 11 8	11 2	10 8	3 8 0	3 9 0	3 13 0	Midnapore.	4	
11 0	120 0	120 0	120 0	E 10 0	10 0	9 0	3 12 0	3 12 0	3 12 0	Hooghly.	5	
10 12	100 0	100 0	100 0	F 10 8	10 8	10 8	3 9 6	3 6 0	3 8 0	Howrah.	6	
13 14	95 0	95 0	90 0	11 6	11 5	10 11	3 4 2	3 4 3	3 7 0	Calcutta.		
13 0	100 0	100 0	100 0	G 11 0	11 0	10 12	3 4 0	3 4 0	3 6 6	24-Pergunnahs.	7	Presidency Division.
17 12	...	...	...	H 10 8½	10 8½	9 13	3 9 0	3 9 0	3 12 0	Nuddea.	8	
...	160 0	160 0	160 0	I 10 0	10 0	9 0	3 12 0	3 12 0	4 0 0	Khoolna.	9	
20 0	160 0	160 0	160 0	J 9 2	9 2	9 2	3 10 0	3 10 0	3 14 (	Jessore.	10	
14 0	200 0	200 0	200 0	K 11 12	10 8	11 0	3 8 0	3 12 0	3 10 (	Moorshedabad.	11	
...	...	...	...	...	...	...	...	...	...	Chittagong.	12	Chittagong Division.
...	...	...	...	...	...	...	...	...	...	Noakholly.	13	
...	...	...	...	...	...	...	...	...	...	Tipperah.	14	
...	...	...	..	..	...	...	...	...	...	Chittagong Hill Tracts.	15	
...	..	...	...	..	...	...	...	...	...	Dacca.	16	Dacca Division.
12 0	...	...	110 0	L 10 0	10 8	9 0	4 0 0	3 12 0	1 4 0	Furreedpore.	17	
ced. 12 5	80 0	80 0	120 0	M 10 8	10 8	10 0	3 10 0	3 12 0	3 11 0	Backergunge.	18	
0 0	...	...	.	N 10 8	10 8	10 0	3 10 0	3 10 0	3 14 0	Mymensingh.	19	
...	160 0	160 0	160 0	O 10 4	10 0	9 8	3 14 0	3 12 0	4 0 0	Dinagepore.	20	Rajshahye Division.
7 2	240 0	210 0	240 0	P 9 9	9 9	9 9	3 10 8	3 10 8	3 13 4	Rajshahye.	21	
0 10	100 0	100 0	100 0	Q 8 0	8 0	9 6	5 0 0	5 0 0	4 4 0	Rungpore.	22	

salt per rupee are :—Satkhira 10½ seers and Bagirhat 8 seers.
f salt per rupee are :—Magura 10 seers Narail 9 seers 10 chittacks, and Bongong 10½ seers.
K In subdivisions retail prices of salt per rupee are :—Jungipore 10½ seers, Kandi 11 seers and Lalbagh 11¼ seers.
L In subdivisions retail prices of salt per rupee are :—Madaripore 11 seers and Goalundo 10 seers.
M In subdivisions retail prices of salt per rupee are :—Patuakhali 9 seers, Perozepore 9 seers and Bhola 8 seers.
N In subdivisions retail prices of salt per rupee are:—Kishoregunge 8 seers, Jamalpore 9 seers 6 chittacks, Sherpore 8 seers, and Netrokona 8 seers.
O At Thakurgaon retail price of salt, 8 seers per rupee.
P In subdivisions retail prices of salt per rupee are :—Nattore 9 seers and Nowgong 9 seers 9 chittacks.
Q In subdivisions retail prices of salt per rupee are :—Kurigram 8 seers, Nilphamari 10 seers, and Gaibanda 10 seers.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the Head-quarter

QUANTITIES PER RUPEE IN

Division	Number.	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Jowar or Cholum. (*Sorghum Vulgare.*) Present return.	Jowar or Cholum. Next preceding return.	Jowar or Cholum. Corresponding return of last year.
BENGAL—*continued.*			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Rajshahye Division—*concld.*	23	Bogra ...	8 10	10 8	15 0	...	...	...	12 0	12 0	12 0	12 12	13 8	16 8	...	...	...
	24	Pubna .	12 12	13 2	17 10	..	..	.	7 2	7 2	7 8	13 2	14 4	15 15	.	...	...
	25	Darjeeling*	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...
	26	Julpigoree	10 0	10 0	13 0	14 0	14 0	16 0	7 0	7 0	8 0	10 0	10 0	18 0	..	...	...
BEHAR.																	
Bhagulpore Division.	27	Monghyr ...	13 10	13 0	12 10	22 1	20 8	18 14	9 7	9 8	13 10	12 9	12 0	16 13	17 13	...	18 14
	28	Bhagulpore ...	12 10	12 10	13 14	22 11	22 11	20 8	9 7 11 6	10 11 11 6	12 0 15 14	Old. 10 11 New. 12 10	11 6 12 0	15 2 18 5	...	...	...
	29	Purneah* ...	..	...	...	...	...		...	...	...	...	...	...	...	...	...
	30	Maldah ...	11 0	11 0	14 0	...	...	..	8 0	10 0	11 0	12 0	13 0	17 0	...	...	...
	31	Sonthal Perghs.	10 0	10 0	14 0	..	..	.	12 0	12 0	14 0	13 8	14 0	18 0	...	..	...
Patna Division.	32	Patna ...	13 8 12 0	Red. 16 0 White. 14 0	14 12 13 0	25 0	25 0	22 0	10 8	11 8	11 0	13 8	16 0	18 4	19 0	19 0	19 0
	33	Gya ...	12 8	12 8	13 0	22 8	23 0	21 0	10 8	10 8	10 8	13 0	14 0	18 8	...	...	...
	34	Shahabad ...	12 8	13 8	13 8	22 0	20 0	25 0	8 0	8 0	9 0	13 0	14 0	16 0	...	...	...
	35	Durbhunga ...	13 3	14 4	13 0	22 0	22 0	22 0	11 0	11 0	10 0	13 3	14 0	17 0	...	...	...
	36	Mozufferpore	12 0	12 0	16 0	22 0	20 0	20 0	10 0	11 0	10 0	12 0	13 0	15 0	...	...	...
	37	Sarun ...	12 4	12 12	14 8	24 0	25 8	21 0	8 8	8 8	8 8	13 2	13 2	16 0	...	...	...
	38	Chumparun* ...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
ORISSA																	
Orissa Division.	39	Cuttack ...	10 2	9 2	13 2	...	...	...	10 8	10 8	10 8	12 8	13 2	18 6	...	...	...
	40	Pooree* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	41	Balasore ...	11 0	11 0	15 0	10 0	10 0	13 0	13 0	12 0	13 0	15 0	17 0	21 0	..	...	...
CHOTA NAGPORE.																	
Chota Nagpore Division.	42	Hazaribagh ..	11 8	12 0	13 0	16 0	17 0	20 0	8 0	8 0	10 0	13 8	13 8	17 0	...	...	...
	43	Lohardugga ...	12 0 9 2	Red. 11 4 White. 8 10	10 0 7 0	13 0	13 0	19 0	11 8	11 8	14 12	Ordinary. 13 8 Coarse. 15 0	14 0 16 0	15 0 18 0	...	...	...
	44	Palamow* ...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
	45	Singbhoom ...	14 0	15 0	20 0	10 0	16 0	14 0	12 0	16 0	14 0	16 0	20 0	16 0	...	...	...
	46	Manbhoom	11 0	11 0	13 0	...	...	.	13 0	13 8	14 0	17 0	17 0	22 0	...	...	...

* Return not received.

R At Serajgunge retail price of salt, 12 seers per rupee.
S At Falacut a in Alipore subdivision retail price of salt, 8½ seers per rupee.
T In subdivisions retail prices of salt per rupee are :—Begusorai 9½ seers and Jamui 10 seers.
U In subdivisions retail prices of salt per rupee are :—Banka (Amarpur) 10 seers, Mudehpura 10 seers, and Supool 10 seers.
U1 In subdivisions retail prices of salt per rupee are :—Deoghur 10 seers 10 chittacks, Godda 9 seers, Jamtara 10 seers, Pakur 10½ seers and Rajmehal 11 seers.
V In subdivisions retail prices of salt per rupee are :—Behar 10 seers and Dinapore 10 seers.

CALCUTTA,
The 2nd February 1892.

'engal on the 31st January 1892—(concluded).

SEERS OF 80 TOLAHS.												WHOLESALE PRICES PER MAUND OF 40 SEERS.				
BAJRA OR CUMBU. (*Pennisetum typhoideum.*)			MARUA OR RAGI. (*Eleusine Corocana.*)			[...]WOOD.		SALT.			SALT.					
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	[...] return.	Corresponding return of last year.	Present return.	[Ne]xt preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	DISTRICTS.	Number.	
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	[..]Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
														BENGAL—*continued.*		
...	...	...	...	...	...	0	90 0	9 12	9 9	9 0	3 12 0	3 14 8	4 0 0	Bogra.	23	RAJSHAHYE DIVISION—*contd.*
...	...	...	...	...	...	0	200 0	9 12 [R]	9 12	8 15	3 12 0	3 12 0	3 14 0	Pubna.	24	
...	...	...	...	...	...		...	...	...	...	...	...	...	Darjeeling.	25	
...	...	...	...	...	...	0	200 0	10 0 [S]	10 0	9 0	4 0 0	4 0 0	4 0 0	Julpigoree.	26	
														BEHAR		
...	...	...	...	...	...	0	192 0	10 8 [T]	10 8	10 8	3 9 3	3 12 0	3 14 0	Monghyr.	27	BHAGULPORE DIVISION.
...	...	...	...	...	...	0	151 8	10 11 [U]	10 11	10 8	3 12 0	3 12 0	3 12 0	Bhagulpore.	28	
...	...	...	...	...	...		...	...	...	...	...	...	...	Purneah.	29	
...	...	...	...	...	...	0	120 0	9 0	9 8	9 0	3 14 0	3 12 0	4 0 0	Maldah.	30	
...	...	...	...	...	...	0	200 0	9 0 [U1]	9 0	9 0	4 0 0	4 0 0	4 0 0	Sonthal Perghs.	31	
...	...	...	24 0	25 0	...	0	120 0	11 8 [V]	11 8	10 0	3 8 0	3 8 0	3 10 9	**Patna.**	32	PATNA DIVISION.
...	...	...	...	...	...	0	140 0	10 0	10 0	10 0	3 14 0	3 14 0	4 2 0	Gya.	33	
...	...	...	...	...	...	0	160 0	10 0 [W]	10 8	10 0	4 0 0	4 0 0	3 15 0	Shahabad.	34	
...	...	...	19 12	19 12	24 0	0	160 0	11 0 [X]	11 0	11 0	3 6 0	3 6 0	3 8 0	Durbhunga.	35	
...	...	...	...	...	20 4	0	160 0	11 0 [Y]	11 0	10 8	3 10 6	3 10 6	3 14 0	Mozufferpore.	36	
...	...	...	21 0	22 0	22 0	0	180 0	10 12 [Z]	10 12	10 4	3 11 0	3 11 0	3 11 6	Sarun.	37	
...	...	...	...	...	...		...	...	...	...	...	...	...	Chumparun.	38	
														ORISSA.		
...	...	...	...	...	...	0	80 0	11 0 [a]	11 0	11 0	3 12 0	3 12 0	3 12 0	Cuttack.	39	ORISSA DIVISION.
...	...	...	...	...	...		...	...	...	...	...	...	...	Pooree.	40	
...	...	...	...	...	...	0	160 0	10 8 [b]	10 8	10 0	3 14 0	3 11 0	3 14 0	Balasore.	41	
														CHOTA NAGPORE		
...	...	...	23 0	22 0	26 0	0	240 0	10 0	10 0	9 0	3 12 0	3 12 0	4 0 0	Hazaribagh.	42	CHOTA NAGPORE DIVISION.
...	...	...	30 0	29 0	32 0	0	150 0	9 12	9 12	9 4	4 0 0	4 0 0	4 3 0	Lohardugga.	43	
...	...	...	...	...	...		...	...	...	...	...	...	...	Palamow.	44	
...	...	...	...	...	...	0	240 0	9 0	9 0	9 0	4 4 0	4 4 0	4 6 0	Singbhoom.	45	
...	...	...	...	...	...	0	200 0	10 10 [c]	10 10	9 14	3 10 0	3 10 0	3 12 0	Manbhoom.	46	
...	...	...	...	...	...											

:—Buxar 10½ seers, Sassoram 10½ seers, and Bhabuah 10 seers.
tail price of salt, 11 seers per rupee.
):—Hajipore 10¼ seers and Sitamarhi 10½ seers.
ttacks per rupee.
In subdivisions retail prices of salt per rupee are:—Jajpore 8 seers, Kendrapara 9 seers, and Banki 12 seers.
At Bhuddruck retail price of salt, 10 seers per rupee.
At Govindpore retail price of salt, 10½ seers per rupee.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARTS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 6 10	3 6 4	2 15 6	1 15 4	1 12 0	2 1 11	4 5 11	4 5 4	3 12 3	3 0 2	2 14 4	2 7
2	Sorajgunge	3 10 0	3 12 0	2 6 0	...	...	...	5 4 0	5 4 0	4 12 0	3 5 0	3 9 0	2 10 0
3	Dacca* ...	...	...	...	...	...	...	...	...	...	...	...	...
4	Naraingunge*	...	...	...	...	...	...	...	...	...	...	...	...
5	Chittagong*	...	...	...	...	...	...	...	...	...	...	...	...
6	Patna ...	Red. 2 15 4 White. 3 5 4	Red. 2 8 0 White. 2 13 6	Red. 2 10 6 White. 3 0 0	1 9 6	1 9 6	1 12 0	3 12 11	3 8 0	3 8 0	2 15 4	2 8 0	2 2 6
7	Balasore ...	3 12 0	3 12 0	2 8 0	3 12 0	3 12 0	3 0 0	3 0 0	2 14 0	3 0 0	2 8 0	2 6 0	1 14 0
8	Pooree* ...	...	...	...	...	...	...	...	...	...	...	...	...
9	Cuttack ...	3 11 0	4 4 0	3 0 0	...	...	...	3 10 0	3 10 0	3 10 0	3 2 0	3 0 0	2 0 0

* Return not received.

CALCUTTA,
The 2nd February 1892.

PRICES PER MAUND

Jowar or Cholum. (*Sorghum Vulgare.*) Present return.	Next preceding return.	Corresponding return of last year.	Bajra or Cumbu. (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
2 4 1	2 4 0	2 0 3	2 0 7	2 10 0	2 6 10
...	...	...	...	...	..
...	...	...	...	...	...
...	...	...	..	.	...
...	...	...	...	...	...
2 1 6	2 1 6	2 1 0	..	...	...
...	...	..	...	.	..
...	...	...	.	.	...
...	...	...	...	...	...

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on the 31st January 1892.

Arhar or Thur, Cadjan Pea. (*Cajanus indicus.*) Present return.	Next preceding return.	Corresponding return of last year.	Firewood. Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Marts.
. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	. A. P.	R. A. P.	R. A. P.	
[illegible] 6 10	2 6 3	2 9 8	0 5 9	0 5 9	0 5 6	3 4 2	3 4 3	3 7 0	Calcutta.
...	...	...	0 6 6	0 6 6	0 7 1	3 5 0	3 7 0	3 11 0	Serajgunge.
...	..	...	...	...	...	...	...	...	Dacca.
...	...	...	..	...	...	...	...	...	Naraingunge.
...	...	...	...	...	...	...	...	...	Chittagong.
[illegible] 8 0	2 2 6	...	0 5 4	0 5 4	0 5 6	3 8 0	3 8 0	3 10 9	Patna.
...	...	...	0 5 0	0 5 0	0 4 6	3 14 0	3 12 0	3 14 0	Balasore.
...	...	...	...	...	...	...	...	...	Pooree.
[illegible] 8 0	2 8 0	2 0 0	0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 12 0	Cuttack.

ished for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal.

Meteorological Division.	District.	Representative station.	Station Observations. — Air pressure. — Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Wind. — Prevailing direction.	Mean wind velocity.	Temperature. — Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Pooree	Pooree ...	30·112	30·061	—	N	195	84·7	28th Jan.	64·6	28th Jan.	82·6	66·0	74·3	—	71·4
		Gopalpore ..	30·101	30·062	+·115?	NNW	213	88·2	28th ,,	60·0	28th ,,	83·1	62·3	72·7	+1·0	67·9
		False Point ...	30·097	30·060	+·048	NWly	161	83·4	26th ,,	62·0	28th ,,	82·3	63·8	73·0	+3·2	68·2
	Cuttack	Cuttack ...	30·046	30·072	+·075	Calm	30	88 4	26th ,,	60·8	24th ,,	86·7	62 6	74·7	+1·6	66·4
	Balasore	Balasore ...	30·068	30 073	+·063	NW & NNW	87	87·4	26th ,,	58·6	24, 27 ,,	84·8	60·5	72 7	+4·1	65·6
South-West Bengal.	South-West Midnapore, South 24-Pergunnahs	Saugor Island	30·090	30·060	+·060	Nly	165	81·2	27 & 28 ,,	56·4	24th ,,	78·4	62·1	70·3	+1·1	67·6
	Midnapore	Midnapore ..	29·973	30·075	+·055	N	254	87·3	25, 26, 27 ,,	57·2	24th ,,	86·2	59 9	73·1	+6·1	64·4
	24-Pergunnahs ... ..., Howrah ... ..., Hooghly	Calcutta ...	30·103	30 070	+·068	Calm	55	83·7	26th ,,	53·7	24th ,,	81·5	57·7	69·6	+2·6	63·0
	Burdwan	Burdwan ...	30·043	30·093	+·077	Calm	28	85 5	26th ,,	56 3	24 & 29 ,,	83·1	58·3	70·7	+3·5	64·8
	Bankoora	Bankoora ...	29 795	30·059	+·058	Nly & Calm	44	86·1	25th ,,	56·8	24, 28 ,,	83 4	58·3	70·8	+6·3	63 1
	Beerbhoom .., West Burdwan	Raneegunge	29·796*	30·109*	+·069*	NWly	62	86·1	25th ,,	56·3	30th ,,	83·2	57·7	70·5	+4·6	61·8
	Moorshedabad	Berhampore ..	30·053	30 071	+·057	Wly	32	83·1	25 & 26 ,,	55 2	30th ,,	81·3	57·5	69·4	+4·0	59·9
	Nuddea	Krishnaghur .	30·070	30·069	+·077	NWly	64	85·2	26th ,,	52·4	30th ,,	82 7	55·0	68·8	+5·3	61·5
	Jessore ... ..., Khoolna	Jessore ..	30·085	30 066	+·063	Calm	35	83·7	26th ,,	53·5	29 & 30 ,,	81·6	55·1	68·4	+2·2	60·6
East Bengal.	Chittagong	Chittagong ...	30 020	30·058	+·053	Calm	46	88·7	28th ,,	51·6	24th ,,	84·6	55·9	70·2	+3·4	63·0
	Chittagong Hill Tracts	Domagiri ...						Observations not received.								
	Backergunge	Barrisal .	30 100	30·058	+ 067	Calm	36	81·8	26th Jan.	54·1	24 & 30 ,,	80·7	56·0	63·4	+4·4	65·2
	Noakhally	Noakholly ...	30·067	30·059	+·070	Variable	56	82 0	26 & 27 ,,	50 5	24th ,,	81·0	53·2	67·1	+2·4	61·8
	Furreedpore	Furreedpore ...	30·088	30·077	+·085	Calm	35	80·0	25 & 26 ,,	53·0	28, 30 ,,	77·4	55 2	66·3	+2·7	61·3
	Dacca	Dacca ...	30·090	30·061	+·060	Nly & Calm	65	81 1	26th ,,	56·8	27th ,,	82·4	58·7	70·5	+3·6	62·5
	Commillah	Commillah ...	30·074	30·058	+·066	N & Calm	10	82·4	26th ,,	54·0	24, 29 ,,	81·1	55·3	68·2	+3·6	60·1
	Mymensingh	Mymensingh	30·055	30·060	+·068	Ely	42	79·6	26th ,,	53·9	27, 28 ,,	78·8	55·6	67 2	+4·3	60·0
North Bengal.	Bogra ... -	Bogra ...	30·031	30·048	+·069	Nly	38	82·3	25th ,,	53·2	24, 29, 30,,	80·7	54·5	67·6	+4·2	58·7
	Pubna	Serajgunge ...	30·062	30·060	+·061	SWly	12	81 5	26th ,,	50 9	30th ,,	80·4	52 9	66 6	+3·7	59·1
	Rajshahye	Rampore Beauleah.	30·042	30·064	+·077	N	73	80·9	26th ,,	53·5	29 & 30 ,,	79·1	55·5	67·3	+5·5	60·7
	Maldah	Maldah ...	30·041	30·077	—	NW	87	82·6	25th ,,	49 2	29th ,,	81·3	51·5	66·4	—	62·7
	Dinagepore	Dinagepore .	29·985	30·004	+·049	SWly	36	82·6	25th ,,	50·4	27th ,,	81·0	52·6	66·8	+5·4	59·1
	Rungpore	Rungpore ...	29·994	30·079	+·087	Variable	32	80·6	30th ,,	50·9	27th ,,	79 4	52·5	66·0	+5·1	56·2
	Julpigoree ... ..., Cooch Behar	Julpigoree	29·808	30·061	+·074	NE	45	80·4	30th ,,	51·6	25th ,,	77·8	54·4	66 1	+5·4	60·0
	Darjeeling Hill Tracts ...	Darjeeling ...	23·033?	—	+·109?	Sly	88	48·0	26 & 30 ,,	37·1	26th ,,	46 8	38·7	42·8	+4·4	42·3
North Behar.	Purneah ... ..., North Bhagulpore ...	Purneah ...	29·986	30·074	+·057	Calm	37	82·2	25th ,,	46·8	29th ,,	80·4	49·3	64·9	+3·3	53·0
	Mozufferpore	Mozufferpore	29·932	30·076	—	Wly	83	79·7	25th ,,	49·3	28th ,,	77·8	52·3	65·1	—	56·0
	Durbhunga	Durbhunga ...	29·969	30·099	+·069	WSW & WNW	70	79·3	25th ,,	52·1	28th ,,	77·4	54 8	66·1	+3·9	58·2
	Chumparun	Motihari ...	29·874	30·070	+·060	SWly	136	80·2	25th ,,	46·9	27th ,,	78·3	49·6	64·0	+4·7	55·1
	Sarun	Chupra ...	29·937	30·083	+·097	SWly	91	79·3	25th ,,	51·6	28th ,,	76·9	53·7	65·3	+4·0	57·0
South Behar.	Shahabad	Dehree ..	29·773*	30·096*	+·072	SWly*	127*	78·8	29th ,,	58·5	27th ,,	76·7	61·1	68·9	+7·5	64·1
		Buxar .	29·898	30·108	+·083	Wly	106	77·9	29th ,,	50·9	27th ,,	75·3	52·9	64·2	+2·6	57·9
		Arrah ..	29·931	30·084	+·086	WNW	76	78·3	25th ,,	48·1	28th ,,	76·1	49·5†	63·3†	+2·3†	57·1
	Gya	Gya ...	29·759	30·107	+·081	S	128	79·8	25th ,,	53 8	28 & 29 ,,	78 7	56·6	67·7	+3·4	62·0
	Patna	Bankipore ...	29·948	30·094	+·060	W	68	76·4	25th ,,	53 0	27th ,,	73·2	54·4	63·8	+2·3	62·1
	South Bhagulpore ..., Monghyr	Bhagulpore ...	29 954	30·076	+ 068	Calm	5	82·3	24th ,,	51·0	28th ,,	80·4	53·8	67·1	+5·5	60·8
	Sonthal Pergunnahs ..	Doomka ...	29·608	30·088	+·072	Wly, Calm	40	84·1	25th ,,	53·6	27th ,,	80·8	54·9	67·9	+4·7	58·2
Chutia Nagpur.	Hazaribagh	Hazaribagh ...	28·067	30·105	+·080	NW	164	79·2	25th ,,	49·7	29th ,,	77·4	52·9	65·1	+3·1	59·4
	Lohardugga ... ..., Manbhoom	Ranchee ..	27·937	30·085	+·081	Calm	88	79·5	25th ,,	49·5	29th ,,	78·0	52·9	65·5	+4·3	61·3
	Singbhoom	Chyebassa ...	29·350	30·084	+·096	WSW	27	86·3	25th ,,	53·5	30th ,,	84 2	56·2	70·2	+3·5	68·3

* Mean of 6 days. | † Mean of 5 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last
The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers
are the numerical means or average of the rainfall in that district determined from the returns sent in by the sub-divisional station for the period in question during the
past stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 30th of January 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	District observations. Rainfall. Of week. Mean for district.	Of week. Normal mean.	Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 16th October 1891. Mean for district.	Since 16th October 1891. Normal mean.	Since 16th October 1891. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
78	1·1	Nil	Nil	0·12	Nil	0·31	—0·31	3·34	6·65	—3·31	0·00	0·18	Pooree ...	Pooree	Orissa.
74	0·1	Nil											Gopalpore ...		
93	1·9	Nil											False Point ...		
79	4·3	Nil	Nil	0·18	Nil	0·35	—0·35	7·69	4·42	+3·27	0·00	0·30	Cuttack ...	Cuttack	
75	0·4	Nil	Nil	0·27	Nil	0·44	—0·44	3·99	3·29	+0·70	0·00	0·39	Balasore ...	Balasore	
95	2·0	Nil	Nil	0·22	Nil	0·43	—0·43	2·54	4·67	—2·13	0·00	0·34	Saugor Island ...	South-West Midnapore South 24-Pergunnahs	South-West Bengal.
69	1·0	Nil	Nil	0·18	Nil	0·50	—0·50	0·28	2·45	—2·17	0·00	0·40	Midnapore ...	Midnapore	
87	0·6	Nil	Nil	0·19	Nil	0·50	—0·50	0·46	2·37	—1·91	0·00	0·43	Calcutta ...	24-Pergunnahs ... Howrah ... ... Hooghly	
60	1·9	Nil	Nil	0·18	Nil	0·39	—0·39	0·54	2·15	—1·61	0·00	0·29	Burdwan ...	Burdwan	
69	1·4	Nil	Nil	0·08	Nil	0·38	—0·38	0·56	2·05	—1·49	0·00	0·23	Bankoora ...	Bankoora	
67	1·0	Nil	Nil	0·14	Nil	0·46	—0·46	1·35	1·59	—0·24	0·00	0·34	Raneegunge ...	Beerbhoom ... ... West Burdwan ...	
88	1·7	Nil	Nil	0·09	Nil	0·45	—0·45	1·34	1·48	—0·14	0·00	0·29	Berhampore ...	Moorshedabad ...	
76	2·0	Nil	Nil	0·16	Nil	0·35	—0·35	0·74	2·15	—1·41	0·00	0·32	Krishnagur ...	Nuddea	
87	1·7	Nil	Nil	0·21	Nil	0·50	—0·50	1·85	2·73	—0·88	0·00	0·41	Jessore ...	Jessore ... ... Khoolna	
82	0·1	Nil	Nil	0·23	Nil	0·70	—0·70	3·00	5·61	—2·61	0·00	0·18	Chittagong ...	Chittagong	East Bengal.
			Nil	0·21	Nil	0·59	—0·59	3·33	4·99	—1·66	0·00	0·40	Domagiri ...	Chittagong Hill Tracts	
77	0	Nil	Nil	0·19	Nil	0·71	—0·71	1·34	4·21	—2·87	0·00	0·39	Barrisal ...	Backergunge	
87	0	Nil	Nil	0·21	Nil	0·71	—0·71	2·43	5·49	—3·06	0·00	0·43	Noakhally ...	Noakhally	
86	0·3	Nil	Nil	0·24	Nil	0·43	—0·43	1·94	2·25	—0·31	0·00	0·52	Furreedpore ...	Furreedpore	
80	2·3	Nil	Nil	0·25	Nil	0·43	—0·43	2·47	2·83	—0·36	0·00	0·69	Dacca ...	Dacca	
90	0·6	Nil	Nil	0·25	Nil	0·66	—0·66	5·67	3·12	+2·55	0·00	0·54	Commillah ...	Commillah	
90	1·7	Nil	Nil	0·15	Nil	0·40	—0·40	1·91	2·37	—0·46	0·00	0·27	Mymensingh ...	Mymensingh	
84	0·7	Nil	Nil	0·13	Nil	0·37	—0·37	2·34	1·74	+0·60	0·00	0·36	Bogra ...	Bogra	North Bengal.
90	0·1	Nil	Nil	0·13	Nil	0·41	—0·41	1·05	2·16	—1·11	0·00	0·31	Serajgunge ...	Pubna	
81	1·1	Nil	Nil	0·20	Nil	0·56	—0·56	1·22	1·67	—0·45	0·00	0·32	Rampore Beauleah	Rajshahye	
80	0	Nil	Nil	0·14	Nil	0·47	—0·47	0·14	1·78	—1·64	0·00	0·38	Maldah ...	Maldah	
85	0·3	Nil	Nil	0·22	Nil	0·53	—0·53	0·19	1·30	—1·11	0·00	0·33	Dinagepore ...	Dinagepore	
92	0·1	Nil	Nil	0·13	Nil	0·48	—0·48	0·17	1·65	—1·48	0·00	0·34	Rungpore ...	Rungpore	
91	0	Nil	Nil	0·22	Nil	0·54	—0·54	Nil	1·87	—1·87	0·00	0·38	Julpigoree ...	Julpigoree ... ... Cooch Behar	
92	4·3	0·28	0·28	0·33	0·30	0·96	—0·66	1·01	3·25	—2·24	0·50	0·68	Darjeeling ...	Darjeeling Hill Tracts	
93	0·9	Nil	Nil	0·11	Nil	0·50	—0·50	Nil	1·66	—1·66	0·00	0·35	Purneah ...	Purneah ... ... North Bhagulpore ...	North Behar.
94	1·0	Nil	0·03	0·10	0·03	0·66	—0·63	0·09	1·66	—1·57	0·00	0·41	Mozufferpore ...	Mozufferpore	
87	0·7	0·03	0·01	0·11	0·01	0·64	—0·63	0·01	1·52	—1·51	0·00	0·32	Durbhunga ...	Durbhunga	
91	1·1	Nil	Nil	0·12	Nil	0·67	—0·67	Nil	1·23	—1·23	0·00	0·55	Motihari ...	Chumparun	
90	1·4	Nil	Nil	0·15	Nil	0·75	—0·75	0·05	1·70	—1·65	0·00	0·35	Chupra ...	Sarun	
77	2·1	0·04											Dehree ...		South Behar.
84	2·4	0·06	0·06	0·11	0·13	0·66	—0·53	0·17	2·15	—1·98	0·02	0·44	Buxar ...	Shahabad	
84	0·6	0·09											Arrah ...		
73	3·0	0·12	0·13	0·15	0·13	0·66	—0·53	0·33	1·73	—1·40	0·50	0·39	Gya ...	Gya	
72	3·3	0·06	0·03	0·11	0·05	0·57	—0·52	0·18	1·89	—1·71	0·00	0·43	Bankipore ...	Patna	
76	2·1	Nil	Nil	0·19	Nil	0·56	—0·56	0·07	1·86	—1·79	0·00	0·45	Bhagulpore ...	South Bhagulpore ... Monghyr	
75	0	Nil	Nil	0·10	Nil	0·37	—0·37	0·40	1·64	—1·15	0·00	0·25	Doomka ...	Sonthal Pergunnahs ..	
76	4·6	Nil	Nil	0·10	Nil	0·61	—0·61	0·15	1·77	—1·62	0·00	0·20	Hazaribagh ...	Hazaribagh	Chutia Nagpur.
70	3·6	Nil	Nil Nil	0·14 0·16	Nil Nil	0·75 0·49	—0·75 —0·49	0·18 0·46	2·37 1·82	—2·19 —1·36	0·00 0·00	0·29 0·32	Ranchi ...	Lohardugga ... ... Manbhoom	
59	2·0	Nil	Nil	0·24	Nil	0·73	—0·73	0·54	2·60	—2·06	0·00	0·45	Chyebassa ...	Singbhoom	

ten years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean
ten years. The means of the district are the numerical average of the rainfall return received in the district, *i.e.*, from total rainfall at the subdivisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 30th of January 1892.

Meteorological division.	District.	Station.	Rainfall. Sunday, 24th Jan.	Monday, 25th Jan.	Tuesday, 26th Jan.	Wednesday, 27th Jan.	Thursday, 28th Jan.	Friday, 29th Jan.	Saturday, 30th Jan.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
ORISSA ...	Pooree ...	Pooree ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·35	15·91	7·51
		Khurdah ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·27	3·74	4·95
		Banpur ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·08	1·77	6·41
		False Point ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·62	12·25	7·72
		Gop ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Satpara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·10	?
		Pipli .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	6·98	?
	Cuttack	Jagatsingpore	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·35	12·47	4·46
		Banki ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·22	1·17	4·58
		Cuttack ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·34	4·87	4·50
		Kendrapara ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·42	16·72	4·53
		Jajpore ...	......	......	......	......	......	......	......	Nil	Nil	0·39	Nil	0·42	3·24	4·02
		Dharmsala ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	5·36	?
		Salipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	8·20	?
		Akhyapada ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·74	?
	Balasore	Chandbali ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·51	11·06	4·70
		Bhuddruck ...	......	......	......	......	......	......	......	Nil	Nil	0·43	Nil	0·30	5·85	3·83
		Sorah ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·25	3·93	3·03
		Balasore ..	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·49	2·47	4·04
		Jellasore ..	......	......	......	......	......	......	......	Nil	Nil	0·38	Nil	0·72	0·82	2·94
		Baripodah ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·28	0·35	2·27
SOUTH-WEST BENGAL.	Midnapore	Contai ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·28	2·49	5·80
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·37	4·44	5·49
		Tumlook ...	......	......	......	......	......	......	......	Nil	Nil	0· 5	Nil	0·38	0·35	2·99
		Midnapore ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·61	0·18	2·96
		Ghattal ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·51	0·33	1·41
		Kukrahaty ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·31	?
		Garbetta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·19	?
	24-Pergunnahs	Diamond Harbour ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·63	0·70	3·31
		Canning Town	......	......	......	......	......	......	......	Nil	Nil	?		?	2·34	?
		Alipore Jail ..	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·72	0·43	3·04
		Barrackpore...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·45	0·28	2·25
		Dum-Dum ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·52	0·40	2·49
		Baraset ..	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·59	0·36	2·57
		Buseerhat ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·41	1·28	2·31
	Howrah	Howrah	......	......	......	......	......	......	......	Nil	Nil	0·17		0·59	0·29	2·66
		Mohesreka ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·51	0·41	1·94
		Oolooberiah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·36	?
	Hooghly ..	Serampore ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·42	0·49	2·16
		Hooghly ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·38	0·83	2·27
		Jehanabad	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·30	0·30	2·05
	Burdwan .	Culna	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·40	0·34	2·16
		Burdwan ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·32	0·28	2·14
		Cutwa	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·45	0·98	2·15
		Raneegunge	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·35	0·56	1·55
		Mankur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·55	?
	Bankoora ..	Bankoora ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·37	0·69	2·06
		Bishenpore ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·38	0·37	2·01
		Maliara ..	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·33	0·65	1·60
		Khatra ..	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·44	0·50	2·51
		Indas ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·48	?
		Kotalpore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·30	?
		Anda ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
		Gangajalghati	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·29	?
		Raipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·82	?
		Sonamukhi ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·51	?
	Beerbhoom	Bh. Soory ..	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·45	1·45	2·91
		Hetampore ..	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·51	1·52	1·19
		Rampore Haut	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·53	0·88	1·59
		Bolpore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·10	?
		Murari ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·56	?
	Nuddea .	Ranaghat	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·46	0·60	2·23
		Kishnaghur ..	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·30	1·30	1·67
		Chooadanga	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·31	0·47	2·47
		Meherpore ..	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·31	0·30	1·90
		Kooshtea	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·38	1·00	2·49
	Khoolna ..	Satkhira	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·40	3·13	2·71
		Bagirhat	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·69	2·78	3·16
		Khoolna .	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·60	3·89	3·11
		Nakipur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·82	?
		Rampal	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·80	?
	Jessore ...	Narail	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·68	2·13	3·15
		Jessore .	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·61	1·43	2·95
		Jhenidah	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·34	0·34	2·30
		Magoorah	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·32	0·52	1·89
		Bongong	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·33	0·56	2·53
	Moorshedabad	Kandi	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·30	1·20	1·71
		Berhampore..	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·54	1·06	1·63
		Lalbagh ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·20	0·86	1·28
		Azimgunge ..	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·56	1·86	1·62
		Jungipore	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·44	1·43	1·35
		Lalgola	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·55	1·60	1·31
		Akrigunj ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·63	?
		Patkabari	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·10	?
EAST BENGAL	Chittagong	Cox's Bazar ...	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·77	4·01	6·74
		Chittagong ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·63	1·98	4·48
		Kutubdia ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·81	?
		Satkanya	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·73	?
	Chittagong Hill Tracts.	Rangamati .	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·59	3·33	4·99
		Bundarbun ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·04	?
	Backergunge	Patuakhally...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·79	0·93	4·68
		Ferozepore	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·71	1·69	4·01
		Burrisal	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·77	2·21	4·19
		Bhola ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·58	0·53	5·95

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 30th of January 1892—contd.

Meteorological division.	District.	Station.	Sunday, 24th Jan.	Monday, 25th Jan.	Tuesday, 26th Jan.	Wednesday, 27th Jan.	Thursday, 28th Jan.	Friday, 29th Jan.	Saturday, 30th Jan.	Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
EAST BENGAL—concld.		*Gournadi*	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	4·01	?
		Bauphal	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·09	?
	Noakholly ..	Noakholly	...	...	...	...	...	...	...	Nil	Nil	0·19	Nil	0·52	2·77	4·73
		Fenny	...	...	...	...	...	...	...	Nil	Nil	0·24	Nil	0·75	2·01	6·25
		Harishpore ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·47	?
		Ramganj	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·59	?
	Furreedpore	Madaripore	...	...	...	...	...	...	...	Nil	Nil	0·21	Nil	0·61	4·24	2·39
		Furreedpore	...	...	...	...	...	...	...	Nil	Nil	0·22	Nil	0·54	1·07	2·11
		Goalundo	...	...	...	...	...	...	...	Nil	Nil	0·28	Nil	0·40	0·53	2·33
	Dacca ..	Munshigunge	...	...	...	...	...	...	...	Nil	Nil	0·20	Nil	0·54	3·78	3·25
		Dacca	...	...	...	...	...	...	...	Nil	Nil	0·16	Nil	0·33	1·96	2·02
		Narainganje	...	...	...	...	...	...	...	Nil	Nil	0·33	Nil	0·39	3·31	3·99
		Manickgunge	...	...	...	...	...	...	...	Nil	Nil	0·22	Nil	0·44	0·82	2·17
		Joydebpore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·55	?
	Hill Tipperah / Tipperah	Agartola	...	...	...	...	...	...	...	Nil	Nil	0·24	Nil	0·65	7·40	3·91
		Comilla ..	...	...	...	...	...	...	...	Nil	Nil	0·23	Nil	0·68	6·12	3·13
		Chandpore	...	...	...	...	...	...	...	Nil	Nil	0·28	Nil	0·53	4·45	2·47
		Brahmanbaria	...	...	...	...	...	...	...	Nil	Nil	0·26	Nil	0·77	4·59	2·97
		Ramchandrapore ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	3·42	?
		Nasirnagar ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·55	?
		Daudkandi	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	3·17	?
		Kasba	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	7·44	?
		Laksham	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	2·05	?
	Mymensingh	Kishoreganj	...	...	...	...	...	...	...	Nil	Nil	0·12	Nil	0·57	1·67	2·40
		Atia (*Tangail*)	...	...	...	...	...	...	...	Nil	Nil	0·21	Nil	0·43	0·63	2·15
		Mymensingh	...	...	...	...	...	...	...	Nil	Nil	0·22	Nil	0·35	2·57	2·40
		Jamalpore	...	...	...	...	...	...	...	Nil	Nil	0·10	Nil	0·43	3·00	2·20
		Netrokona	...	...	...	...	...	...	...	Nil	Nil	0·02	Nil	0·19	1·71	2·08
		Subarnakhali	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·10	?
		Durgapore ..	...	...	...	...	...	...	...	Nil	Nil	?		?	?	?
		Sherepore Town	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	2·08	?
		Dewanganj	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·84	?
NORTH BENGAL.	Pubna ..	Pubna	...	...	...	...	...	...	...	Nil	Nil	0·14	Nil	0·26	0·99	2·09
		Serajgunge	...	...	...	...	...	...	...	Nil	Nil	0·12	Nil	0·45	1·09	2·23
	Bogra ..	Sherepore	...	...	...	...	...	...	...	Nil	Nil	0·04	Nil	0·36	2·64	1·98
		Nowkhilla ..	...	...	...	...	...	...	...	Nil	Nil	0·05	Nil	0·36	2·67	1·83
		Bogra	...	...	...	...	...	...	...	Nil	Nil	0·30	Nil	0·45	3·65	2·15
		Panchbibi	...	...	...	...	...	...	...	Nil	Nil	0·13	Nil	0·32	0·45	0·09
	Rajshahye ..	Beauleah	...	...	...	...	...	...	...	Nil	Nil	0·17	Nil	0·40	0·51	1·61
		Nattore	...	...	...	...	...	...	...	Nil	Nil	0·11	Nil	0·61	1·41	1·95
		Naogaon	...	...	...	...	...	...	...	Nil	Nil	0·53	Nil	0·66	1·50	1·41
		Laipara ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·07	?
		Manda	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·00	?
	Maldah ..	Maldah	...	...	...	...	...	...	...	Nil	Nil	0·09	Nil	0·43	0·6	2·03
		Chanchal ..	...	...	...	...	...	...	...	Nil	Nil	0·19	Nil	0·51	0·02	1·52
		Gaur ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·15	?
		Nitganj	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·93	?
	Dinagepore	Mohadebpore	...	...	...	...	...	...	...	Nil	Nil	0·26	Nil	0·57	0·70	1·05
		Churaman	...	...	...	...	...	...	...	Nil	Nil	0·27	Nil	0·57	0·08	1·60
		Raiganje	...	...	...	...	...	...	...	Nil	Nil	0·08	Nil	0·57	Nil	0·91
		Dinagepore	...	...	...	...	...	...	...	Nil	Nil	0·16	Nil	0·40	Nil	2·45
		Balurghat	...	...	...	...	...	...	...	Nil	Nil	0·32	Nil	0·55	0·17	1·10
		Thakoorgaon	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
	Rungpore	Bonwarigunj (*Gyaraoon*)	...	...	...	...	...	...	...	Nil	Nil	0·07	Nil	0·35	0·54	1·68
		Rungpore ..	...	...	...	...	...	...	...	Nil	Nil	0·10	Nil	0·58	0·09	2·24
		Kurigram	...	...	...	...	...	...	...	Nil	Nil	0·15	Nil	0·51	0·16	1·45
		Bagdokra (*Nilphamari*)	...	...	...	...	...	...	...	Nil	Nil	0·19	Nil	0·49	Nil	1·43
		Pirpore ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·18	?
	Jalpigoree ..	Jalpigoree	...	...	...	...	...	...	...	Nil	Nil	0·20	Nil	0·55	Nil	2·81
		Alipore Dooar	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Falacotta ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Dengaun	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Bhagatpore (Nagrakatta)	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·11	?
	Cooch Behar	Dinhatta	...	...	...	...	...	...	...	Nil	Nil	0·31	Nil	?	Nil	?
		Cooch Behar	...	...	...	...	...	...	...	Nil	Nil	0·10	Nil	0·68	Nil	1·79
		Mekliganj	...	...	...	...	...	...	...	Nil	Nil	0·24	Nil	0·13	Nil	1·70
		Mathabhanga ..	...	...	...	...	...	...	...	Nil	Nil	0·24	Nil	0·56	Nil	1·61
	Darjeeling Hill.	Buxa	...	...	...	0·74	...	...	...	1	0·74	0·26	Nil	0·48	Nil	1·42
		Siliguri	...	...	...	...	...	...	...	Nil	Nil	0·22	0·76	1·14	3·04	4·92
		Darjeeling	...	...	...	0·28	...	...	...	1	0·28	0·23	Nil	0·52	Nil	1·60
		Kalimpong ..	...	...	...	0·08	...	...	...	Nil	0·08	0·45	0·28	0·64	0·35	4·57
		Kurseong ..	...	...	...	0·06	...	...	...	Nil	0·06	?	0·14	1·24	0·61	3·11
													0·06	?	0·16	?
NORTH BEHAR	Purneah ...	Kissengunge ...	...	...	...	...	...	...	...	Nil	Nil	0·11	Nil	0·63	Nil	1·81
		Arrariah	...	...	...	...	...	...	...	Nil	Nil	0·17	Nil	0·45	Nil	1·53
		Purneah	...	...	...	...	...	...	...	Nil	Nil	0·12	Nil	0·46	Nil	2·10
		Gondwara	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Balarampore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Kadwa	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Kaniganj	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
	North Bhagulpore.	Madhipore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Supoul ..	...	...	...	...	...	...	...	Nil	Nil	0·06	Nil	0·17	Nil	1·45
		Pratabganj ..	...	...	...	...	...	...	...	Nil	Nil	0·10	Nil	0·46	Nil	1·40
										Nil	Nil	?	Nil	?	Nil	?
	Durbhunga ...	Tajpore	...	...	...	...	...	...	...	Nil	Nil	0·07	Nil	0·01	Nil	1·40
		Durbhunga	0·03	...	...	...	...	...	...	Nil	0·03	0·12	0·03	0·05	0·03	1·49
		Madhubani ..	...	...	...	...	...	...	...	Nil	Nil	0·14	Nil	0·74	Nil	1·58
		Banera ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Rusnera	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
	Mozufferpore	Sitamarhi	...	...	...	...	...	...	...	Nil	Nil	0·10	Nil	0·53	Nil	1·19
		Mozufferpore	...	...	...	...	...	...	...	Nil	Nil	0·09	Nil	0·?9	Nil	2·25
		Hajipore	0·08	...	...	...	...	...	...	Nil	0·08	0·14	0·08	0·65	0·25	1·53
		Paru ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Jhanua ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·05	?
		Shunar ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Pupri ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 30th of January 1892 —concld.

Meteorological division.	District.	Station.	Sunday, 24th Jan.	Monday, 25th Jan.	Tuesday, 26th Jan.	Wednesday, 27th Jan.	Thursday, 28th Jan.	Friday, 29th Jan.	Saturday, 30th Jan.	Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
			RAINFALL.							TOTAL—						
NORTH BEHAR—*concluded.*	Chumparun	Motihari	...	...	...	...	...	...	...	Nil	Nil	0·12	Nil	0·65	Nil	1·22
		Bettiah	...	...	...	...	...	...	...	Nil	Nil	0·12	Nil	0·69	Nil	1·24
		Banaha	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Burhurwa	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
	Sarun	Gopalgunge	...	...	...	...	...	...	...	Nil	Nil	0·27	Nil	0·84	0·07	1·20
		Sewan	...	...	...	...	...	...	...	Nil	Nil	0·08	Nil	0·76	0·09	1·98
		Chuprah	...	...	...	...	...	...	...	Nil	Nil	0·11	Nil	0·66	Nil	1·93
SOUTH BEHAR	Shahabad	Buxar	0·05	...	...	...	...	...	...	Nil	0·05	0·10	0·06	0·79	0·24	2·19
		Dehree	0·04	...	...	...	...	...	...	Nil	0·04	0·09	0·04	0·62	0·34	2·16
		Bhaboouah	0·18	...	...	...	...	...	...	1	0·18	0·08	0·43	0·68	0·43	2·48
		Sasseram	0·06	...	...	...	...	...	...	Nil	0·06	0·13	0·06	0·51	0·06	2·08
		Arrah	...	...	...	...	...	...	...	Nil	Nil	0·14	0·09	0·71	0·09	1·85
		Mohaniah	...	...	...	...	...	...	...	Nil	Nil	?	0·21	?	0·21	?
		Khiri	0·30	...	...	...	...	...		1	0·30	?	0·30	?	?	?
		Ugeaon	0·13	...		...	...	...	...	1	0·13	?	0·13	?	?	?
		Rammagar	0·27	...	...	...	...	...	...	1	0·27	?	0·27	?	?	?
		Koath	0·21	...	...	...	...	...	...	1	0·21	?	0·21	?	?	?
		Sikrowa		...		...		...	...	Nil	Nil	?	Nil	?	?	?
		Bassawan	0·19	...	...	...	...	...	...	1	0·19	?	0·41	?	?	?
		Manaharpur	0·28	...	...	...	...			1	0·28	?	0·25	?	?	?
	Gya	Aurungabad	0·37	...	...	...	...	...	...	1	0·37	0·12	0·37	0·60	0·37	1·51
		Gya	0·12	...	...	...	...	...	...	1	0·12	0·16	0·12	0·51	0·85	1·86
		Nowadah	0·01	...	...	...	...	...	...	Nil	0·01	0·17	0·01	0·70	0·08	1·85
		Jehanabad	...	...	...	...	...	...	...	Nil	Nil	0·16	Nil	0·71	Nil	1·72
		Irwal	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Audnagar	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Sherghatti	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·26	?
		Rajauli	...	...	...	...	...	...	...	Nil	Nil	?	0·50	?	0·50	?
		Pakri Barawan	...	...		...		...		Nil	Nil	?	Nil	?	0·03	?
	Patna	Patna	0·06	...	...	...	...	...	...	Nil	0·06	0·11	0·06	0·59	0·27	1·89
		en p re	0·04	...	...	...	...	...	...	Nil	0·04	0·05	0·10	0·56	0·20	1·83
		Behar		...	...	...	...	...	...	Nil	Nil	0·18	Nil	0·67	0·06	2·07
		Barrh	...	...	...	...	...	...	...	Nil	Nil	0·10	Nil	0·47	0·13	1·78
		Bickram	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Hilsa	...	...	...	...	...			Nil	Nil	?	Nil	?	0·41	?
	Monghyr	Begooserai	...	...	...	...	...	...	...	Nil	Nil	0·18	Nil	0·53	0·05	2·14
		Monghyr	...	...	...	...	...	...	...	Nil	Nil	0·12	Nil	0·48	Nil	1·87
		Jamui	...	...	...	...	...	...	...	Nil	Nil	0·23	Nil	0·67	0·10	1·59
		Gogri	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura	...	...	...	...	...		...	Nil	Nil	?	Nil	?	Nil	?
	South Bhagulpore	Bhagulpore	...	...	...	...	...		...	Nil	Nil	0·21	Nil	0·48	0·01	1·63
		Banka	...	...	...	...	...		...	Nil	Nil	0·20	Nil	0·59	0·18	2·07
		Kolgong	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Bongaon	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
	Sonthal Pergunnahs.	Rajmohal	...	...	...	...	...	...	...	Nil	Nil	0·08	Nil	0·17	0·14	1·26
		Godda	...	...	...	...	...	...	...	Nil	Nil	0·16	Nil	0·35	0·08	1·43
		Pakour	...	...	...	...	...	...	...	Nil	Nil	Nil	Nil	0·25	1·85	1·22
		Nya Doomka	...	...	...	...	...	...	...	Nil	Nil	0·11	Nil	0·58	0·38	1·84
		Deoghur	...	...	...	...	...	...	...	Nil	Nil	0·19	Nil	0·44	0·18	2·45
		Jamtara	...	...	...	...	...	...	...	Nil	Nil	0·04	Nil	0·41	0·30	1·66
		Mohagama	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	?	?
		Nanihat	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·76	?
CHUTIA NAGPUR.	Hazaribagh	Pachamba (*Giridi*).	...	...	...	...	...	...	...	Nil	Nil	0·18	Nil	0·40	Nil	1·68
		Hazaribagh	...	...	...	...	...	...	...	Nil	Nil	0·13	Nil	0·60	0·15	1·06
		Semtaguran	...	...	...	...	...	...	...	Nil	Nil	0·02	Nil	0·51	Nil	1·42
		Mahudi Hills	...	...	...	...	...	...		Nil	Nil	0·07	Nil	0·83	Nil	1·81
		Jhoomra Hills	...	...	...	...	...	...	...	Nil	Nil	0·12	Nil	0·70	0·51	1·97
		Barhi	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·07	?
		Chatra	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·05	?
		Karagdeha	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·17	?
		Ramghar	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·15	?
	Lohardugga	Lohardugga	...	...	...	...	...	...	...	Nil	Nil	0·04	Nil	0·84	0·22	2·06
		Ranchi	...	...	...	...	...	...	...	Nil	Nil	0·22	Nil	0·64	0·24	2·23
		Palm w	...	...	...	...	...	...	...	Nil	Nil	0·15	Nil	0·77	0·06	2·22
		Silli	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Balumat	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Hosseinabad	0·50	...	...	...	...	...	...	1	0·50	?	0·50	?	0·50	?
		Garwah	0·10	...	...	...	...	...	...	1	0·10	?	0·10	?	0·10	?
	Singbhoom	Chyebassa	...	...	...	...	...	...	...	Nil	Nil	0·24	Nil	0·73	0·54	2·60
		Chakradharpore.	...	...	...	...	...	...	...	Nil	Nil	?		?		?
		Ghatsilla	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·88	?
		Baharagura	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·62	?
	Manbhoom	Purulia	...	...	...	...	...	...	...	Nil	Nil	0·18	Nil	0·46	0·65	1·80
		Gobindpore	...	...	...	...	...	...	...	Nil	Nil	0·14	Nil	0·51	0·25	1·83
		Raghunathpore.	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Barrabhoom	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·70	?
		Jhalda	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·23	?
		Ga g	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·19	?
		Pandra	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	?	?

Explanation.—......indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the 2nd February* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 30TH OF JANUARY 1892.

DURING the previous week a feeble barometric depression had advanced in a south-easterly direction, and on the 23rd its centre was apparently near Amraoti, but the depression was exceedingly slight and it was evidently filling up. The depression had, however, been sufficiently influential to cause the sky to cloud over considerably in Behar and Bengal, and on the 23rd a few light rain showers were reported in South Behar On the 24th, or the first day of the present week, the barometer had fallen in North and Central Bengal, but it was rising in the west and south of the Province, and pressure became relatively low in North Bengal, though there was no evidence of any distinct depression existing. Conditions were, however, slightly disturbed, and southerly and south-easterly winds prevailed in East and North Bengal, and on this day rather numerous but very light showers were reported from the Shahabad and Gya districts, and also one or two showers from the Patna and Lohardugga districts. Temperature also continued exceptionally high in Bengal on the 24th, the excess above the normal ranging from about 2° or 3° to nearly 8°. On the 25th, there was a general but very slight fall of pressure over the whole Province, while temperature also remained exceptionally high, but wind directions generally became more normal and conditions were less disturbed. On the 26th, a decidedly rapid fall of pressure had taken place over the Province, the fall being largest in North Bengal and Behar, and pressure became below the normal over part of North Bengal, while it was above it elsewhere. The winds over the northern part of the Province also showed the effect of the disturbance, and south-westerly winds were reported at many of the central and northern stations in the Province, and rain fell at several stations in the Darjeeling district, which was reported on the morning of the 27th. The disturbance was, however, exceedingly slight, for pressure had risen on the 27th, and had become above the normal in all districts, and at this time also temperature commenced generally to fall. The rise of pressure continued on the 28th, while temperature also decreased at many stations, and winds also became generally north-westerly or of the normal cold weather direction. The increase of pressure had ceased on the 29th and there had been a slight fall, and on the 30th pressure was rising very slowly at some stations and falling at others, and pressure generally was about 0·05″ to 0·08″ in excess of the normal. The fall of temperature had continued slight, and on the 30th temperature was generally from about 2° to 6° or 7° in excess of the normal. The other conditions of wind direction, cloud proportion and humidity were, however, fairly normal at the close of the week.

Pressure.—The mean pressure for the week has been in excess of the normal over the whole Province, the amount of excess generally ranging from 0·05″ to 0·1″. This excess has, however, been generally smallest at the stations in South, East and North Bengal, while it has been largest in Chutia Nagpur and Behar.

Temperature.—The mean temperature of the Province for the week has been no less than four degrees in excess of the normal. This abnormally high temperature has been fairly equally spread over the whole Province, but the excess was largest in the first half of the week and decidedly smaller during the second half.

The variation of temperature is, however, most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in different districts of the Province are compared with the normal values for the same period. It will be seen from this table that the excess has been almost equal both during the day and the night.

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 30th January 1892.

	Normal mean maximum temperature for the week ending 30th January.	Actual mean maximum temperature for the week ending 30th January 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 30th January.	Actual mean minimum temperature for the week ending 30th January 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 30th January.	Actual mean daily temperature for the week ending 30th January 1892.	Variation of actual mean from the normal.
Cuttack	86·0	88·7	+0·7	60·2	62·6	+2·4	73·1	74·7	[illegible]
Calcutta	77·7	81·5	+3·8	56·2	57·7	+1·5	67·0	[illegible]	+2·6
Dacca	78·7	82·4	+3·7	55·0	58·7	+3·7	66·9	70·5	+3·6
Burdwan	79·3	83·1	+3·8	55·0	58·3	+3·3	67·2	70·7	+3·5
Patna	73·1	73·2	+0·1	49·9	54·4	+4·5	61·5	63·8	+2·3
Gya	76·2	78·7	+2·5	52·3	56·6	+4·3	64·3	67·7	+3·4
Purneah	74·8	80·4	+5·6	48·2	49·3	+1·1	61·5	64·9	+3·4
Hazaribagh	73·3	77·4	+4·1	50·9	52·9	+2·0	62·1	65·1	+3·0
Darjeeling	43·3	46·8	+3·5	33·4	38·7	+5·3	38·4	42·8	+4·4

Rainfall.—Light and fairly general rain has fallen in the Darjeeling and Shahabad districts during the week, while showers also are reported from the Gya, Patna, Lohardugga,

Durbhunga and Mozufferpur districts; but as a rule the amounts recorded at the individual stations are decidedly less than a tenth of an inch. The only moderately heavy falls have been Buxa 0·74 inch, Hosseinabad 0·50 inch, Aurangabad 0·37 inch, Darjeeling 0·28 inch, Manahorpur 0·28 inch, Rammagor 0·27 inch, Bassawan 0·19 inch, Bhubooah 0·18 inch, Agoaon 0·13 inch, Gya 0·12 inch, and Garwa 0·10 inch.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 30th of January 1892 :—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 10th Oct. 1891.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	88·4	58·6	83·9	63·0	73·5	+2·5	Nil	0·20	—0·20	0·00	0·30	—0·30	Nil	0·37	6·44	4·56
South-West Bengal ...	87·3	52·4	82·4	58·0	70·2	+4·0	Nil	0·16	—0·16	0·00	0·35	—0·35	Nil	0·45	1·05	2·84
East Bengal	88·7	50·5	80·9	55·7	68·3	+3·5	Nil	0·21	—0·21	0·00	0·44	—0·44	Nil	0·56	2·41	3·46
North Bengal	82·6	49·2	80·0	53·4	66·7	+4·9	Nil	0·17	—0·17	0·00	0·35	—0·35	Nil	0·49	0·65	1·09
North Behar	82·3	43·8	78·2	51·9	65·1	+4·0	0·01	0·12	—0·11	0·00	0·34	—0·38	0·01	0·62	0·03	1·68
South Behar	84·1	48·1	77·3	54·7	66·1	+4·0	0·04	0·13	—0·13	0·01	0·38	—0·37	0·06	0·55	0·24	1·85
Chutia Nagpur	79·5*	49·5*	77·7*	52·9*	65·3*	+3·7*	Nil	0·14	—0·14	0·00	0·27	—0·27	Nil	0·64	0·25	2·02

* Chyebassa not included.

Meteorological Office, Bengal,
The 2nd February 1892.

A. Pedler,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 24th to 30th January 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32 Fahr.	Temperature.						Hygrometry.			Rainfall past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
January ..	24th .	30·191	68·8	81·9	26·2	55·7	66·4	64·9	·597	64·0	92	Nil.
,, ...	25th ...	·165	73·8	81·9	22·2	62·7	76·4	71·6	·712	69·0	78	,,
,, ...	26th ..	·079	72·7	83·3	21·2	62·1	75·6	65·6	·498	58·8	56	,,
,, ...	27th ...	·102	70·3	82·4	24·3	58·1	73·6	64·6	·490	58·4	59	,,
,, ...	28th .	·139	69·4	81·9	25·0	56·9	71·6	60·7	·387	51·8	50	,,
,, ...	29th ..	·107	69·2	81·9	25·5	56·4	74·6	62·7	·412	53·6	48	,,
,, ...	30th ...	·117	70·2	81·4	22·5	58·9	73·6	66·6	·560	62·1	68	,,

	Inches.
The mean 10 A.M. pressure of the seven days	30·130
The mean temperature of the seven days	70°6
The extreme variation of temperature	29·2
The maximum temperature	84·9
	%
The mean 10 A.M. relative humidity of the seven days	64
The total fall of rain from 24th to 30th January 1892	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

O. Little,
For Meteorological Reporter to the Govt. of India.

Meteorological Office, India,
The 1st February 1892.

Results of the Meteorological Observations taken at the Alipore Observatory from 24th to 30th January 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Maximum.	Range.	Minimum.	Hygrometry. Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Wind. Prevailing direction.	Miles recorded.	Rain.	Weather
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Jan.	24th	130·5	7·1	30·105	66·6	81·2	27·5	53·7	61 6	0·489	58 3	76	W by S and calm	50	Nil	Clear, △, ≡.
,,	25th	134·5	8·4	·065	71·6	83·8	22·4	61·4	66·8	598	64·0	78	SW by W, WSW and calm.	69	,,	Partially cloudy, O, △, ≡.
,,	26th	133 5	8·6	29·993	70·9	81·6	18·9	62·7	63·6	·491	58·4	67	NNW and WNW	75	,,	Chiefly clear.
,,	27th	133·2	8·8	30·028	68·6	81·6	24 1	57 5	62·1	·475	57·5	70	WNW and variable.	42	,,	Clear, △, ≡.
,,	28th	130·1	8 8	·067	67·8	81·2	24 8	56·4	61·5	·462	56·7	71	NNW and calm ...	37	,,	Chiefly clear, △.
,,	29th	135·4	9·5	·016	67·3	81·1	25·1	56 0	59·6	·410	53·4	61	NNW ...	46	,,	Chiefly clear. △.
,,	30th	129·7	4·7	·010	68·0	80·7	24·3	56·4	61·7	·467	57·0	68	W by S, WNW and variable.	35	,,	Chiefly cloudy, △, ≡.

	Inches.
The mean pressure of the seven days	30·049
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·996
	Hours.
The total number of hours of bright sunshine	55 9
The maximum possible number of hours of sunshine	77 1
	°
The mean temperature of the seven days	68·7
The average temperature of the corresponding period for 24 years, S.-G.'s Office	68·7
The extreme variation of temperature	30·1
The maximum temperature	83·8
	Miles.
The highest velocity of the wind in one hour	10
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	70
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	70
	Inches.
The total fall of rain from 24th to 30th January 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·13
The total fall from 1st to 30th January 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·30

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; △, dew; ≡, fog.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 1st February 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 9th January 1892.

Columns 1–6: Population and Births

1. Districts	2. Names of Municipalities	3. Population: Male	3. Population: Female	3. Population: Total	4. Births, Number of—: Male	4. Female	4. *Total*	5. Births, Ratio per 1,000 of population per annum: Male	5. Female	5. *Total*	6. Ratio of male births to every 100 female births
Burdwan	Burdwan*	...	...	...	...	...	...	...	...	...	...
Burdwan	Raniganj	6,246	4,691	10,937	1	2	*3*	4·7	9·5	*14·3*	50
Bankura	Bankura	8,970	8,925	17,895	3	6	*9*	8·7	17·4	*26·2*	50
Birbhum	Soori	3,982	3,866	7,848	1	2	*3*	6·6	13·3	*19·9*	50
Midnapore	Midnapore	16,927	16,633	33,560	12	4	*16*	18·6	6·2	*24·8*	3[illegible]
Hughli, including Serampore	Hughli and Chinsurah	15,858	15,829	31,687	8	10	*18*	13·1	16·4	*29·5*	80
Hughli, including Serampore	Serampore	13,559	12,937	26,496	11	5	*16*	21·6	9·8	*31·4*	220
Hughli, including Serampore	Utterpara	3,046	2,464	5,510	4	5	*9*	67·7	47·2	*84·9*	80
Howrah	Howrah	53,153	37,660	90,813	26	34	*60*	14·9	19·5	*34·4*	76
Howrah	Bali	7,836	6,979	14,815	11	5	*16*	38·6	17·5	*56·2*	220
24-Pergunnahs	Cossipore-Chitpore	16,080	10,214	26,294	9	7	*16*	17·8	13·8	*31·6*	128
24-Pergunnahs	Manicktolla*	...	...	...	...	...	...	...	...	...	...
24-Pergunnahs	Baranagore*	...	...	...	...	...	...	...	...	...	...
24-Pergunnahs	South Suburban*	...	...	...	...	...	...	...	...	...	...
Nuddea	Krishnagar	13,263	14,214	27,477	13	16	*29*	24·6	30·3	*54·9*	81
Nuddea	Ranaghat	4,028	4,655	8,683	8	13	*21*	47·9	77·9	*125·8*	61
Nuddea	Santipore	13,708	15,979	29,687	16	9	*25*	28·0	15·8	*43·8*	178
Jessore	Jessore	4,830	3,665	8,495	...	1	*1*	...	6·1	*6·1*	No male birth.
Murshedabad	Berhampore*	...	...	...	...	...	...	...	...	...	...
Murshedabad	City Murshedabad*	...	...	...	...	...	...	...	...	...	...
Khulna	Khulna	3,249	3,043	6,292	2	3	*5*	16·5	24·8	*41·3*	66
Dinajpore	Dinajpore	7,254	5,306	12,560	4	1	*5*	16·6	4·1	*20·7*	400

Column 7: Mortality according to— Diseases: Deaths from—

2. Names of Municipalities	Cholera	Small-pox	Fever	Dysentery and diarrhœa	Injury	Other causes	*All causes*
Burdwan*	...	...	...	...	...	...	...
Raniganj	...	...	3	2	...	2	*7*
Bankura	...	...	2	1	...	3	*6*
Soori	...	...	7	...	...	...	*7*
Midnapore	1	...	6	7	...	7	*21*
Hughli and Chinsurah	...	...	40	7	1	3	*51*
Serampore	...	...	13	2	...	5	*20*
Utterpara	...	...	3	2	...	...	*5*
Howrah	7	...	36	11	...	12	*66*
Bali	1	...	13	...	...	11	*25*
Cossipore-Chitpore	9	...	23	2	...	10	*44*
Manicktolla*	...	...	...	...	...	...	...
Baranagore*	...	...	...	...	...	...	...
South Suburban*	...	...	...	...	...	...	...
Krishnagar	1	...	16	1	...	7	*25*
Ranaghat	...	...	8	...	...	6	*14*
Santipore	7	...	24	...	...	1	*32*
Jessore	...	...	9	...	...	...	*9*
Berhampore*	...	...	...	...	...	...	...
City Murshedabad*	...	...	...	...	...	...	...
Khulna	...	...	1	...	...	...	*1*
Dinajpore	...	...	9	2	...	2	*13*

Columns 8–12: Mortality according to— Diseases (ratio) and Sex

2. Names of Municipalities	8. Ratio per 1,000 of population per annum: Cholera	8. Small-pox	8. Fever	8. Dysentery and diarrhœa	8. Injury	8. Other causes	8. *All causes*	9. Ratio of deaths per 1,000 of population per annum in the preceding week	10. Sex, Deaths: Male	10. Female	11. Ratio per 1,000 of population per annum: Male	11. Female	12. Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population
Burdwan*	...	...	...	...	...	...	...	30·5	...	...	...	...	......
Raniganj	...	...	14·3	9·5	...	9·5	*33·3*	...	7	...	58·3	...	No female death.
Bankura	...	...	5·8	2·9	...	8·7	*17·4*	49·4	2	4	11·6	23·3	50
Soori	...	...	[illegible]	...	...	...	*46·4*	53·0	2	5	26·1	6[illegible]·3	39
Midnapore	1·5	...	9·3	10·8	...	10·5	*32·5*	38·7	14	7	43·0	21·9	196
Hughli and Chinsurah	...	...	65·6	11·5	1·6	4·9	*83·7*	...	29	22	95·1	72·3	131
Serampore	...	...	25·5	3·9	...	9·8	*39·3*	43·2	8	12	30·7	48·2	63
Utterpara	...	...	2[illegible]·3	18·9	...	...	*47·2*	122·7	4	1	68·3	21·1	323
Howrah	4·0	...	20·6	6·3	...	6·9	*37·8*	10·9	39	27	38·2	37·3	102
Bali	3·5	...	45·6	...	...	3[illegible]·6	*87·7*	7·0	16	9	106·2	67·1	158
Cossipore-Chitpore	17·8	...	45·5	3·9	...	19·8	*87·0*	41·5	24	20	77·6	101·8	76
Manicktolla*	...	...	...	...	...	...	...	23·6	...	...	...	...	...
Baranagore*	...	...	...	...	...	...	...	...	...	...	...	...	......
South Suburban*	...	...	...	...	...	...	...	...	...	...	...	...	......
Krishnagar	1·9	...	30·3	1·9	...	15·2	*47·3*	39·7	14	11	54·9	40·2	136
Ranaghat	...	...	47·9	...	...	35·9	*83·8*	47·9	8	6	103·3	67·0	154
Santipore	12·3	...	42·0	...	...	1·7	*56·1*	22·8	11	21	41·7	65·3	61
Jessore	...	...	55·1	...	...	...	*55·1*	12·2	5	4	53·8	56·8	94
Berhampore*	...	...	...	...	...	...	...	...	...	...	...	...	...
City Murshedabad*	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	...	...	8·3	...	...	...	*8·3*	...	...	1	...	17·1	No male death.
Dinajpore	...	...	37·8	8·3	...	8·3	*53·8*	70·4	9	4	64·5	39·2	

District	Town																														
Rajshahye ...	Rampore Beauleah	10,766	9,025	19,791	5	4	9	13·1	10·5	23·6	125	...	...	19	...	...	2	21	..	...	49·9	...	...	5·3	55·2	39·4	13	9	58·0	51·9	112
Rungpore ...	Rungpore	8,011	5,309	13,320	5	3	8	19·5	11·7	31·2	166	1	...	1	...	...	2	4	3·9	..	3·9	...	...	7·8	15·6	62·5	3	1	19·5	9·8	199
Bogra ...	Bogra	3,480	2,699	6,179	1	.	1	8·4	...	8·4	No female birth.	...	...	2	.	.	..	2	..	...	16·8	...	...	...	16·8	58·9	2	...	29·9	...	No female death.
Pubna ...	Pubna	7,701	7,566	15,267	10	6	16	34·1	20·4	54·5	166	...	.	11	.	1	5	17	.	.	37·5	...	3·4	17·0	57·9	20·4	9	8	60·8	55·0	110
	Serajganj	11,213	9,824	21,037	4	7	11	9·9	17·3	27·2	57	...	.	2	...	...	1	3	...		4·9	..	...	2·5	7·4	9·9	1	2	4·6	10·6	43
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	2	4	6	14·8	29·6	44·5	50	...		4	1	..	2	7	...	..	25·6	7·4	...	14·8	51·9	7·4	3	4	34·1	85·3	40
Julpaiguri ...	Julpaiguri ...	4,972	2,975	7,947	1	4	5	6·5	26·2	32·7	25	..	...	5	...	..	1	6	...		32·7	..	...	6·5	39·3	52·3	4	2	41·8	35·0	119
Dacca ..	Dacca	42,752	37,379	80,101	25	27	52	10·2	17·5	33·7	92	3	8	49	4	..	15	79	1·9	5·2	31·8	2·6	...	9·7	51·2	35·3	37	42	45·0	58·4	77
	Narainganj ..	7,625	4,956	12,581	3	8	11	12·4	33·1	45·5	37	...	..	2	1		3	6	.		8·3	4·1	...	12·4	24·8	37·3	5	1	34·2	10·5	325
Faridpore ...	Faridpore* ...	...	.	...	...	..	...	...	...	..	...	...	.	..	...	..	...	.			..	.	...	...	...	...	...	...	.	...	...
Backergunj ...	Barisal	8,701	4,485	13,186	3	3	6	11·8	11·5	23·7	100	..	.	5	1	...	3	9	...	.	19·7	3·9	...	11·8	35·5	23·7	7	2	41·8	23·2	180
Mymensing ...	Nasirabad* ...	...	...	...	...	...	..	...	..	...	...	..				...	...		...	...	.	..	...	...		...	...	...	...	..	...
Chittagong ...	Chittagong ..	13,349	8,790	22,139	11	10	21	25·8	23·5	49·3	110	...		6	...	...	...	6	...	...	14·1	...	...	...	14·1	9·4	4	2	15·6	11·8	132
Noakhali ..	Sudharam ...	3,410	1,714	5,124	4	2	6	40·6	20·2	60·9	200	1	.	.	1	.	...	2	10·1	.	...	10·1	...	...	20·2	10·1	...	2	...	60·7	No male death.
Tipperah ...	Comillah	8,153	5,353	13,506	5	8	13	19·3	30·8	50·1	62	...	..	7	...	...	5	12	...	..	26·9	..	...	19·3	46·2	77·0	4	8	25·5	77·7	33
Patna ...	Patna City ...	78,762	81,475	160,237	40	55	95	13·0	17·8	30·8	72	.	1	55	23	1	25	105	...	·3	17·8	7·5	·3	8·1	34·1	15·3	45	60	29·7	38·3	77
	Behar	23,789	25,172	48,071	14	15	29	14·9	15·9	30·8	93	...	2	7	2	...	4	15	..	2·1	7·4	2·1	...	4·2	15·9	...	7	8	15·3	16·5	92
Gya	Gya	38,290	37,831	76,121	26	19	45	17·7	13·0	30·7	137	...	..	27	2	...	10	39	...	...	18·4	1·4	...	6·8	26·6	30·1	24	15	32·6	20·6	158
Shahabad ...	Arrah	20,960	22,505	43,465	21	13	34	25·1	15·6	40·7	161	...	..	16	1	...	1	18	...		19·1	1·2	..	1·2	21·5	26·3	10	8	24·8	18·5	134
	Buxar	9,299	8,369	17,669	2	6	8	5·9	17·6	23·5	33	...	..	5	1	..	7	13	...	.	14·7	2·9	...	20·6	38·2	11·8	5	8	28·0	49·7	56
Mozufferpore ..	Mozufferpore ...	23,084	19,658	42,742	15	13	28	18·2	15·8	34·1	115	...	.	8	3	...	9	20	...	.	9·7	3·6	...	10·9	24·3	4·9	9	11	20·3	29·1	70
Durbhunga ...	Durbhunga .	33,774	32,322	66,096	21	33	54	16·5	26·0	42·5	63	...		26	6	...	6	40	...	...	20·5	6·3	...	4·7	31·5	26·0	20	20	30·8	32·2	95
Sarun ...	Chupra .. .	25,116	26,554	51,670	18	20	38	18·1	20·1	38·2	90	..		11	5	...	9	25	...	..	11·1	5·0		9·1	25·2	24·2	11	14	22·8	27·4	83
Chumparun ..	Motihari	6,325	3,982	10,307	4	2	6	20·2	10·1	30·3	200	...	.	6	3	1	2	12	..	...	30·3	15·1	5·0	10·1	60·5	65·6	6	6	49·3	78·4	63
Monghyr ...	Monghyr	28,154	29,366	57,520	20	24	44	18·1	21·7	39·8	83	...	..	27	10	...	2	39		..	24·4	9·0	...	1·8	35·8	20·8	23	16	42·5	25·3	150
	Jamalpore .	7,456	6,107	13,563	9		11	34·5	7·6	42·2	450	...	...	4	...	...	1	5	...	...	15·3	...	...	3·8	19·1	26·5	3	2	20·9	17·0	123
Bhagulpore ...	Bhagulpore ...	34,916	33,322	68,238	38	37	75	29·0	28·2	57·2	102	...	.	56	13	...	7	76	...	...	42·7	9·9	...	5·3	57·9	40·4	40	36	59·6	56·2	106
Purneah ..	Purneah	8,463	6,553	15,016	5	6	11	17·3	20·8	38·1	83	...	.	4	...	...	2	6	.	..	13·9	...	...	6·9	20·8	20·8	6	...	35·9	...	No female death.
Maldah	English Bazar .	6,289	6,141	12,430	1	1	2	4·3	4·2	8·4	100	1	..	17	2	...	1	21	4·2	...	71·[illegible]	8·3	...	4·2	87·8	16·7	13	8	107·5	67·9	158
Sonthal Pergunnahs.	Deoghur .	4,064	3,941	8,005	2	2	4	13·0	13·0	26·0	100		...	4	1	...	1	6	...	.	26·0	6·5	..	6·5	39·0	78·0	2	4	21·0	68·4	30
Cuttack ..	Cuttack	22,632	20,607	43,239	8	10	18	9·6	12·0	21·6	80	1	6	9	2	...	11	29	1·2	7·2	10·8	2·4	...	13·2	34·9	33·7	14	15	32·2	37·9	85
Poori ...	Poori	13,247	11,537	24,784	7	9	16	14·7	18·9	33·6	77	1	1	11	6	...	10	29	2·1	2·1	23·0	12·6	..	21·0	60·8	58·7	21	8	31·4	36·1	228
Balasore ...	Balasore	10,282	9,983	20,265	9	6	15	23·1	15·4	38·5	150	..	..	2	5	.	6	13	.	...	5·1	12·8	..	15·4	33·4	...	7	6	35·4	31·3	113
Hazaribagh ...	Hazaribagh ...	7,639	7,667	15,306	4	8	12	13·6	27·2	40·8	50	...	.	7	1	..	...	8	.	..	23·8	3·4	..	...	27·2	30·6	6	2	40·8	13·6	300
Lohardugga ..	Ranchi	10,101	8,342	18,413	8	5	13	22·6	14·1	36·7	160	...	..	1	...	..	1	2	...	..	2·8	...	...	2·8	5·6	36·7	1	1	5·1	6·2	83
Singbhum ...	Chaibassa	3,126	2,880	6,006	..	1	1	...	8·6	8·6	No male birth.	...		3	...	...	1	4	...		26·0	...	..	8·6	34·6	8·6	1	3	16·6	54·2	33
Manbhum ...	Purulia	5,060	4,244	9,304	3	2	5	16·8	11·1	27·9	150	...	...	2	1	...	3	6	.		11·1	5·6	...	16·8	33·5	50·3	5	1	51·4	12·3	417
	Total ...	748,443	677,229	1,425,672	483	498	981	17·6	15·2	35·8	96	34	15	634	134	4	227	1,051	1·2	·7	25·1	4·9	·1	8·3	38·3	27·2	562	489	39·0	37·5	104

* Return not received up to date.

DISTRICTS.	NAMES OF MUNICIPALITIES.	13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
		DEATHS AMONG—					RATIO PER 1,000 OF POPULATION PER ANNUM.					DEATHS.										RATIO PER 1,000 OF POPULATION PER ANNUM.									
		Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Raniganj	...	7	...	...	...	...	40·8	...	...	...	...	...	...	...	...	2	2	1	2	...	...	...	...	...	...	42·9	43·8	41·6	172·2	...
Bankura ...	Bankura	...	6	...	...	...	...	19·0	...	...	...	...	...	...	...	...	...	3	1	2	...	...	...	...	...	...	...	59·1	28·5	94·0	...
Birbhum ...	Soori	...	3	4	...	...	...	26·7	104·5	...	...	...	1	...	1	...	3	1	...	...	1	...	83·3	...	59·9	...	110·5	42·6	...	...	108·8
Midnapore ...	Midnapore ...	...	15	6	...	...	...	30·1	43·2	...	...	...	1	1	...	1	3	1	6	3	5	...	22·1	13·9	...	16·5	21·2	9·4	53·7	75·6	142·1
Hughli, including Serampore.	Hughli and Chinsurah.	...	31	20	...	...	...	63·8	168·7	...	...	10	3	5	3	2	2	7	6	8	5	647·6	70·3	90·1	62·9	41·4	16·8	63·8	74·8	160·0	125·4
	Serampore	1	19	...	...	...	163·0	39·2	...	...	...	1	6	2	1	...	5	2	...	2	1	73·2	172·9	41·4	23·4	...	48·3	20·9	...	54·3	37·4
	Utterpara	...	5	...	...	...	...	48·8	...	...	...	1	...	...	1	...	...	2	...	1	...	323·0	...	...	108·6	...	...	98·0	...	141·3	...
Howrah ...	Howrah	...	54	12	...	...	...	41·2	30·4	...	...	6	7	5	3	5	10	13	5	5	7	151·2	65·7	41·3	23·7	35·5	22·9	35·1	22·1	47·4	97·0
	Bali	...	25	...	...	...	...	96·9	...	...	...	5	1	2	1	1	4	1	1	3	6	718·2	52·1	97·6	43·8	33·0	62·1	18·6	23·9	148·9	426·2
24-Pergunnahs.	Cossipore-Chitpore	...	29	15	...	...	...	82·5	99·0	...	...	9	7	3	1	1	5	3	4	2	9	979·1	412·7	199·0	20·6	57·3	27·3	24·4	83·1	106·9	1,000·0
	Manicktola* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Baranagore* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South Suburban*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nuddea ...	Krishnagar ...	2	14	9	...	...	183·4	39·1	56·5	...	...	8	3	1	1	1	1	3	1	4	2	838·7	63·2	15·1	18·5	25·3	10·8	36·4	15·9	98·7	60·2
	Ranaghat	...	14	...	...	...	...	99·5	...	...	...	5	2	...	...	1	1	2	...	1	2	1,256·0	131·8	...	...	83·5	34·5	83·4	...	71·8	182·8
	Santipore ...	...	18	14	...	...	...	45·2	51·4	...	...	3	2	3	3	2	1	3	6	2	7	184·6	35·9	41·3	53·8	46·7	10·6	33·0	85·8	45·2	185·3
Jessore ...	Jessore	...	3	6	...	...	...	34·6	81·6	...	...	...	1	2	...	...	2	2	...	...	2	...	105·3	131·1	...	...	51·6	68·0	...	...	227·1
Murshedabad.	Berhampore* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	City Murshedabad*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna ...	Khulna	...	1	...	...	...	...	16·3	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	165·1
Dinajpore ...	Dinajpore ...	...	5	8	...	...	...	42·9	64·9	...	...	...	...	...	...	...	4	4	3	1	1	...	...	...	...	...	77·2	84·1	99·5	62·7	61·4
Rajshahye ...	Rampore Beauleah	...	11	10	...	...	...	57·7	53·0	...	...	4	4	2	3	1	1	3	2	1	...	512·3	146·7	50·0	86·6	31·3	12·5	43·3	42·4	41·9	...
Rungpore ...	Rungpore ...	...	3	1	...	...	...	24·1	7·8	...	...	...	...	...	...	1	...	1	1	...	1	...	...	...	...	48·4	...	18·9	32·9	...	101·0
Bogra ...	Bogra ...	...	1	1	...	...	...	19·5	15·0	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	39·4	...	...	...	165·6

District	Station																														
Pubna ...	Pubna ...	...	5	12	...	...	...	36·4	77·0	...	...		2	3	...	...	3	3	1		2	263·0	71·3	92·4	...	...	53·7	68·5	30·5	51·4	104·5
	Serajganj	...	2	1	...	...	...	12·1	4·2	...	...	...	1	1	...	...	...	...	1	...	...	...	21·8	17·0	...	...	...	...	23·2	...	...
Darjeeling ...	Darjeeling	...	4	3	...	...	...	45·3	254·9	...	...	3	1	...	...	1	...	...	...	1	1	1,289·3	80·9	...	...	81·3	...	...	...	213·1	307·7
Julpaiguri ...	Julpaiguri	...	3	3	...	...	...	36·7	42·8	...	...	3	1	...	...	...	1	1	...	...	...	1,061·2	70·6	...	...	...	28·7	34·5	...	...	...
Dacca ...	Dacca ...	1	32	46	...	...	109·5	41·3	60·8	...	...	16	11	9	3	2	10	5	8	6	9	436·4	77·6	47·2	19·6	14·2	33·9	22·3	49·6	65·9	84·0
	Narainganj	...	3	3	...	...	...	24·7	25·3	...	...	2	1	...	...	...	1	...	1	1	...	372·8	45·6	...	...	...	19·5	...	37·3	66·5	...
Faridpore ...	Faridpore*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Backerganj ...	Barisal ...	...	4	5	...	...	...	34·4	33·1	...	...	3	...	...	...	1	1	1	1	1	1	795·9	...	...	...	41·1	16·4	20·8	34·2	58·3	91·7
Mymensing ...	Nasirabad*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	Chittagong	...	...	5	1	...	...	...	17·0	216·7	...	...	1	...	...	...	1	...	1	1	2	...	26·4	...	...	...	11·2	...	23·0	47·9	130·7
Noakhali ...	Sudharam	...	...	2	...	...	...	...	41·1	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	59·6	101·8	...	...
Tipperah ...	Comillah ...	...	2	10	...	...	...	17·5	70·4	...	...	3	1	1	...	...	...	...	2	...	5	525·3	39·8	31·9	...	...	...	...	79·1	...	353·5
Patna ...	Patna City	1	86	18	...	...	146·5	37·3	22·9	...	...	22	15	7	2	4	5	6	6	10	28	265·4	53·4	21·6	7·2	18·6	9·0	13·4	16·6	36·8	105·4
	Behar* ...	...	11	4	...	...	...	17·0	13·6	...	...	3	3	1	...	...	3	1	4	...	...	105·1	26·9	8·6	...	...	18·4	7·4	40·4	...	...
Gya ...	Gya ...	...	32	7	...	...	...	27·7	22·6	...	...	11	3	1	...	...	4	3	2	3	12	319·6	24·6	7·4	...	...	14·1	12·3	10·6	23·7	121·2
Shahabad ...	Arrah ...	...	13	5	...	...	...	21·8	21·0	...	...	3	1	1	1	...	3	2	1	5	1	121·1	11·7	10·1	11·8	...	19·9	16·2	11·1	84·0	18·0
	Buxar ...	...	11	2	...	...	...	41·1	28·9	...	...	6	...	...	...	...	3	...	3	1	...	751·8	...	...	...	...	48·8	...	73·5	47·2	...
Mozufferpore ...	Mozufferpore	...	14	6	...	...	...	24·2	25·0	...	...	7	...	2	1	1	1	...	...	5	3	381·2	...	23·1	13·1	17·2	6·1	...	...	80·1	64·1
Durbhanga ...	Durbhanga	...	26	14	...	...	...	27·9	41·4	...	...	8	6	3	4	1	3	2	1	3	9	267·2	41·0	19·9	37·4	12·9	11·7	9·3	7·0	35·6	146·5
Sarun ...	Chupra ...	...	20	5	...	...	...	26·2	21·8	...	...	1	4	2	1	2	4	2	...	4	5	36·8	40·3	14·7	10·4	30·0	22·5	11·7	...	50·3	76·4
Chumparun ...	Motihari ...	...	8	4	...	...	...	55·3	75·1	...	...	1	4	3	1	...	2	...	...	1	...	379·6	211·8	141·2	39·9	...	51·6	...	...	55·7	...
Monghyr ...	Monghyr ...	1	27	11	...	...	218·5	31·4	45·5	...	...	5	1	6	3	...	4	2	4	4	10	175·1	6·4	44·2	27·2	...	20·1	11·7	32·6	52·3	145·0
	Jamalpore	...	5	...	...	...	...	26·5	...	...	...	1	...	2	...	...	...	...	...	...	2	146·5	...	60·2	...	...	...	...	...	...	155·9
Bhagulpore ...	Bhagulpore	...	55	21	...	...	...	58·5	57·9	...	...	18	8	6	...	1	3	7	5	11	17	652·3	64·1	44·2	...	10·5	12·0	33·1	34·0	112·8	205·4
Purneah ...	Purneah ...	...	5	1	...	...	...	23·3	9·2	...	...	...	3	...	...	...	1	1	...	1	...	...	129·1	...	...	...	15·3	18·2	...	55·5	...
Maldah ...	English Bazar	...	10	11	...	...	...	71·5	111·2	...	...	1	2	1	...	1	3	4	3	1	5	176·3	109·2	34·6	...	48·9	67·9	96·7	106·0	69·5	369·3
Sonthal Pergunnahs.	Deoghur ...	...	6	...	...	...	...	40·5	...	...	...	...	2	...	...	...	1	...	1	1	1	...	181·9	...	...	...	27·6	...	55·5	104·2	136·1
Cuttack ...	Cuttack ...	...	21	8	...	...	...	32·5	54·0	...	...	6	3	6	...	1	1	1	2	3	6	304·1	41·7	62·7	...	12·9	6·0	8·5	22·9	50·6	105·8
Poori ...	Poori ...	...	29	...	...	...	...	61·5	...	...	...	2	3	1	...	1	2	8	6	3	3	*343·2	56·8	28·2	...	28·0	19·7	102·6	93·9	69·9	86·4
Balasore ...	Balasore ...	...	11	2	...	...	...	34·0	33·9	...	...	5	...	1	...	...	2	1	1	2	1	491·5	...	20·3	...	...	25·5	17·8	23·4	81·2	44·9
Hazaribagh ...	Hazaribagh	1	6	1	...	...	318·3	28·4	12·6	...	...	5	1	...	...	...	1	...	...	...	1	533·9	28·6	...	...	...	20·0	...	...	...	62·1
Lohardugga ...	Ranchi ...	...	1	1	...	...	...	5·6	9·6	...	...	...	1	...	...	...	...	...	...	1	...	...	28·2	...	...	...	...	...	...	53·0	...
Singbhum ...	Chaibassa ...	...	4	...	...	...	...	40·6	...	...	...	3	...	1	...	...	...	...	...	...	...	963·0	...	60·7	...	...	...	...	...	...	...
Manbhum ...	Purulia ...	1	4	1	...	...	204·8	26·7	41·7	...	...	2	2	...	...	...	1	1	...	...	...	587·6	116·7	...	...	...	26·1	30·7	...	...	...
	TOTAL ...	8	724	313	1	...	32·6	37·5	40·9	25·4	...	194	119	84	31	32	109	105	99	107	175	296·2	48·6	29·7	13·4	15·4	29·8	23·2	29·3	55·6	106·2

* Return not received up to date.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 1st February 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.*,

Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1891-92.

Areas leased for irrigation up to end of November 1891.

Circle.	District.	Canal.	Estimated full discharge.	Average discharge in month.	Discharge utilised.	Approximate area of land irrigated during the year up to the end of the month.	Approximate area of land under irrigation up to the same date last year.	Details of areas leased: Five years, all crops.	Five years, kharif.	Annual leases: Kharif.	Rabi.	Sugarcane.	Bhadoi.	Hot-weather.	Total.	Grand Total.	Rainfall, 1891-92: During month.	Up to end of month.	Rainfall, 1890-91: During month.	Up to end of month.	Remarks.
			C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	Inches.	Inches.	
Orissa	Cuttack	Taldunda, 1st reach	1,342	169	17 (for both reaches)	10,537	10,544	......	10,590	......	273	21	......	......	294	10,884	16·95	76·60	0·95	70·68	
		Ditto, 2nd "	566	33																	
		Machgong	776	132	55	33,358	30,569	......	30,899	......	63	4	......	......	67	31,966	9·30 4·00	62·19 51·96	1·75 0·50	58·03 64·50	
		Kendrapara	1,067	578	231	46,767	51,422	......	51,976	......	3,307	50	......	......	3,357	55,333	*	48·93	0·40	52·36	* Not recorded, the rain gauge having been washed away during the late cyclone.
		Gobri	372·82	49·82	30·97	3,063	5,059	......	3,264	......	74	......	......	......	74	3,338	16·12	73·33	0·59	52·45	
		Do. Extension	648	142·81	112·81	3,633	4,068	......	3,418	......	20	......	......	......	20	3,438	No rain gauge		No gauge fixed.		
		Pattamoondi	885	174·53	61·72	13,541	12,645	......	12,754	......	44	......	......	......	44	12,798	Ditto.		...		
		High Level, Range I	608	229	72	21,173	20,611	......	22,010	......	17	11	......	......	28	22,038	1·95	42·54	0·05	45·90	
		Ditto, ditto II	726·16	......	......	2,732	2,526	......	2,514	......	62	......	......	......	62	2,576	No rain gauge		......	......	
		Jajepore Canal	700	......	......	1,366	......	......	662	5	......	......	......	......	5	667	......	......	......	......	
	Balasore	High Level Canal, Range III	726·16	86	83	37,201	36,441	......	40,690	......	1	174	......	......	175	40,865	4·74	62·00	0·61	43·33	
		Total	......	......	......	173,371	174,185	......	175,827	5	3,561	260	......	......	4,126	182,973	......	......	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	......	177,669	......	4,264	214	......	......	4,478	182,147	......	......	......	......	
South-Western.	Midnapore	Midnapore	1,411	398	354	76,673	75,861	......	76,254	......	......	......	......	......	......	76,254	0·18	54·92	0·00	49·63	Whole month discharging.
		Panchkoora	523	80	37	5,258	4,615	......	5,568	......	......	......	......	......	......	5,568	0·55	41·60	0·00	49·18	14 days discharging.
	Howrah	Tidal Beaches, Ranges I-II	......	......	......	375	363	......	376	......	......	......	......	......	......	376	......	......	......	......	
		Total	......	......	......	82,306	80,839	......	82,198	......	......	......	......	......	......	82,198	......	......	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	......	79,395	47	......	......	......	......	47	79,442	......	......	......	*	
Sone	Shahabad	Western Main	4,342	1,349	323	27,993	14,070	14,201	......	1,385a	26,043	105	......	155	27,681	41,882	...... (Western Main and Buxar)	18·92	......	50·73	a The decrease is due to area converted into 5-years' leases.
		Buxar	1,226	844	498	77,044	58,112	57,894	......	3,583a	35,587	135	26	2,864	41,945	99,839					
		Arrah	2,060	1,847	1,464	138,002	124,066	100,683	......	18,257a	12,243	570	109	6,954	38,192	138,875	......	23·99	......	62·93	
	Patna and Gya.	Eastern Main	1,466 (Eastern Main and Patna)	673	537	2,203	1,626	1,265	......	520	448	8	1	......	977	2,242	...... (Eastern Main and Patna)	34·01	......	59·53	
		Patna				77,351	57,115	43,768	......	27,694a	6,948	280	324	......	35,246	78,954					
		Total	......	......	......	322,593	254,989	217,751	......	51,191	81,259	1,098	520	9,973	144,041	361,792	......	......	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	203,461	......	39,433	5,263	3,907	360	8,444	57,407	260,868	......	......	......	......	
		Grand Total	......	......	......	578,270	510,013	217,751	261,025	51,196	85,120	1,358	520	9,973	148,167	626,943	......	......	......	......	
		Grand Total of the corresponding period of last year	......	......	......	......	......	203,461	257,064	39,480	9,527	4,121	360	8,444	61,932	522,457	......	......	......	......	

CALCUTTA,
The 1st February 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT,—BENGAL.

IRRIGATION.

Statement showing heights over mean sea-level and low-water in the Rivers Ganges, Bhagiruthee, Jellinghee, and Brahmapootra, for the month of December 1891.

Date.		River Ganges.																River Bhagiruthee.		River Jellinghee.		River Brahmapootra.	
		Mirzapur.		Benares.		Buxar.		Dinapur.		Monghyr.		Sahebgunge.		Rampore Beauleah.		Goalundo.		Berhampore.		Sarupgunge.		Gowhatty.	
	Miles.	88		134	48	90		177	87	287	110	381	94	471	90	591	120						
	Distance.	From Allahabad		From Allahabad	From Mirzapur	From Benares		From Benares	From Buxar ...	From Benares	From Dinapur	From Benares	From Monghyr	From Benares	From Sahebgunge ...	From Benares	From Rampore Beauleah ...						
		Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.
1st ...	...	6·83	213·05	4·83	201·63	5·25	174·30	11·40	145·63	3·42	105·27	3·08	71·08	3·67	45·67	4·92	13·86	6·54	40·28	6·08	10·38	1·30	150·06
2nd ...	...	7·00	213·22	4·83	201·63	5·17	174·22	11·30	145·53	3·33	105·18	2·92	70·92	3·54	45·54	4·83	13·77	6·42	40·16	5·08	9·38	1·20	149·96
3rd ...	...	7·00	213·22	4·79	201·59	5·08	174·13	11·25	145·48	3·21	105·06	2·83	70·83	3·42	45·42	4·83	13·77	6·29	40·03	5·75	10·05	1·10	149·86
4th ...	...	6·83	213·05	4·75	201·55	5·00	174·05	11·15	145·38	3·08	104·93	2·75	70·75	3·33	45·33	4·83	13·77	6·17	39·91	5·83	10·13	1·20	149·96
5th ...	...	6·75	212·97	4·75	201·55	4·92	173·97	11·10	145·33	3·00	104·85	2·58	70·58	3·21	45·21	4·75	13·69	6·04	39·78	5·71	10·01	1·30	150·06
6th ...	...	6·67	212·89	4·75	201·55	4·83	173·88	11·05	145·28	2·88	104·73	2·42	70·42	3·08	45·08	4·67	13·61	5·96	39·70	5·67	9·97	1·30	150·06
7th ...	...	6·58	212·80	4·75	201·55	4·75	173·80	11·00	145·23	2·79	104·64	2·33	70·33	3·00	45·00	4·58	13·52	5·83	39·57	5·25	9·55	1·20	149·96
8th ...	...	6·50	212·72	4·75	201·55	4·67	173·72	10·90	145·13	2·67	104·52	2·25	70·25	2·92	44·92	4·50	13·44	5·75	39·49	4·75	9·05	1·30	150·06
9th ...	...	6·25	212·47	4·71	201·51	4·58	173·63	10·80	145·03	2·58	104·43	2·08	70·08	2·79	44·79	4·33	13·27	5·63	39·37	4·58	8·88	1·10	149·86
10th ...	...	6·17	212·39	4·67	201·47	4·50	173·55	10·70	144·93	2·46	104·31	2·00	70·00	2·67	44·67	4·08	13·02	5·46	39·20	4·50	8·80	1·10	149·86
11th ...	...	6·00	212·22	4·63	201·43	4·42	173·47	10·60	144·83	2·29	104·14	1·83	69·83	2·58	44·58	3·92	12·86	5·29	39·03	4·58	8·88	1·40	150·16
12th ...	...	5·92	212·14	4·63	201·43	4·33	173·38	10·60	144·83	2·21	104·06	1·67	69·67	2·54	44·54	3·83	12·77	5·13	38·87	4·58	8·88	1·40	150·16
13th ...	...	5·83	212·05	4·54	201·34	4·25	173·30	10·60	144·83	2·08	103·93	1·58	69·58	2·50	44·50	3·75	12·69	4·96	38·70	4·67	8·97	1·20	149·96
14th ...	...	5·67	211·89	4·42	201·22	4·17	173·22	10·55	144·78	2·00	103·85	1·42	69·42	2·46	44·46	3·75	12·69	4·79	38·53	4·75	9·05	1·30	150·06
15th ...	...	5·58	211·80	4·25	201·05	4·08	173·13	10·50	144·73	1·96	103·81	1·33	69·33	2·42	44·42	3·75	12·69	4·63	38·37	4·67	8·97	1·20	149·96
16th ...	...	5·50	211·72	4·08	200·88	4·00	173·05	10·50	144·73	1·83	103·68	1·25	69·25	2·33	44·33	3·67	12·61	4·54	38·28	4·59	8·88	1·20	149·96
17th ...	...	5·33	211·55	3·92	200·72	3·92	172·97	10·45	144·68	1·75	103·60	1·08	69·08	2·25	44·25	3·58	12·52	4·50	38·24	4·25	8·55	1·10	149·86
18th ...	...	5·25	211·47	3·83	200·63	3·83	172·88	10·30	144·53	1·71	103·56	1·00	69·00	2·17	44·17	3·50	12·44	4·46	38·20	4·00	8·30	1·10	149·86
19th ...	...	5·17	211·39	3·58	200·58	3·75	172·80	10·20	144·43	1·58	103·43	0·92	68·92	2·13	44·13	3·42	12·36	4·44	38·18	3·92	8·22	1·30	150·06
20th ...	...	5·08	211·30	3·25	200·05	3·67	172·72	10·10	144·33	1·50	103·35	0·83	68·83	2·08	44·08	3·33	12·27	4·42	38·16	3·75	8·05	1·20	149·96
21st ...	...	5·00	211·22	2·83	199·63	3·58	172·63	10·10	144·33	1·46	103·31	0·67	68·67	2·04	44·04	3·25	12·19	4·42	38·16	3·67	7·97	1·30	150·06
22nd ...	...	5·00	211·22	2·58	199·38	3·50	172·55	10·00	144·23	1·38	103·23	0·58	68·58	2·00	44·00	3·17	12·11	4·38	38·12	3·59	7·88	1·10	149·86
23rd ...	...	5·33	211·55	2·50	199·30	3·42	172·47	10·00	144·23	1·33	103·18	0·50	68·50	1·96	43·96	3·08	12·02	4·33	38·07	3·42	7·72	1·10	149·86
24th ...	...	5·75	211·97	2·42	199·22	3·33	172·38	9·85	144·08	1·25	103·10	0·43	68·42	1·92	43·92	3·00	11·94	4·29	38·03	3·33	7·63	1·00	149·76
25th ...	...	5·67	211·89	2·42	199·22	3·25	172·30	9·80	144·03	1·17	103·02	0·25	68·25	1·88	43·88	2·92	11·86	4·21	37·95	3·21	7·51	1·00	149·76
26th ...	...	5·50	211·72	2·33	199·13	3·17	172·22	9·75	143·98	1·04	102·89	0·17	68·17	1·83	43·83	2·83	11·77	4·08	37·82	3·17	7·47	1·20	149·96
27th ...	...	5·42	211·64	2·25	199·05	3·08	172·13	9·70	143·93	1·00	102·85	0·08	68·08	1·79	43·79	2·75	11·69	3·96	37·70	3·17	7·47	1·20	149·96
												Below zero.											
28th ...	...	5·33	211·55	2·17	198·97	3·00	172·05	9·60	143·83	0·92	102·77	0·08	67·92	1·75	43·75	2·67	11·61	3·88	37·62	3·13	7·43	1·10	149·86
29th ...	...	5·33	211·55	2·09	198·88	2·92	171·97	9·60	143·83	0·79	102·64	0·17	67·83	1·71	43·71	2·75	11·69	3·83	37·57	3·42	7·72	1·10	149·86
30th ...	...	5·25	211·47	2·00	198·80	2·83	171·88	9·50	143·73	0·71	102·56	0·25	67·75	1·67	43·67	2·67	11·61	3·79	37·53	3·50	7·80	1·00	149·76
31st ...	...	5·17	211·39	1·92	198·72	2·75	171·80	9·40	143·63	0·67	102·52	0·33	67·67	1·63	43·63	2·67	11·61	3·75	37·49	3·42	7·72	1·00	149·76

CALCUTTA,
The 1*st February* 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Major Works for the month of November 1891, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1891-92. During the month.			TOLLAGE, 1891-92. To end of the month.			TOLLAGE, 1890-91. During the month.			TOLLAGE, 1890-91. To end of the month.		
Orissa Circle.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Taldunda Canal System	107	5	5	3,224	6	9	40	11	6	1,710	9	8
Kendrapara ditto	7,994	10	10	57,351	14	7	7,634	10	7	49,359	8	10
High Level, Range I	989	4	3	6,512	12	6	907	13	0	6,588	10	6
Ditto „ II	230	7	3	1,444	2	6	170	14	6	2,035	1	9
Ditto „ III	141	6	8	1,021	13	11	122	14	2	1,497	9	2
Jajepore Canal ...	23	3	0	150	14	3	18	7	6	195	14	9
Total Orissa Circle ...	9,486	5	5	69,706	0	6	8,895	7	3	61,387	6	8
South-Western Circle.												
Midnapore Canal	9,687	15	9	68,391	9	9	7,490	11	3	77,002	0	6
Hidgellee Tidal Canal .	2,668	13	3	16 410	8	9	2,525	0	6	24,118	6	6
Total South-Western Circle	12,356	13	0	84,802	2	6	10,015	11	9	1,01,120	7	0
Sone Circle.												
Patna Canal System ...	866	5	3	17,435	13	0	2,292	11	0	15,884	0	2
Arrah ditto ...	693	10	6	15,225	8	6	983	5	3	12,577	12	6
Buxar ditto ...	449	5	6	7,364	9	0	811	15	0	6,394	2	9
Total Sone Circle ...	2,009	5	3	40,025	14	6	4,087	15	3	34,855	15	5
GRAND TOTAL ...	23,852	7	8	1,94,534	1	6	22,999	2	3	1,97,363	13	1

Government Transport Service.

CANAL.	TOLLAGE, 1891-92. During the month. Passengers.	Goods.	Total receipts.	TOLLAGE, 1891-92. To end of the month. Passengers.	Goods.	Total receipts.	TOLLAGE, 1890-91. During the month. Passengers.	Goods.	Total receipts.	TOLLAGE, 1890-91. To end of the month. Passengers.	Goods.	Total receipts.
Orissa Circle.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level ...	1,062	944	1,211 5 5	7,008	6,028	7,029 13 4	1,100	632	1,057 4 11	7,258	5,381	7,447 0 8
Total Orissa Circle	1,062	944	1,211 5 5	7,008	6,028	7,029 13 4	1,100	632	1,057 4 11	7,258	5,381	7,447 0 8

Total Navigation Receipts.

CANALS.	EARNINGS, 1891-92. During the month.			EARNINGS, 1891-92. To end of the month.			EARNINGS, 1890-91. During the month.			EARNINGS, 1890-91. To end of the month.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Orissa Canals ...	10,697	10	10	76,735	13	10	9,952	12	2	68,834	7	4
Midnapore Canal ...	9,687	15	9	68,391	9	9	7,490	11	3	77,002	0	6
Hidgellee Tidal Canal ...	2,668	13	3	16,410	8	9	2,525	0	6	24,118	6	6
Sone Canals ...	2,009	5	3	40,025	14	6	4,087	15	3	34,855	15	5
Total ...	25,063	13	1	2,01,563	14	10	24,056	7	2	2,04,810	13	9

CALCUTTA,
The 1st February 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH, BENGAL.

Abstract Statement showing Tollage on Canals in Bengal classed as Minor Works and Navigation for the month of November 1891, *as compared with that of the corresponding month of the previous year.*

CANALS.	TOLLAGE, 1891-92.						TOLLAGE, 1890-91.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Calcutta and Eastern Canals	36,418	1	3	2,16,853	10	3	43,706	13	3	2,01,150	13	9
Tolly's Nullah ...	8,503	2	9	68,408	11	9	10,083	7	0	67,458	14	9
Total ...	44,921	4	0	2,85,262	6	0	53,790	4	3	2,68,609	12	6
Orissa Coast Canal ...	3,155	11	3	32,026	7	3	3,620	3	6	41,426	5	6
Nuddea Rivers ...	13,639	13	6	1,55,952	12	0	14,274	12	3	1,54,473	15	3
GRAND TOTAL ...	61,716	12	9	4,73,241	9	3	71,685	4	0	4,64,510	1	3

CALCUTTA,
The 1*st February* 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 30*th January* 1892, *as compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 30TH JANUARY 1892.			WEEK ENDING SATURDAY, THE 31ST JANUARY 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	1,574	4,02,333	6,952	2,233	4,06,400	6,896
Jute	26	15,400	283	184	1,01,200	1,750
Firewood	94	54,100	835	97	54,900	836
Other articles	956	2,07,973	3,065	1,078	2,26,855	3,249
Total ...	2,650	6,79,806	11,135	3,592	7,89,855	12,73[illegible]

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 23rd *January* 1892, *on* 1,525¼ *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*256,443	*2,99,084 7 0	24,18,545 30	5,90,465 3 0	21,049 3 0	9,10,598 13 0	71,342½	95,270½	166,613½
Or per mile of railway	......	196 0 11	......	387 1 0	13 12 9	596 14 8	......	......	......
For previous 2 weeks of half-year	567,606	6,66,067 5 0	59,48,859 20	13,61,818 14 0	45,479 5 0	20,73,395 8 0	162,987½	226,989½	389,076¾
Total for 3 weeks ...	824,049	9,65,151 12 0	83,67,405 10	19,52,314 1 0	66,528 8 0	29,83,994 5 0	234,330¼	322,259¾	556,590
Comparison.									
Total for corresponding week of previous year	240,125½	2,78,369 6 8	25,66,835 0	6,22,054 0 0	19,644 3 5	9,20,067 10 1	71,711	97,076	168,787
Per mile of railway corresponding week of previous year ...	......	182 7 8	......	407 12 4	12 14 0	603 2 0	......	......	......
Total to corresponding date of previous year	851,115	10,03,317 9 3	83,29,639 10	20,37,306 7 3	64,792 0 2	31,05,476 0 8	218,665	318,271	566,936

* The increase in coaching is due to pilgrims from "Gunga Shagore" and on account of "Magh mela."

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 23rd *January* 1892, *on* 57⅛ *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	13,902	7,483 13 0	34,875 30	2,343 8 0	57 0 0	9,884 5 0	1,832	562	2,394
Or per mile of railway	243	130 13 5	609 30	40 15 6	0 15 11	172 12 10	......	......	......
For previous 2 weeks of half-year	32,746	17,803 8 0	91,316 10	6,445 2 0	114 0 0	24,362 10 0	4,029	1,443	5,472
Total for 3 weeks ...	46,648	25,287 5 0	1,26,192 0	8,788 10 0	171 0 0	34,246 15 0	5,861	2,005	7,866
Comparison.									
Total for corresponding week of previous year	13,886½	8,096 14 4	42,222 30	2,527 12 0	39 11 9	10,664 6 1	1,841	553	2,394
Per mile of railway corresponding week of previous year ...	243	141 8 11	738 10	44 3 1	0 11 1	186 7 1	......	......	......
Total to corresponding date of previous year	62,306	37,017 11 10	1,45,949 20	9,501 10 0	198 13 9	46,718 3 7	5,436	2,899	8,335

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 23rd *January* 1892, *on* 22¼ *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	20,867	5,321 10 0	14,045 20	507 6 9	12 0 0	5,841 0 9	891	77	968
Or per mile of railway	......	239 2 9	......	22 12 11	0 8 8	262 8 4	......	......	......
For previous 2 weeks of half-year	41,661	10,510 12 0	23,227 0	899 1 0	34 0 0	11,443 13 0	2,025	197	2,222
Total for 3 weeks ...	62,528	15,832 6 0	37,272 20	1,406 7 9	46 0 0	17,284 13 9	2,916	274	3,190
Comparison.									
Total for corresponding week of previous year	21,008½	5,360 2 1	12,549 10	428 5 0	3 12 0	5,792 3 1	891	77	968
Per mile of railway corresponding week of previous year ...	......	240 14 6	......	19 4 0	0 2 8	260 5 2	......	......	......
Total to corresponding date of previous year	65,702½	16,552 9 11	86,515 10	1,278 8 0	18 4 3	17,819 6 2	3,085	237	3,322

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 23rd January 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	13,284	9,204 6 0	46,304 30	7,984 3 0	75 0 0	17,263 9 0	5,747½	2,138	7,885½
Or per mile of railway	......	56 13 1	......	49 4 7	0 7 5	106 9 1	......	......	......
For previous 2 weeks of half-year	27,913	22,683 4 0	1,05,281 20	17,059 11 0	167 0 0	40,809 15 0	14,016½	4,309½	18,326
Total for 3 weeks ...	41,197	31,887 10 0	1,51,646 10	25,943 14 0	242 0 0	58,073 8 0	19,764	6,447½	26,211½
Comparison.									
Total for corresponding week of previous year	......	......	......	......	......	......	......	......	......
Per mile of railway corresponding week of previous year ...	......	......	......	......	......	......	......	......	......
Total to corresponding date of previous year	......	......	......	......	......	......	......	......	......

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Behar Sections.)

Approximate Return of Traffic for week ended 23rd January 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	154,778	88,110 0 0	452,709 0	78,440 0 0	9,160 0 0	1,75,710 0 0	28,764	27,065	55,829
Or per mile of railway	199	113 0 0	583 0	101 0 0	*1 0 0	215 0 0	......	......	......
For previous 2 weeks of half-year	398,674	1,74,840 0 0	1,156,846 0	2,11,160 0 0	21,720 0 0	4,07,720 0 0	68,500	56,877	125,377
Total for 3 weeks ...	553,452	2,62,950 0 0	1,609,546 0	2,89,600 0 0	(30,880 0 0	5,83,430 0 0	97,264	83,942	181,206
Comparison.									
Total for corresponding week of previous year	158,433	83,783 0 0	653,136 0	1,32,511 0 0	20,957 0 0	2,37,251 0 0	28,073	34,946	63,019
Per mile of railway corresponding period of previous year ...	204	108 0 0	841 0	171 0 0	*2 0 0	281 0 0	......	......	......
Total to corresponding date of previous year	576,042	2,71,073 0 0	2,115,290 0	4,47,029 0 0	60,433 0 0	7,87,535 0 0	99,258	116,712	215,970

* Excluding steamer's earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 23rd January 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	25,940	9,130 0 0	54,386 0	3,630 0 0	100 0 0	12,850 0 0	3,200	2,472	5,673
Or per mile of railway	208	73 0 0	435 0	29 0 0	1 0 0	103 0 0	......	......	......
For previous 2 weeks of half-year	56,092	21,870 0 0	1,24,169 0	7,670 0 0	200 0 0	29,740 0 0	7,811	5,136	12,947
Total for 3 weeks ...	82,032	30,990 0 0	1,78,555 0	11,300 0 0	300 0 0	42,590 0 0	11,011	7,008	18,619
Comparison.									
Total for corresponding week of previous year	27,207	11,746 0 0	53,978 0	2,918 0 0	103 0 0	14,769 0 0	3,400	2,263	5,672
Per mile of railway corresponding week of previous year ...	218	94 0 0	432 0	23 0 0	1 0 0	118 0 0	......	......	......
Total to corresponding date of previous year	93,634	37,113 0 0	2,04,807 0	10,636 0 0	355 0 0	48,154 0 0	11,891	7,586	19,477

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 23rd January 1892, *on* 86 *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	16,805	5,320 0 0	7,021 0	780 0 0	460 0 0	6,560 0 0	2,304	920	3,224
Or per mile of railway	195	62 0 0	92 0	9 0 0	5 0 0	76 0 0	......	......	......
For previous 2 weeks of half-year	40,928	13,410 0 0	19,466 0	2,050 0 0	220 0 0	15,680 0 0	5,700	1,574	7,274
Total for 3 weeks ...	57,733	18,730 0 0	27,387 0	2,830 0 0	680 0 0	22,240 0 0	8,004	2,494	10,498
Comparison.									
Total for corresponding week of previous year	19,688	6,562 0 0	35,205 0	3,558 0 0	102 0 0	10,222 0 0	2,412	1,294	3,706
Per mile of railway corresponding period of previous year	229	76 0 0	409 0	42 0 0	1 0 0	119 0 0	......	......	......
Total to corresponding date of previous year	62,514	21,606 0 0	1,14,524 0	11,068 0 0	448 0 0	33,182 0 0	8,293	3,659	11,952

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 23rd January 1892, *on* 27½ *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,263	1,120 0 0	14,006 0	730 0 0	10 0 0	1,860 0 0	509	619	1,128
Or per mile of railway	120	41 0 0	536 0	27 0 0	......	68 0 0	......	......	......
For previous 2 weeks of half-year	6,891	2,230 0 0	17,628 0	970 0 0	150 0 0	3,350 0 0	1,328	692	2,020
Total for 3 weeks ...	10,154	3,350 0 0	32,234 0	1,700 0 0	160 0 0	5,210 0 0	1,837	1,311	3,148
Comparison.									
Total for corresponding week of previous year ...	3,542	1,253 0 0	9,324 0	474 0 0	7 0 0	1,734 0 0	509	619	1,128
Per mile of railway corresponding week of previous year ...	130	46 0 0	342 0	18 0 0	......	C4 0 0	......	......	......
Total to corresponding date of previous year	10,681	3,736 0 0	41,405 0	2,180 0 0	37 0 0	5,953 0 0	1,951	2,038	3,989

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhoot State Railway.)

Approximate Return of Traffic for the week ended 16th January 1892, *on* 739 *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 739 miles open	73,480	33,100	2,94,760	34,190	8,080	75,370	13,051	13,576	26,627
Or per mile of railway	99·43	44·79	385·33	46·27	10·93	101·99	......	......	......
For previous 1¾ weeks of half-year	96,870	40,700	3,17,610	40,350	8,660	89,800	13,036	19,343	32,379
Total for 2¾ weeks ..	170,350	73,890	6, 2,370	74,540	16,740	1,65,170	26,087	32,919	59,006
Comparison.									
Total for corresponding week of previous year on 705 miles open	79,907	33,254	3,89,236	52,630	7,112	92,996	9,794	13,878	23,672
Per mile of corresponding week of previous year	113·34	47·17	552·11	74·65	10·09	131·91	......	......	......
Total to corresponding date of previous year	194,213	83,380	8,52,981	1,12,169	17,358	2,12,913	33,531	32,327	65,858

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for the first 9 days of January 1892	6,955	0	0
Corresponding period of 1891	9,224	0	0
Decrease	2,269	0	0
Receipts per mile for the first 9 days of January 1892	136	6	0
Corresponding period of 1891	180	13	9
Decrease	44	7	9
Receipts from 1st to 9th January 1892	6,955	0	0
Corresponding period of 1891	9,224	0	0
Decrease	2,269	0	0

Printed and published by Edwin Morris Lewis, at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 3rd February 1892.

[REGISTERED No. 38.]

No. 6 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, FEBRUARY 10, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

LIBERALITY OF RAJA BAIKUNTHA NATH DE, BAHADUR, OF BALASORE, AND OF HIS BROTHER.

No. 333, dated Calcutta, the 9th February 1892.

From—H. H. RISLEY, ESQ., Offg. Secy. to the Govt. of Bengal, Financial and Municipal Departments,

To—The Commissioner of the Orissa Division.

I AM directed to acknowledge the receipt of your memorandum No. 26L.F., dated 29th January 1892, and enclosures, on the subject of an offer made by Raja Baikuntha Nath De, Bahadur, of Balasore, and his brother Babu Satyendra Nath De—

(*a*) To provide a permanent endowment of Rs. 300 for the charitable dispensary recently established by them at Soorah,

(*b*) to establish a dispensary at Jelasore on the Jagannath Road, to be called the "Albert Victor Charitable Dispensary," and provide an endowment for the dispensary of Rs. 240 a year, and

(*c*) to establish a female ward to be called the "Rani Sreemati Charitable Female Dispensary" attached to the Raja Syamanund De Dispensary at Balasore, together with quarters for a lady doctor, and to permanently endow the institution with Rs. 600 a year.

2. In reply, I am directed to say that the Lieutenant-Governor has much pleasure in accepting the liberal offer of Raja Baikuntha Nath De, Bahadur, and Babu Satyendra Nath De, and I am to request that His Honour's thanks may be conveyed to the donors for this further proof of their munificence and public spirit. The Magistrate of Balasore has been informed by telegram that, in compliance with the request of the Raja and his brother, His Honour has consented to lay the foundation-stone of the female hospital during his forthcoming visit to Balasore.

4. This letter will be published in the *Calcutta Gazette*.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 6th February 1892.

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.			
BURDWAN DIVN.			
1	Burdwan Feb. 6, '92 Culna ... Cutwa ...	Nil Nil Nil	Weather—seasonable. Prospects of *rabi* crops and sugarcane fair, but rain wanted. Reaping of sugarcane commenced. Supply of fodder and water sufficient. Prices of rice:— Srs. Sudder ... ... 13 } Culna ... ... 14 } per rupee. Cutwa ... ... 14 }
2	Bankoora „ 6, '92	Nil	Weather—getting warm. Harvesting of *rabi* and pressing of sugarcane going on. Condition of cattle fair. Fodder and water hardly sufficient. Coarse rice selling at 16¾ seers per rupee at Bishenpur and 16 seers at Bankoora.
3	Birbhum „ 6, '92 Rampore Haut ...	Nil Nil	Weather—growing warm. Wheat and *kalai* have suffered from want of rain. Fodder and water plentiful. Condition of cattle normal. Price of rice from 13½ to 17 seers per rupee.
4	Midnapore „ 6, '92	Nil	Weather—becoming hotter. Indigo doing well, but prospects of *rabi* not good. Large exportation of food-grains from Ghatal. Fodder sufficient except in parts of Sudder subdivision. Prices of common rice:— Srs. Sudder ... ... 15 } Contai ... ... 18 } Tumluk ... ... 13 } per rupee. Ghatal ... ... nearly 15 }
5	Hooghly „ 6, '92 Serampore ... Jehanabad ...	Nil Nil Nil	Weather—hot for the time of year. *Rabi* less extensively planted this year. Sugarcane is a remarkably fine crop. Other crops fair. No difficulty in obtaining water and fodder-supply. Prices of common rice:— Srs. Sudder ... ... 11 } Serampore ... ... 12 } per rupee. Jehanabad ... ... 16 }
6	Howrah „ 6, '92 Uluberia ...	Nil Nil	Weather—warm. *Rabi* crops require rain. Sugarcane crop good. Price of common rice 13 to 14 seers per rupee. Fodder and water-supply sufficient.
PRESIDENCY DIVN.			
7	24-Perghs. „ 6, '92	Nil	Heat increasing. Harvesting of *aman* over. Prospects of *rabi* crops not good owing to want of rain. Pressing of sugarcane continues. Price of common rice 12½ to 15 seers per rupee. Supply of fodder and water sufficient. Cattle-disease reported from one village in thana Harowa.
8	Nuddea „ 6, '92 Kushtea ... Meherpore ... Ranaghat ...	Nil Nil Nil Nil	Weather—warm. Prospects of *rabi* crops continue bad for want of rain. Sugarcane doing well. Common rice selling at from 11 seers 7 chittacks to 14 seers 8 chittacks per rupee. Condition of cattle good except in Chuadanga, where cattle-pox is reported in a few villages. Supply of fodder and water sufficient.
9	Khoolna „ 6, '92 Bagirhat ... Satkhira ...	Nil Nil Nil	Weather—seasonable. *Aman* harvest reported from different parts of the district as varying from 10 to 14 annas. *Boro* suffering in Bagirhatfor want of rain. Prospects of winter crops fair in Bagirhat, but not good in Satkhira. Price of common rice varies from 13 to 16 seers per rupee. Fodder and water for cattle sufficient.
10	Jessore „ 6, '92 Jhenidah ... Magurah ... Narail ... Bongong ...	Nil Nil Nil Nil Nil	Weather—days rather hot. Harvesting of *aman* nearly over. *Rabi* crops want rain to thrive. Supply of fodder and water for cattle sufficient.
11	Murshedabad „ 6, '92	Nil	Weather—days hot, nights cool. Prospects of *rabi* crops not favourable. Rain badly wanted. Fodder and water sufficient for cattle.
CHITTAGONG DIVN.			
12	Chittagong „ 6, '92	Nil	Weather—seasonable; latterly foggy and getting hotter. State of *rabi* crops fair. Prices steady. Condition of cattle generally good. Supply of fodder sufficient.
13	Noakhally „ 6, '92	Nil	Foggy mornings. Days rather warm. State of *rabi* crops not good. Rain much wanted. Condition of cattle good. Fodder and water sufficient in Sudder subdivision, but insufficient in some parts of Fenny and Parshuram. Price of rice stationary.
14	Tipperah „ 6, '92	Nil	Weather—seasonable. Prospects of crops fair. No cattle-disease reported. Fodder sufficient.
15	Chittagong Hill Tracts. „ 4, '92	Nil	Weather—seasonably cool, but a little cloudy in the mornings. Mustard and sesamum (*til*) ripening, and being reaped in some places. Vegetables and other spring crops progressing, but wanting rain. Fields being prepared for *bhadoi*. Cutting and pressing of sugarcane still going on. Cattle-disease in hoof reported in some places. Common rice selling at 11 seers 1 chittack per rupee.

Division	No.	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—*concld.*					
DACCA DIVN.	16	Dacca	Feb. 6, '92	Nil	Weather—seasonable. Ploughing for early rice going on. State of *rabi* crops fair, but rain wanted. Sowings of *cheena*, *kaon*, and *til* going on. Common rice selling at from 12 to 16 seers per rupee. Fodder available. Condition of cattle generally good.
	17	Furreedpore	„ 6, '92	Nil	Weather—cool; foggy in the morning. Cultivation and sowing of *boro* and *jali* paddy still in progress. Rice selling at 14, 14, and 16 seers per rupee at Sudder, Goalundo, and Madaripore respectively. Condition of cattle good. Fodder available.
	18	Backergunge	„ 6, '92	Nil	Weather—rather too hot for the time of year, with foggy mornings and occasional clouds. State and prospects of crops fair. Ordinary rice selling at from 10 to 14 seers per rupee. Supply of fodder and water sufficient.
	19	Mymensingh	„ 6, '92	Nil	Weather—seasonable. Outturn of late rice good. Condition of cattle good. Supply of water and fodder sufficient. Common rice sells at from 12 to 17 seers per rupee.
RAJSHAHYE DIVN.	20	Dinagepore Thakurgaon	„ 6, '92 ...	Nil Nil	Weather—getting hot. Cultivation of *bhadoi* crops going on. Sugarcane still being pressed. Outturn of mustard expected to be 12 annas. Rain wanted. Price of rice at Thakurgaon stationary, at Sudder 13 seers per rupee. Condition of cattle good. Supply of fodder fair and water sufficient.
	21	Rajshahye Nattore Nowgong	„ 6, '92	Nil Nil Nil	Rain much wanted. Cold-weather crops giving a fair outturn where they grow. Fodder and water-supply sufficient. No cattle-disease. Price of rice ranges from 12 to 15 seers per rupee.
	22	Rungpore Gaibanda Kurigram Nilphamari	„ 6, '92	Nil Nil Nil Nil	Weather—seasonable. Prospects of standing crops favourable. Potatoes and sugarcane are being harvested. Ploughing for *aus* is going on. Rain urgently needed. Prices of common rice:— Srs. Sudder ... ... 12 to 14 } Nilphamari ... ... 13 } per rupee. Kurigram ... ... 10 to 11 } Gaibanda ... ... 12 to 14 } Fodder sufficient. There is no cattle-disease.
	23	Bogra Sherpur Nowkhilla	„ 6, '92	Nil Nil Nil	Weather—fine and dry. Mustard is being cut, and 12 annas outturn is expected. The produce of sugarcane is about 13 annas, and the manufacture of *goor* is going on briskly. The other *rabi* crops are doing well, but rain is wanted for them; also for helping the ploughing for *aus* paddy and jute, and for the grass. There is no serious lack of fodder and water, but straw is scarce in some places. The cattle have not suffered. Common rice is selling at an average of 13½ seers a rupee.
	24	Pubna	„ 6, 92	Nil	Weather—seasonable. State of standing crops getting bad for want of rain. Outturn of *aman* paddy reported from Serajgunge to be 7 annas. Price of rice varies in places, being 12 to 15 seers per rupee; that of jute remains unchanged. Fodder and water-supply sufficient.
	25	Darjeeling	„ 6, '92	0·31	Weather—cold. Potatoes are nearly all harvested. Sugarcane and mustard doing well. Rain needed for wheat crop and for ploughing. Fodder for cattle running short in the Terai, but water is sufficient. No disease among cattle.
	26	Julpigoree	„ 6, '92	Nil	Weather—rather hot. *Rabi* crops suffering from want of rain. Mustard has yielded a 12-anna crop. Land is being prepared for *bhadoi* sowings. Common rice sells at 10 seers per rupee at Sudder and 8 seers at Alipur. No cattle-disease. Fodder and water-supply sufficient.
BEHAR.					
BHAGULPORE DIVN.	27	Monghyr Beguserai Jamui	„ 6, '92	Nil Nil Nil	Weather—dry and seasonable. Prospects of *rabi* not good; outturn estimated at 8 annas in the Sudder and Beguserai subdivisions and 6 annas in Jamui. Common rice selling at from 11 to 14 seers per rupee in the Sudder subdivision, 13 seers in Beguserai, and 13½ seers in Jamui. Cattle-disease (small-pox) reported from Jamui thana.
	28	Bhagulpore	„ 6, '92	Nil	Weather—getting warmer. Prospects of *rabi* in the south of the district are fair. In the north they are in most places very unfavourable. Outturn of linseed estimated at six annas. Common rice—old 10 seers 11 chittacks per rupee, new 12 seers 10 chittacks per rupee.
	29	Purneah Kishengunge Arrareah	„ 6, '92	Nil Nil Nil	Weather—foggy in the morning, hot during the day time. No immediate prospect of rain. Harvesting of *aghani* finished; average of outturn at Sudder 4 to 6 annas. Harvesting of mustard almost over at Kishengunge and Arrareah; outturn at Arrareah estimated at 10 annas. Harvesting of tobacco and planting of sugarcane in progress at Arrareah. Other *rabi* crops suffering everywhere for want of rain. Fodder and water for cattle plentiful. No cattle-disease. Prices of common rice:— Srs. Sudder ... ... 11 to 13 } Arrareah ... ... 12 to 13 } per rupee. Kishengunge ... ... 11 }
	30	Maldah Chanchal Shibgunge Gajole	„ 6, '92	Nil Nil Nil Nil	Weather—mornings foggy, days getting hot. Gathering of *kalai* and mustard finished except in one or two places. Outturn estimated to be from 6 to 12 annas. Transplantation of *boro* paddy not finished. *Bhadoi* sowings going on. Rain urgently wanted for *rabi* crops. Water and fodder sufficient. Common rice selling at an average of 12½ seers per rupee.
	31	Sonthal Perghs.	„ 6, 92	Nil	Weather—slightly cloudy and warm during the day. Rain wanted for standing crops. Price of rice has risen slightly since the last report. Common rice now selling at from 12 to 15 seers per rupee. Fodder and water-supply sufficient, except in Deoghur where tanks are reported to be drying up.

No.	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BEHAR—*concld.*				
Patna Division.				
32	Patna	Feb. 6, '92	Nil	Weather—becoming less cold. Threshing and winnowing of paddy nearly finished. Poppy flowering; there are, however, signs of blight to a small extent in a few fields. Mustard is being harvested. Gram, wheat, barley and peas in ear. Tobacco and *rahar* doing well. Prices of food-grains rising. Common rice selling at from 12¼ to 14 seers per rupee.
	Barh	...	Nil	
	Behar	...	Nil	
33	Gya	„ 6, '92	Nil	Weather—cold and fair. Harvesting of paddy finished. Prospects of *rabi* gloomy. Harvesting of gram and peas commenced in some places. Poppy backward. Prices of food-grains rising gradually. Supply of fodder and water for cattle sufficient.
	Nawada	...	Nil	
	Aurungabad	...	Nil	
	Jehanabad	...	Nil	
34	Shahabad	„ 6, '92	Nil	Weather—warmer. Prospects of *rabi* generally fair. The crop is beginning to be harvested. Water for cattle reported to be scarce in parts of Sasseram and Bhabuah. Prices falling in Sasseram, but rising in Bhabuah.
	Sasseram	..	Nil	
	Buxar	...	Nil	
	Bhabuah	...	Nil	
35	Durbhunga	„ 6, '92	Nil	Weather—days getting somewhat warm towards the close of the week with west wind prevailing. *Rahar* doing well. Other *rabi* crops getting on as can be expected. Tobacco cutting in progress. Mango commenced to blossom. Price of common rice varies from 12 to 13¼ seers per rupee. Fodder and water plentiful.
36	Mozufferpore	„ 6, '92	Nil	Weather—seasonable. No change in prospects. No sign of rain. Probable outturn of *rabi* 4 to 6 annas. Prices slightly tightening.
	Sitamarhi	...	Nil	
37	Sarun	„ 6, '92	Nil	Weather—much hotter than last week. *Rabi* and poppy doing well. Sugarcane pressing goes on and mustard is being harvested. Water and fodder for cattle sufficient. Prices of common rice:— Srs. Ch. Chupra ... ... 13 2 } Sewan ... ... 13 12 } per rupee. Gopalgunge ... ... 13 2 }
38	Chumparun	„ 6, '92	Nil	Weather—seasonable. Rain wanted for *rabi* crop. *Rabi* is being irrigated where water is available. Fodder and water sufficient.
ORISSA.				
Orissa Divn.				
39	Cuttack	„ 6, '92	Nil	Weather—seasonable. *Guru sarad* is being threshed. Sugarcane is being pressed. *Biri, mung, kolthi,* and mustard are now harvested. Condition of cattle good and fodder-supply ample. Price of common rice ranges from 12¼ seers to 18 seers per rupee.
40	Pooree	„ 4, '92	Nil	Weather—seasonable, Harvesting of *sarad* paddy almost over. *Dalua* paddy growing well. Miscellaneous crops thriving. Common rice sells at from 13 to 21 seers per rupee. Cattle-disease reported from Khoorda and Banpur.
41	Balasore	„ 6, '92	Nil	Weather—getting warmer. Paddy being threshed. *Rabi* crops harvested. Rice sells at 19 seers per rupee at Bhadrak and 15 seers at Balasore.
CHOTA NAGPORE.				
South-West Frontier Agency.				
Chota Nagpore Divn.				
42	Hazaribagh	Feb. 6, '92	Nil	Weather—seasonable. Some rain wanted. Common rice selling at from 12 to 16 seers per rupee. Cattle-disease reported from certain parts of the district. Fodder and water-supply sufficient.
	Giridih	...	Nil	
43	Lohardugga	„ 6, '92	Nil	Weather—getting hot, Reaping of oil-seeds commenced. Rain is badly wanted for ploughing land for up land rice. Common rice selling at 14 seers per rupee. Fodder and water sufficient.
44	Palamow	„ 5, '92	Nil	Weather—cloudy during the first three days, sometimes accompanied with a slight drizzling. Afterwards clear sunshine. For want of rain *rabi* crops, especially wheat and barley, are suffering a great deal. Rice selling at 14¼ seers per rupee. Fodder and water-supply continues to be sufficient.
45	Singbhoom	„ 5, '92	Nil	Weather—seasonable; signs of rain. Standing crops estimated to yield from 12 to 14 annas outturn. Mustard, *rahar,* sugarcane and *jaratisi* being harvested. Common rice selling at from 14 to 20 seers per rupee. Fodder and water sufficient.
46	Manbhoom	„ 6, '92	Nil	Weather—seasonable. Some rain urgently wanted. Rice selling at 16 seers per rupee. Fodder and water-supply becoming scarce.
	Govindpore	...	Nil	

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 9th February, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

Names of Marts.	Stock in hand as compiled of—												
	1st week of Feb. 1891.	1st week of March 1891.	1st week of April 1891.	1st week of May 1891.	1st week of June 1891.	1st week of July 1891.	1st week of August 1891.	1st week of Sept. 1891.	1st week of Oct. 1891.	1st week of Nov. 1891	1st week of Dec. 1891.	1st week of Jan. 1892.	1st week of Feb. 1892.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Baliaghatta	4,08,000	7,21,000	10,56,500	13,19,000	9,74,000	7,13,000	4,52,000	4,58,500	4,28,700	4,45,000	4,01,000	3,68,200	7,99,000
Ooltadanga	57,200	65,200	55,900	63,100	59,600	61,100	65,800	72,100	66,200	65,000	61,100	58,900	68,500
Chitpore, Golabaree, Coomertooly, Hatkhola, and Culpy Ghat.	5,40,400	6,00,800	5,67,200	5,17,400	4,82,400	4,68,400	4,87,200	5,06,700	5,25,000	5,04,600	4,74,300	6,29,500	6,17,700
Pathuriaghatta, Posta, and Jorabagan.	4,000	5,000	4,200	3,000	2,000	3,700	3,000	2,500	3,000	4,000	3,000	2,500	2,000
Tallygunge, Chitlah, Kidderpore, and Moonshigunge.	1,25,200	1,34,400	1,16,300	1,25,200	1,14,800	1,06,900	98,900	90,450	85,750	91,200	82,100	1,23,600	1,04,500
21 Minor bazars (estimated) ...	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 3,129 in number (estimated).	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Boidyabatty, Nowabgunge, Shuddressur, and Chandernagore.	33,000	24,433	43,463	41,125	30,750	32,750	32,250	38,051	32,250	33,125	25,062	27,135	18,938
Total ...	16,57,800	20,40,833	23,63,563	25,58,825	21,53,550	18,81,850	16,29,150	16,58,301	16,29,900	16,37,925	15,36,562	16,99,835	21,00,638
On Railway premises on both sides of the river.	36,850 (on 3rd Feb. 1891.)	36,618 (on 3rd March 1891.)	28,642 (on 3rd April 1891.)	8,221 (on 3rd May 1891.)	5,923 (on 3rd June 1891.)	17,767 (on 3rd July 1891.)	10,179 (on 3rd August 1891.)	17,473 (on 3rd Sept. 1891.)	41,511 (on 3rd Oct. 1891.)	13,019 (on 3rd Nov. 1891.)	21,740 (on 3rd Dec 1891.)	66,689 (on 3rd Jan. 1892.)	41,775 (on 3rd Feb. 1892.)
On boats unloaded ... By Port Commissioners' returns.	82,605 (1st to 3rd Feb. 1891.)	65,914 (1st to 3rd March 1891.)	44,862 (1st to 3rd April 1891.)	35,578 (1st to 4th May 1891.)	17,251 (1st to 3rd June 1891.)	28,097 (1st to 3rd July 1891.)	17,174 (1st to 3rd August 1891.)	57,776 (1st to 3rd Sept. 1891.)	41,735 (1st to 3rd Oct. 1891.)	33,595 (3rd to 5th Nov. 1891.)	53,683 (1st to 3rd Dec. 1891.)	84,951 (2nd to 4th Jan. 1892.)	63,215 (1st to 3rd Feb. 1892.)
On boats unloaded ... By Canal returns	1,71,337 (1st to 3rd Feb. 1891.)	1,08,494 (1st to 3rd March 1891.)	1,51,412 (1st to 3rd April 1891.)	13,039 (1st to 4th May 1891.)	25,741 (1st to 3rd June 1891.)	41,597 (1st to 3rd July 1891.)	24,697 (1st to 3rd August 1891.)	79,813 (1st to 3rd Sept. 1891.)	80,950 (1st to 3rd Oct. 1891.)	28,531 (3rd to 5th Nov. 1891.)	34,490 (1st to 3rd Dec. 1891.)	1,22,177 (2nd to 4th Jan. 1892.)	1,90,718 (1st to 3rd Feb. 1892.)
Grand total of Stocks ..	19,48,592	22,51,864	25,88,478	26,15,723	22,02,470	19,69,311	16,81,200	18,13,363	17,94,116	17,13,070	16,46,480	19,73,652	23,99,346
Probable stock available for exportation by sea.	9 lakhs	12 lakhs	15¼ lakhs	15¾ lakhs	11½ lakhs	9¼ lakhs	6½ lakhs	7¼ lakhs	7¾ lakhs	6½ lakhs	6 lakhs	9¼ lakhs	13¾ lakhs

STATISTICAL DEPARTMENT,
The 8th February, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the

QUANTITIES PER RUPEE IN

Division	Number.	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Jowar or Cholum (*Sorghum Vulgare*). Present return.	Jowar or Cholum. Next preceding return.	Jowar or Cholum. Corresponding return of last year.
BENGAL.			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Burdwan Division.	1	Burdwan ...	12 0	12 0	14 0	...	...	...	12 0	12 6	16 2	14 1	14 4	18 6	...	...	...
	2	Bankoora ...	11 8	12 8	14 0	16 0	16 0	16 0	12 8	12 8	18 8	16 0	18 0	20 8	...	...	...
	3	Beerbhoom ...	12 8	12 8	16 8	...	...	...	13 0	13 0	15 0	15 0	15 0	18 0	...	...	...
	4	Midnapore ...	11 0	12 0	10 8	...	...	...	12 0	13 0	15 0	16 0	16 8	20 0	...	...	...
	5	Hooghly ...	13 0	13 0	13 0	...	...	...	8 0	8 0	8 0	13 0	13 0	13 0	...	...	...
	6	Howrah ...	...	...	...	...	...	...	10 0	10 4	11 8	13 4	13 4	16 0	...	...	...
Presidency Division.		Calcutta ..	10 13	10 15	12 6	18 5	20 0	16 12	8 10	8 11	9 15	12 3	12 12	14 9	15 14	16 0	17 10
	7	24-Pergunnahs	10 0	10 8	12 0	18 0	18 0	16 0	8 0	8 0	8 0	13 8	13 8	16 0	...	...	...
	8	Nuddea ..	12 9	12 12¾	15 4	22 14	22 14	20 0	10 5¼	10 10½	15 4	12 9	12 12¾	16 10	...	...	...
	9	Khoolna ...	...	...	...	...	...	...	14 0	13 0	14 0	16 0	16 0	16 0	...	...	...
	10	Jessore ...	10 0	10 0	12 8	..	...	...	13 0	13 0	11 8	15 0	15 0	16 0	...	...	...
	11	Moorshedabad	10 0	12 0	15 0	...		..	10 0	10 0	10 0	13 4	13 4	17 0	...	...	...
Chittagong Division.	12	Chittagong* ...	...	9 12	12 0	...	...	...	...	9 0	12 0	...	13 0	16 9	...	...	...
	13	Noakholly ...	...	...	...	..	...	...	13 0	13 0	16 0	14 0	14 0	18 0	...	...	...
	14	Tipperah ...	10 0	10 0	10 7	..	.	.	10 0	10 10	11 7	13 5½	16 0	17 11	..	..	...
	15	Chittagong Hill Tracts.		...	...	...	...	...	10 0	10 0	11 6¼	10 11¼	10 10	13 5¼	...	...	...
Dacca Division.	16	Dacca ..	10 8	10 8	12 0	29 0	23 0	14 0	12 0	12 0	15 0	15 0	16 0	17 0	...	...	...
	17	Furreedpore ..	12 0	11 8	16 0	16 0	17 0	13 0	10 0	10 0	12 0	14 8	16 0	16 0	...	...	...
	18	Backergunge ...	...	...	...	...	...	...	11 10	12 0	14 0	Now. 14 0	14 0	16 4	...	...	...
	19	Mymensingh ..	9 0	9 0	10 8	...	...	...	10 8	11 0	11 6	14 0	15 0	16 8	...	...	...
Rajshahye Division.	20	Dinagepore ...	10 10	10 13	12 0	17 0	17 0	16 0	9 9½	10 13	15 0	12 0	12 0	18 0	...	...	...
	21	Rajshahye ...	9 12	12 0	16 8	26 4	26 4	24 0	11 4	11 4	13 8	13 12	12 0	15 15	...	...	...
	22	Rungpore	8 0	8 0	13 0	...	...	...	9 0	9 0	9 6	11 8	11 8	14 8	...	...	..

* Present return not received.

A In subdivisions retail prices of salt per rupee are :—Culna 10 seers, Cutwa 11¾ seers, and Raneegunge 10 seers.
B At Bishenpore retail price of salt, 10 seers per rupee.
C At Rampore Hât retail price of salt, 10½ seers per rupee.
D In subdivisions retail prices of salt per rupee are :—Ghatal 11 seers, Contai 10 seers, and Tumlook 10½ seers.
E In subdivisions retail prices of salt per rupee are :—Serampore (at Bhudressur) 12 seers and Jehanabad 11 seers 7 chittacks.
F At Uluberia retail price of salt, 10½ seers per rupee.
G In subdivisions retail prices of salt per rupee are :—Baraset 10 seers 10 chittacks, Bussirhat (at Baduria) 12¼ seers, Diamond Harbour (at Magrahat) 10 seers 10 chittacks, Barrackpore 9 seers 2 chittacks, and Dum-Dum 10 seers.
H In subdivisions retail prices of salt per rupee are :—Kooshtea 10½ seers, Meherpore 9½ seers, Chooadanga 10 seers 5 chittacks, and Ranaghat 10 seers.
J In subdivisions retail prices of salt per rupee are :—Satkhira 10½ seers and Bagirhat 8 seers.

SEERS OF 80 TOLAHS.

Districts of Bengal on the 31st January, 1892.

Number.	DISTRICTS	Bajra or Cumbu (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.	Marua or Ragi (*Eleusine Corocana.*) Present return.	Next preceding return.	Corresponding return of last year.	Wood. ... return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Next preceding return.	Corresponding return of last year.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	BENGAL.														
1	Burdwan. (Burdwan Division.)	...	...	...	...	...	...	0	100 0	A 11 4	11 4	10 11	3 6 0	3 6 0	3 8 3
2	Bankoora.	...	...	...	...	...	...	0	280 0	B 11 2	11 6	10 10	3 9 6	3 10 0	3 10 0
3	Beerbhoom.	...	...	...	...	...	...	0	160 0	C 10 8	10 8	10 8	3 10 0	3 10 0	3 12 0
4	Midnapore.	...	...	...	...	..	...	0	120 0	D 11 8	11 2	10 8	3 8 0	3 9 0	3 13 0
5	Hooghly.	...	...	...	...	...	...	0	120 0	E 10 0	10 0	9 0	3 12 0	3 12 0	3 12 0
6	Howrah.	...	...	...	...	...	...	0	100 0	F 10 8	10 8	10 8	3 9 6	3 6 0	3 8 0
	Calcutta. (Presidency Division.)	15 1	13 14	14 14	...	...	...	0	90 0	11 6	11 5	10 11	3 4 2	3 4 3	3 7 0
7	24-Pergunnahs.	...	...	...	...	...	...	0	100 0	G 11 0	11 0	10 12	3 4 0	3 4 0	3 6 6
8	Nuddea.	...	...	...	...	...	...	...	...	H 10 8½	10 8½	9 13	3 9 0	3 9 0	3 12 0
9	Khoolna.	...	...	...	...	...	...	0	160 0	I 10 0	10 0	9 0	3 12 0	3 12 0	4 0 0
10	Jessore.	...	...	...	...	...	...	0	160 0	J 9 2	9 2	9 2	3 10 0	3 10 0	3 14 0
11	Moorshedabad	...	...	...	...	...	...	0	200 0	K 11 12	10 8	11 0	3 8 0	3 12 0	3 10 0
12	Chittagong. (Chittagong Division.)	...	...	...	...	...	...	0	0 110 0	...	11 0	10 0	...	3 8 0	3 10 0
13	Noakhelly.	...	...	...	...	...	...	...	.	L 10 0	10 0	9 0	3 12 0	3 12 0	4 0 0
14	Tipperah.	...	...	...	...	...	...	...	..	M 10 0	10 0	9 11	3 12 0	3 12 0	4 2 0
15	Chittagong Hill Tracts.	...	...	...	...	...	...	10 0	320 0	8 0	8 0	8 0	4 8 0	4 8 0	4 8 0
16	Dacca. (Dacca Division.)	...	...	...	...	...	...	20 0	120 0	N 10 8	10 8	9 12	3 9 0	3 8 0	4 0 0
17	Furreedpore.	...	...	...	...	...	...	...	110 0	O 10 0	10 8	9 0	4 0 0	3 12 0	4 4 0
18	Backergunge.	...	...	...	...	...	...	80 0	120 0	P 10 8	10 8	10 0	3 10 0	3 12 0	3 11 0
19	Mymensingh.	...	...	...	...	...	...	...		Q 10 8	10 8	10 0	3 10 0	3 10 0	3 14 0
20	Dinagepore. (Rajshahye Division.)	...	...	...	...	...	...	60 0	160 0	R 10 4	10 0	9 8	3 14 0	3 12 0	4 0 0
21	Rajshahye.	...	...	...	...	...	...	40 0	240 0	S 9 9	9 9	9 9	3 10 8	3 10 8	3 13 4
22	Rungpore.	...	...	...	...	...	...	00 0	100 0	T 8 0	8 0	9 6	5 0 0	5 0 0	4 4 0

...e are :—Magura 10 seers, Narail 9 seers 10 chittacks, and Bongong 10½ seers.
...e are :—Jungipore 10½ seers, Kandi 11 seers, and Lalbagh 11¼ seers.

L At Fenny Hât retail price of salt, 9 seers per rupee.
M In subdivisions retail prices of salt per rupee are :—Brahmanberia 10 seers and Chandpore 9 seers.
N In subdivisions retail prices of salt per rupee are :—Maniokgunge 9 seers, Moonshigunge 10 seers, and Naraingunge 10½ seers.
O In subdivisions retail prices of salt per rupee are :—Madaripore 11 seers and Goalundo 10 seers.
P In subdivisions retail prices of salt per rupee are :—Patunkhali 9 seers, Perozepore 9 seers and Bhola 8 seers.
Q In subdivisions retail prices of salt per rupee are :—Kishoregunge 8 seers, Jamalpore 9 seers 6 chittacks, Sherpore 8 seers, and Netrokona 8 seers.
R At Thakurgaon retail price of salt, 8 seers per rupee.
S In subdivisions retail prices of salt per rupee are :—Nattore 9 seers and Nowgong 9 seers 9 chittacks.
T In subdivisions retail prices of salt per rupee are :—Kurigram 8 seers, Nilphamari 10 seers, and Gaibanda 10 seers.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the Head-quarters

QUANTITIES PER RUPEE IN

Division	Number.	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Jowar or Cholum (Sorghum Vulgare). Present return.	Jowar or Cholum. Next preceding return.	Jowar or Cholum. Corresponding return of last year.
			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
BENGAL—continued.																	
Rajshahye Division—concld.	23	Bogra ...	8 10	10 8	15 0	...	...	...	12 0	12 0	12 0	12 12	13 8	16 8	...	...	...
	24	Pubna	12 12	13 2	17 10	..			7 2	7 2	7 8	13 2	14 4	15 15	.	..	...
	25	Darjeeling	8 0	8 0	10 0	9 0	10 0	8 0	5 0	5 0	5 0	10 0	10 0	12 0	..	...	...
	26	Julpigoree	10 0	10 0	13 0	14 0	14 0	16 0	7 0	7 0	8 0	10 0	10 0	18 0	..	..	...
BEHAR.																	
Bhagulpore Division.	27	Monghyr ...	13 10	13 0	12 10	22 1	20 8	18 14	9 7	9 8	13 10	12 9	12 0	16 13	17 13	...	18 14
	28	Bhagulpore ...	12 10	12 10	13 14	22 11	22 11	20 3	9 7 11 6	10 11 11 6	12 0 15 14	Old. 10 11 New. 12 10	11 6 12 0	15 2 18 5	..	...	...
	29	Purneah ...	11 0	11 0	16 0	25 0	20 0	...	10 0	10 0	18 0	11 0	11 0	19 0	...	...	...
	30	Maldah ...	11 0	11 0	14 0	...	...	.	8 0	10 0	11 0	12 0	13 0	17 0	...	...	...
	31	Sonthal Perghs.	10 0	10 0	14 0	..	..		12 0	12 0	14 0	13 8	14 0	18 0	...	..	...
Patna Division.	32	Patna ...	13 8 12 0	Red. 16 0 White. 14 0	14 12 13 0	25 0	25 0	22 0	10 8	11 8	11 0	13 8	16 0	18 4	19 0	19 0	19 0
	33	Gya ...	12 8	12 8	13 0	22 8	23 0	21 0	10 8	10 8	10 8	13 0	14 0	18 8	...	...	...
	34	Shahabad ...	12 8	13 8	13 8	22 0	20 0	25 0	8 0	8 0	9 0	13 0	14 0	16 0	...	...	...
	35	Durbhunga ...	13 3	14 4	13 0	22 0	22 0	22 0	11 0	11 0	10 0	13 3	14 0	17 0	...	...	...
	36	Mozufferpore	12 0	12 0	16 0	22 0	20 0	20 0	10 0	11 0	10 0	12 0	13 0	15 0	...	...	...
	37	Sarun ...	12 4	12 12	14 8	24 0	25 8	21 0	8 8	8 8	8 8	13 2	13 2	16 0	...	...	...
	38	Chumparun ...	10 12	12 0	16 0	20 0	20 8	27 0	9 0	7 . 4	9 0	13 4	14 0	17 0	...	...	...
ORISSA.																	
Orissa Division.	39	Cuttack ...	10 2	9 2	13 2	...	..	...	10 8	10 8	10 8	12 8	13 2	18 6	...	...	...
	40	Pooree ...	8 6	8 8	14 7	...	...	...	9 6	11 13	14 7	13 8	15 12	21 0	...	...	...
	41	Balasore ...	11 0	11 0	15 0	10 0	10 0	13 0	13 0	12 0	13 0	15 0	17 0	21 0	...	...	...
CHOTA NAGPORE.																	
Chota Nagpore Division.	42	Hazaribagh ..	11 8	12 0	13 0	16 0	17 0	20 0	8 0	8 0	10 0	13 8	13 8	17 0	...	...	...
	43	Lohardugga ...	12 0 9 2	Red. 11 4 White. 8 10	10 0 7 0	13 0	13 0	19 0	11 8	11 8	14 12	Ordinary. 13 8 Coarse. 15 0	14 0 16 0	15 0 18 0	...	...	...
	44	Palamow ...	12 6	12 15	18 0	16 14	..	23 10	13 8	10 2	12 6	14 1	14 10	17 11	...	...	...
	45	Singbhoom ...	14 0	15 0	20 0	10 0	16 0	11 0	12 0	16 0	14 0	16 0	20 0	16 0	...	...	...
	46	Manbhoom	11 0	11 0	13 0	...	...		13 0	13 8	14 0	17 0	17 0	22 0	...	...	...

U At Serajgunge retail price of salt, 12 seers per rupee.
V At Kurseong and Siliguri retail price of salt, 8 seers per rupee.
W At Falacut a in Alipore subdivision retail price of salt, 8½ seers per rupee.
X In subdivisions retail prices of salt per rupee are:—Beguserai 9½ seers and Jamui 10 seers.
Y In subdivisions retail prices of salt per rupee are:—Banka (Amarpur) 10 seers, Mudehpura 10 seers, and Supool 10 seers.
Z In subdivisions retail prices of salt per rupee are:—Kishengunge 8 seers and Arrareah 10 seers.
a In subdivisions retail prices of salt per rupee are:—Deoghur 10 seers 10 chittacks, Godda 9 seers, Jamtara 10 seers, Pakur 10½ seers, and Rajmehal 11 seers.
b In subdivisions retail prices of salt per rupee are:—Behar 10 seers and Dinapore 10 seers.

CALCUTTA,
The 8th February 1892.

SEERS OF 80 TOLAHS.

Bajra or Cumbu. (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.	Marua or Ragi. (*Eleusine Corocana.*) Present return.	Next preceding return.	Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	13 0	13 0	16 0
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	24 0	25 0	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	19 12	19 12	24 0
...	...	...	...	...	20 4
...	...	...	21 0	22 0	22 0
...	...	...	2 0	23 0	28 0
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	23 0	22 0	26 0
...	...	...	...	29 0	32 0
...	...	...	20 4	...	...
...	...	...	...	...	...
...	...	...	...	...	...

iots of Bengal on the 31st January, 1892—(concluded).

... of last year.	Firewood. Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Next preceding return.	Corresponding return of last year.	Districts.	Number.
Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
										BENGAL—*continued*.	
	90 0	90 0	90 0	9 12	9 9	9 0	8 12 0	3 14 8	4 0 0	Bogra.	23
0	200 0	200 0	200 0	[u] 9 12	9 12	8 15	3 12 0	3 12 0	3 11 0	Pubna.	21
0	120 0	120 0	120 0	[v] 8 0	8 0	8 0	5 0 0	5 0 0	5 0 0	Darjeeling.	25
0	200 0	200 0	200 0	[w] 10 0	10 0	9 0	4 0 0	4 0 0	4 0 0	Julpigoree.	26
										(Rajshahye Division—*contd.*)	
										BEHAR	
15	168 0	145 0	192 0	[x] 10 8	10 8	10 8	3 9 3	3 12 0	3 14 0	Monghyr.	27
2	176 12	164 0	151 8	[y] 10 11	10 11	10 8	3 12 0	3 12 0	3 12 0	Bhagulpore.	28
0	90 0	90 0	130 0	[z] 10 0	10 0	9 0	4 0 0	4 0 0	4 7 0	Purneah.	29
	120 0	120 0	120 0	9 0	9 8	9 0	3 14 0	3 12 0	4 0 0	Maldah.	30
0	200 0	200 0	250 0	[a] 9 0	9 0	9 0	4 0 0	4 0 0	4 0 0	Sonthal Perghs.	31
										(Bhagulpore Division.)	
	120 0	120 0	120 0	[b] 11 8	11 8	10 0	3 8 0	3 8 0	3 10 9	Patna.	32
0	140 0	140 0	110 0	10 0	10 0	10 0	3 14 0	3 14 0	4 2 0	Gya.	33
0	160 0	120 0	160 0	[c] 10 0	10 8	10 0	4 0 0	4 0 0	3 15 0	Shahabad.	34
8	160 0	160 0	160 0	[d] 11 0	11 0	11 0	3 6 0	3 6 0	3 8 0	Durbhunga.	35
0	160 0	160 0	160 0	[e] 11 0	11 0	10 8	3 10 6	3 10 6	3 14 0	Mozufferpore.	36
0	160 0	160 0	180 0	[f] 10 12	10 12	10 4	3 11 0	3 11 0	3 11 6	Sarun.	37
0	160 0	160 0	160 0	[g] 10 8	10 8	10 0	3 12 0	3 12 0	3 13 0	Chumparun.	38
										(Patna Division.)	
										ORISSA.	
6	80 0	80 0	80 0	[h] 11 0	11 0	11 0	3 12 0	3 12 0	3 12 0	Cuttack.	39
1	80 0	80 0	80 0	[i] 11 13	11 13	9 13	3 5 0	3 6 0	3 12 0	Pooree.	40
...	140 0	140 0	160 0	[j] 10 8	10 8	10 0	3 14 0	3 14 0	3 14 0	Balasore.	41
										(Orissa Division.)	
										CHOTA NAGPORE.	
0	240 0	240 0	240 0	10 0	10 0	9 0	3 12 0	3 12 0	4 0 0	Hazaribagh.	42
0 0	150 0	150 0	150 0	9 12	9 12	9 4	4 0 0	4 0 0	4 3 0	Lohardugga.	43
7	...	...	...	9 0	9 9	9 0	No wholesale.			Palamow.	44
0	160 0	160 0	210 0	9 0	9 0	9 0	4 4 0	4 4 0	4 6 0	Singhboom.	45
0	200 0	200 0	200 0	[k] 10 10	10 10	9 14	3 10 0	3 10 0	3 12 0	Manbhoom.	46
										(Chota Nagpore Division.)	

... salt per rupee are :—Buxar 10½ seers, Sasseram 10½ seers, and Bhabuah 10 seers.
...re subdivisions retail price of salt, 11 seers per rupee.

e In subdivisions retail prices of salt per rupee are:—Hajipore 10½ seers and Sitamarhi 10½ seers.
f At Gopalgunge retail price of salt, 11 seers 6 chittacks per rupee.
g At Bettiah retail price of salt, 10 seers per rupee.
h In subdivisions retail prices of salt per rupee are:—Jajpore 8 seers, Kendrapara 9 seers, and Banki 12 seers.
i At Khorda retail price of salt 11 seers per rupee
j At Bhuddruck retail price of salt, 10 seers per rupee.
k At Govindpore retail price of salt, 10½ seers per rupee.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARTS.	Wheat.			Barley.			Rice, best sort.			Rice, common.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 6 10	3 6 4	2 15 6	1 15 4	1 12 0	2 1 11	4 5 11	4 5 4	3 12 3	3 0 2	2 14 4	2 7 4
2	Serajgunge	3 10 0	3 12 0	2 6 0	...	...	...	5 4 0	5 4 0	4 12 0	3 5 0	3 9 0	2 10 0
3	Dacca ...	3 12 0	3 12 0	3 4 0	1 6 0	1 8 0	2 12 0	3 5 0	3 5 0	2 10 0	2 10 0	2 8 0	2 4 0
4	Naraingunge	...	...	...	...	...	...	2 14 0	2 10 0	2 10 0	2 10 0	2 8 0	2 8 0
5	Chittagong*	...	4 0 0	3 4 0	...	...	...	...	4 8 0	3 4 0	...	3 0 0	2 5 0
6	Patna ...	2 15 4 3 5 4	Red. 2 8 0 White. 2 13 6	2 10 6 3 0 0	1 9 6	1 9 6	1 12 0	3 12 11	3 8 0	3 8 0	2 15 4	2 8 0	2 2 6
7	Balasore ...	3 12 0	3 12 0	2 8 0	3 12 0	3 12 0	3 0 0	3 0 0	2 14 0	3 0 0	2 8 0	2 6 0	1 14 0
8	Pooree ...	4 12 0	4 11 0	...	...	...	...	4 9 0	4 9 0	...	2 15 0	2 8 6	1 14 3
9	Cuttack ...	3 14 0	4 4 0	3 0 0	...	...	...	3 10 0	3 10 0	3 10 0	3 2 0	3 0 0	2 0 0

* Present return not received.

CALCUTTA,
The 8th February, 1892.

PRICES PER MAUND

Jowar or Cholum. (*Sorghum Vulgare.*) Present return.	Next preceding return.	Corresponding return of last year.	Bajra or Cumbu. (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
2 4 1	2 4 0	2 0 3	2 6 7	2 10 0	2 6 10
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
2 1 6	2 1 6	2 1 0	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...

1st January, 1892.

...or Thur, ...n Pea. (...indicus.) ...t preceding return.	Corresponding return of last year.	Firewood. Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Marts.
. P	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
6 3	2 9 8	0 5 9	0 5 9	0 5 6	3 4 2	3 4 3	3 7 0	Calcutta.
..	...	0 6 6	0 6 6	0 7 1	3 5 0	3 7 0	3 11 0	Serajgunge.
0 0	2 12 0	0 5 0	0 5 0	0 5 0	3 9 0	3 8 0	4 0 0	Dacca.
8 0	3 12 0	0 8 0	0 8 0	0 8 0	3 8 0	3 6 0	3 10 0	Naraingunge.
..	...	...	0 5 0	0 5 4	...	3 8 0	3 10 0	Chittagong.
2 6	...	0 5 4	0 5 4	0 5 6	3 8 0	3 8 0	3 10 9	Patna.
..	...	0 5 0	0 5 0	0 4 6	3 14 0	3 12 0	3 14 0	Balasore.
0 0	...	0 8 0	0 8 0	...	3 5 0	3 6 0	3 12 0	Pooree.
8 0	2 0 0	0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 12 0	Cuttack.

general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS. Air Pressure. Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Wind. Prevailing direction.	Mean wind velocity.	Temperature. Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Pooree	Pooree ...	30 0 9	29·908	—	NWly	209	88·7	5th Feb.	64 6	5th Feb.	83·5	67·2	75·4	—	71·8
		Gopalpore ..	30·018	29·980	+·028	NNW	226	93 2	5th „	59 0	5th „	84·3	62·2	73·3	+1·6	66·0
		False Point ..	30·011	29 975	—·029	Wly	171	86·4	5th „	60·0	1st „	83·8	63·6	73·7	+2·8	67·8
	Cuttack	Cuttack ...	29 958	29 934	—·012	SWly	33	92·4	4th „	59 8	4th „	89 0	62 1	75 6	+1 3	66·9
	Balasore	Balasore ...	29 965	29 970	—·035	NW	88	89 4	4 & 5 „	56 5	31st Jan.	87·1	58·7	72 9	+4·3	65·0
South-West Bengal.	South-West Midnapore, South 24-Pergunnahs	Saugor Island	29 992	29 992	·030	Variable	171	85·2	5 & 6 „	61 9	5th Feb.	81·3	63 9	72·7	+2·9	69 0
	Midnapore	Midnapore ..	29 877	29·979	—·036	Variable	282	90 3	4th „	58·2	1st „	87 3	60 1	73·7	+0·6	66 1
	24-Pergunnahs, Howrah, Hooghly	Calcutta ...	29·999	29 967	—·043	Calm & Wly	55	85 6	4th „	54 7	1st „	83 1	57·4	70·3	+3 0	63 4
	Burdwan	Burdwan ..	29 915	29 985	—·028	Calm & W	228	86 5	6th „	54 3	1st „	84·4	58·4	71·4	+0·7	65·2
	Bankoora	Bankoora ..	29 691	29 954	—·044	Calm & Sly	59	86·2	6th „	57 3	1st „	84·1	59·3	71·7	+7·0	63 1
	Beerbhoom, West Burdwan	Raneegunge	29 638	30·003	—·034	?	?	85·9	3 & 6 „	56·7	31st Jan. to 2nd Feb.	84·2	58·4	71 3	+5·3	63·7
	Moorshedabad	Berhampore .	29·917	29 966	—·048	Variable	35	85·6	6th „	53 2	2nd „	82·5	56 8	69·7	+3·8	60·5
	Nuddea	Krishnaghur	29·903	29 962	—·028	WNW	60	85·1	6th „	50·9	1st „	83 7	54·5	69·1	+0·0	62·4
	Jessore, Khoolna	Jessore ..	29·930	29 961	—·038	Calm	39	86·2	4th „	51·5	1st „	82 6	55 6	69 2	+2·3	61·0
East Bengal.	Chittagong	Chittagong ...	29 935	29 973	—·031	Calm	45	84·7	6th „	57·1	1st „	83·2	60·5	71·9	+4·6	64 7
	Chittagong Hill Tracts	Demagiri ...	Observations not received.													
	Backergunge	Barrisal ..	30·007	29·965	—·013	Calm	38	83·2	5th Feb.	54·1	2nd „	81·6	60·0	70·8	+6·6	66·1
	Noakhally	Noakholly ..	29·980	29 972	—·025	Calm	55	82·3	5th „	51·2	2nd „	81·1	57·0	69·1	+4·5	65·1
	Furreedpore	Furreedpore ..	29·983	29 972	—·029	Calm	36	81·5	3 & 4 „	51·0	1st „	79·4	56 1	67·8	+5 0	61·7
	Dacca	Dacca ...	29 9 2	29·963	—·0 7	ESE	62	86 6	5th „	55·3	1st „	84·0	59·9	72·0	+4·8	64·1
	Commillah	Commillah .	29·987	29·971	—·023	SEly	14	83 4	4 & 6 „	54·0	2nd „	82·4	58 3	70·4	+5 6	62·4
	Mymensingh	Mymensingh	29·958	29·969	·038	NEly	47	82·1	6th „	54·7	2nd „	8 ·3	57·1	68·7	+5·9	61·2
North Bengal.	Bogra	Bogra .	29·941	29·9 5	—·022	Calm	30	85·3	6th „	52·2	31st Jan. to 3rd Feb.	81·7	54 6	68·2	+5·8	59·6
	Pubna	Serajgunge	29 932	29 960	—·033	Variable	14	83 8	6th „	49 9	1st „	81·6	54 1	67 9	+5·6	60·2
	Rajshahye	Rampore Beauleah.	29 937	29 950	—·026	Variable	57	83·8	6th „	52 9	1st „	80·9	55·1	68·0	+6·1	61·
	Maldah	Maldah ..	29·9 9	29·974	—	SW	75	87·3	6th „	50·5	1st „	83·8	53·2	68·4	—	63
	Dinagepore	Dinagepore ..	29 884	29 963	—·032	Sly	39	85·1	6th „	43·5	3rd „	82·4	51·8	67·1	+6·0	59 1
	Rungpore	Rungpore ..	29 826	29 981	—·007	Calm	18	82 8	6th „	48 6	3rd „	81·1	52 5	66·8	+6·6	56·4
	Julpigoree, Cooch Behar	Julpigoree	29 729	29 971	—·011	Calm	37	84 4	2nd „	54 1	31st Jan.	80 7	56·2	68 4	+8·3	61·5
	Darjeeling Hill Tracts ...	Darjeeling .	23 005	—	+·105	Sly	80	51 7	6th „	39·5	6th Feb	47·8	40 5*	44 6*	+7·5	43·9
North Behar.	Purneah, North Bhagulpore	Purneah ...	29·889	29·975	—·031	Calm	21	85·7	6th „	45 3	2nd „	82·5	49·5	66·0	+4·4	53·4
	Mozufferpore	Mozufferpore	29·830	29 973	—	Calm & WSW	49	83·6	6th „	48 8	1st „	81 3	51·4	66·4	—	56·9
	Durbhunga	Durbhunga ...	29 869	29 989	—·018	Calm	44	82·7	6th „	52 4	2nd „	80 6	54 3	67·4	+5·1	58·6
	Chumparun	Motihari ...	29·776	29 971	—·025	Calm & WSW	77	83 2	5 & 6 „	45·9	31st Jan.	81·3	48·9	65·2	+5·9	62·6
	Sarun	Chupra ...	29·829	29 974	—·019	Calm & SWly	75	83 3	6th „	51·6	31st Jan & 1st Feb.	81·3	53·8	67·6	+6·2	58·1
South Behar.	Shahabad	Dehree .	29·689	30 0 9	—·005	SWly	137	84·3	3rd „	58·5	6th „	82·4	61·4*	71·8*	+8·6*	65·1
		Buxar ..	29·701	29·998	—·023	NW	82	85·4	6th „	59·9	1st „	80·7	55·2	67·9	+6·6	62·6
		Arrah ..	29 822	29·974	—·016	NW	68	83 3	6th „	?		81 7	?	?	?	59·
	Gya	Gya ...	29 653	30·000	—·021	S	128	84 4	3rd „	54 6	4th „	82·3	56·5	69 4	+4·1	64·6
	Patna	Bankipore .	29·814	29 988	—·033	W	77	79·8	3rd „	53 4	31st Jan.	78 0	55·1	66 5	+4·6	64·7
	South Bhagulpore, Monghyr	Bhagulpore ...	29 854	29 974	—·022	Calm	6	84·7	6th „	51·0	1st Feb.	81·8	54·1	68·0	+5·9	61·6
Chutia Nagpur.	Sonthal Pergunnahs ...	Doomka ...	29·592	29·980	—·034	Calm	43	84·3	6th „	52·8	31st Jan.	82·7	55·8	69·3	+5·7	58·4
	Hazaribagh	Hazaribagh ...	27·931	29·990	—·006	Wly	100	81·2	3 & 6 „	53·0	1st Feb.	79·0	55·6	67·3	+4·6	63·4
	Lohardugga, Manbhoom	Ranchee ...	27·854	29·981	—·002	Calm Wly	132	82·0	6th „	52·9	2nd „	79·1	55·4	67·3	+5·8	64·7
	Singbhoom	Chyebassa ...	29·255	29·936	+·007	SWly	35	80·0	4th „	55·0	31st Jan.	86 2	56·6	71·4	+4·6	69·4

* Mean of 6 days.

Explanation.—*Summary.*—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last ... past ... The humidity of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the ... stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 6th of February 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	DISTRICT OBSERVATIONS. RAINFALL. Of week. Mean for district.	Of week. Normal mean.	Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 19th October 1891. Mean for district.	Since 19th October 1891. Normal mean.	Since 19th October 1891. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.
80	0·4	Nil	Nil	0·17	Nil	0·17	—0·17	8·34	6·82	+1·52	0·00	0·23	Pooree ...	Pooree	Orissa.
72	0	Nil											Gopalpore ...		
89	0·4	Nil											False Point ...		
75	1·4	Nil	Nil	0·17	Nil	0·17	—0·17	7·69	4·59	+3·10	0·00	0·32	Cuttack ...	Cuttack	
73	0	Nil	Nil	0·32	Nil	0·32	—0·32	3·99	3·61	+0·38	0·00	0·47	Balasore ...	Balasore	
86	1·0	Nil	Nil	0·58	Nil	0·58	—0·58	2·54	5·25	—2·71	0·00	0·65	Saugor Island ...	South-West Midnapore South 24-Pergunnahs	South-West Bengal.
65	0·9	Nil	Nil	0·48	Nil	0·48	—0·48	0·28	2·93	—2·65	0·00	0·5[illegible]	Midnapore ...	Midnapore	
83	0·7	Nil	Nil	0·53	Nil	0·53	—0·53	0·46	2·90	—2·44	0·00	0·58	Calcutta ...	24-Pergunnahs ... Howrah ... ... Hooghly	
55	0	Nil	Nil	0·35	Nil	0·35	—0·35	0·54	2·50	—1·96	0·00	0·50	Burdwan ...	Burdwan	
64	0·4	Nil	Nil	0·18	Nil	0·18	—0·18	0·56	2·23	—1·67	0·00	0·41	Bankoora ...	Bankoora	
61	0·1	Nil	Nil	0·34	Nil	0·34	—0·34	1·35	1·93	—0·58	0·00	0·57	Raneegunge ...	Beerbhoom ... ... West Burdwan ...	
84	0·1	Nil	Nil	0·28	Nil	0·28	—0·28	1·34	1·76	—0·42	0·00	0·48	Berhampore ...	Moorshedabad ...	
74	0·4	Nil	Nil	0·36	Nil	0·36	—0·36	0·74	2·51	—1·77	0·00	0·55	Krishnagur ...	Nuddea	
90	1·1	Nil	Nil	0·32	Nil	0·32	—0·32	1·85	3·05	—1·20	0·00	0·45	Jessore ...	Jessore ... ... Khoolna	
87	1·6	Nil	Nil	0·22	Nil	0·22	—0·22	3·00	5·83	—2·83	0·00	0·44	Chittagong ...	Chittagong	East Bengal.
			Nil	0·29	Nil	0·29	—0·29	3·33	5·28	—1·95	0·00	0·50	Demagiri ...	Chittagong Hill Tracts	
86	3·9	Nil	Nil	0·28	Nil	0·28	—0·28	1·34	4·49	—3·15	0·00	0·44	Barrisal ...	Backergunge	
91	0	Nil	Nil	0·22	Nil	0·22	—0·22	2·43	5·71	—3·28	0·00	0·29	Noakhally ...	Noakhally	
91	0	Nil	Nil	0·26	Nil	0·26	—0·26	1·94	2·51	—0·57	0·00	0·44	Furreedpore ...	Furreedpore	
90	2·0	Nil	Nil	0·28	Nil	0·28	—0·28	2·47	3·11	—0·64	0·00	0·43	Dacca ...	Dacca	
90	2·3	Nil	Nil	0·24	Nil	0·24	—0·24	5·67	3·36	+2·31	0·00	0·41	Commillah ...	Commillah	
91	0·6	Nil	Nil	0·21	Nil	0·21	—0·21	1·91	2·58	—0·67	0·00	0·40	Mymensingh ...	Mymensingh	
86	0	Nil	Nil	0·15	Nil	0·15	—0·15	2·34	1·89	+0·45	0·00	0·37	Bogra ...	Bogra	North Bengal.
90	0	Nil	Nil	0·30	Nil	0·30	—0·30	1·05	2·46	—1·41	0·00	0·57	Serajgunge ...	Pubna	
79	0	Nil	Nil	0·22	Nil	0·22	—0·22	1·22	1·89	—0·67	0·00	0·40	Rampore Beauleah	Rajshahye	
75	0	Nil	Nil	0·10	Nil	0·10	—0·10	0·14	1·88	—1·74	0·00	0·43	Maldah ...	Maldah	
70	0	Nil	Nil	0·08	Nil	0·08	—0·08	0·19	1·38	—1·19	0·00	0·25	Dinagepore ...	Dinagepore	
92	0·1	Nil	Nil	0·06	Nil	0·06	—0·06	0·17	1·71	—1·54	0·00	0·25	Rungpore ...	Rungpore	
92	0	Nil	Nil	0·03	Nil	0·03	—0·03	Nil	1·93	—1·93	0·00	0·14	Julpigoree ...	Julpigoree ... ... Cooch Behar	
85	5·0	0·31	0·08	0·15	0·08	0·15	—0·07	1·09	3·49	—2·31	0·25	0·41	Darjeeling ...	Darjeeling Hill Tracts	
87	0	Nil	Nil	0·09	Nil	0·09	—0·09	Nil	1·75	—1·75	0·00	0·31	Purneah ...	Purneah ... ... North Bhagulpore ...	North Behar.
90	0	Nil	Nil	0·16	Nil	0·16	—0·16	0·09	1·82	—1·73	0·00	0·34	Mozufferpore ...	Mozufferpore	
79	0	Nil	Nil	0·21	Nil	0·21	—0·21	0·01	1·73	—1·72	0·00	0·25	Durbhunga ...	Durbhunga	
90	0·6	Nil	Nil	0·11	Nil	0·11	—0·11	Nil	1·34	—1·34	0·00	0·32	Motihari ...	Chumparun	
83	0	Nil	Nil	0·11	Nil	0·11	—0·11	0·05	1·81	—1·76	0·00	0·23	Chupra ...	Sarun	
69	1·0	Nil											Dehree ...		South Behar.
70	0·9	Nil	Nil	0·18	Nil	0·18	—0·18	0·17	2·33	—2·16	0·00	0·36	Buxar ...	Shahabad	
92	0·3	Nil											Arrah ...		
60	1·7	Nil	Nil	0·20	Nil	0·20	—0·20	0·33	1·93	—1·60	0·00	0·41	Gya ...	Gya	
65	1·0	Nil	Nil	0·17	Nil	0·17	—0·17	0·18	2·06	—1·88	0·00	0·43	Bankipore ...	Patna	
69	0	Nil	Nil	0·15	Nil	0·15	—0·15	0·07	2·01	—1·94	0·00	0·36	Bhagulpore ...	South Bhagulpore ... Monghyr	
69	0	Nil	Nil	0·19	Nil	0·19	—0·19	0·49	1·83	—1·34	0·00	0·35	Doomka ...	Sonthal Pergunnahs .	
58	0·6	Nil	Nil	0·21	Nil	0·21	—0·21	0·15	1·98	—1·83	0·00	0·39	Hazaribagh ...	Hazaribagh	Chutia Nagpur.
64	1·0	Nil	Nil Nil	0·34 0·42	Nil Nil	0·34 0·42	—0·34 —0·42	0·18 0·46	2·71 2·24	—2·53 —1·78	0·00 0·00	0·49 0·64	Ranchi ...	Lohardugga ... ... Manbhoom	
53	0	Nil	Nil	0·46	Nil	0·46	—0·46	0·54	3·06	—2·52	0·00	0·45	Chyebassa ...	Singhbhoom	

ten years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal means ten years. The means of the district are the numerical average of the rainfall return received in the district, *i.e.*, from total rainfall at the subdivisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 6th of February 1892.

Meteorological division.	District.	Station.	Rainfall.— Sunday, 31st Jan.	Monday, 1st Feb.	Tuesday, 2nd Feb.	Wednesday, 3rd Feb.	Thursday, 4th Feb.	Friday, 5th Feb.	Saturday, 6th Feb.	Total.— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
Orissa	Pooree	Pooree	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·17	15·91	7·68
		Khurdah	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·11	3·74	5·06
		Banpur	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·09	1·77	6·50
		False Point	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·29	12·25	8·01
		Gop	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Satpara	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·10	?
		Pipli	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·98	?
	Cuttack	Jagatsingpore	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·05	12·47	4·51
		Banki	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·14	1·17	4·72
		Cuttack	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	4·87	4·66
		Kendrapara	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·21	16·72	4·74
		Jajpore	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·27	3·24	4·29
		Dharmsala	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	5·36	?
		Salipore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	8·20	?
		Akhyapada	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·74	?
	Balasore	Chandbali	......	......	......	......	......	......	......	Nil	Nil	0·30	Nil	0·30	11·05	5·00
		Bhuddruck	......	......	......	......	......	......	......	Nil	Nil	0·44	Nil	0·44	5·85	4·07
		Sorah	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·19	3·93	3·25
		Balasore	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	0·34	2·47	4·38
		Jellasore	......	......	......	......	......	......	......	Nil	Nil	0·42	Nil	0·42	0·82	2·46
		Baripodah	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·24	0·35	2·51
South-West Bengal.	Midnapore	Contai	......	......	......	......	......	......	......	Nil	Nil	0·62	Nil	0·62	2·49	5·82
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	0·55	Nil	0·55	4·44	6·04
		Tumlook	......	......	......	......	......	......	......	Nil	Nil	0·63	Nil	0·63	0·35	3·62
		Midnapore	......	......	......	......	......	......	......	Nil	Nil	0·41	Nil	0·41	0·18	3·37
		Ghattal	......	......	......	......	......	......	......	Nil	Nil	0·40	Nil	0·40	0·33	1·81
		Kukrahaty	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·31	?
		Garbetta	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·19	?
	24-Pergunnahs	Diamond Harbour	......	......	......	......	......	......	......	Nil	Nil	0·57	Nil	0·57	0·70	3·88
		Canning Town	......	......	......	......	......	......	......	Nil	Nil	?		?	2·34	?
		Alipore Jail	......	......	......	......	......	......	......	Nil	Nil	0·51	Nil	0·51	0·43	3·55
		Barrackpore	......	......	......	......	......	......	......	Nil	Nil	0·64	Nil	0·64	0·28	2·89
		Dum-Dum	......	......	......	......	......	......	......	Nil	Nil	0·50	Nil	0·50	0·40	2·99
		Baraset	......	......	......	......	......	......	......	Nil	Nil	0·64	Nil	0·64	0·36	3·21
		Buseerhat	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·32	1·28	2·63
	Howrah	Howrah	......	......	......	......	......	......	......	Nil	Nil	0·43		0·43	0·29	3·09
		Mohesreka	......	......	......	......	......	......	......	Nil	Nil	0·46	Nil	0·46	0·41	2·40
		Oolooberiah	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·36	?
	Hooghly	Serampore	......	......	......	......	......	......	......	Nil	Nil	0·62	Nil	0·62	0·49	2·78
		Hooghly	......	......	......	......	......	......	......	Nil	Nil	0·62	Nil	0·62	0·33	2·89
		Jehanabad	......	......	......	......	......	......	......	Nil	Nil	0·57	Nil	0·57	0·30	2·62
	Burdwan	Culna	......	......	......	......	......	......	......	Nil	Nil	0·35	Nil	0·35	0·34	2·51
		Burdwan	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·31	0·28	2·45
		Cutwa	......	......	......	......	......	......	......	Nil	Nil	0·39	Nil	0·39	0·08	2·54
		Raneegunge	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	0·34	0·56	1·89
		Mankur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·85	?
	Bankoora	Bankoora	......	......	......	......	......	......	......	Nil	Nil	0·33	Nil	0·33	0·69	2·39
		Bishenpore	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·11	0·37	2·12
		Maliara	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	0·65	1·76
		Khatra	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·11	0·50	2·02
		Indas	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·48	?
		Kotalpore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·30	?
		Anda	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
		Gangajalghati	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·29	?
		Raipore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·82	?
		Sonamukhi	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·51	?
	Beerbhoom	Bh. Soory	......	......	......	......	......	......	......	Nil	Nil	0·38	Nil	0·38	1·45	2·39
		Hetampore	......	......	......	......	......	......	......	Nil	Nil	0·37	Nil	0·37	1·52	1·56
		Rampore Haut	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·27	1·88	1·86
		Bolpore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·10	?
		Murari	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·56	?
	Nuddea	Ranaghat	......	......	......	......	......	......	......	Nil	Nil	0·37	Nil	0·37	0·60	2·60
		Kishnaghur	......	......	......	......	......	......	......	Nil	Nil	0·40	Nil	0·40	1·30	2·07
		Chooadanga	......	......	......	......	......	......	......	Nil	Nil	0·35	Nil	0·35	0·47	2·82
		Meherpore	......	......	......	......	......	......	......	Nil	Nil	0·30	Nil	0·30	0·30	2·20
		Kooshtea	......	......	......	......	......	......	......	Nil	Nil	0·36	Nil	0·36	1·00	2·85
	Khoolna	Satkhira	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·29	3·13	3·00
		Bagirhat	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·29	2·78	3·45
		Khoolna	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·25	3·89	3·36
		Nakipur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·82	?
		Rampal	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·80	?
	Jessore	Narail	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·26	2·13	3·41
		Jessore	......	......	......	......	......	......	......	Nil	Nil	0·35	Nil	0·35	1·43	3·30
		Jhenidah	......	......	......	......	......	......	......	Nil	Nil	0·43	Nil	0·43	0·34	2·73
		Magoorah	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·29	0·52	2·18
		Bongong	......	......	......	......	......	......	......	Nil	Nil	0·36	Nil	0·36	0·56	2·89
	Moorshedabad	Kandi	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·22	1·20	1·93
		Berhampore	......	......	......	......	......	......	......	Nil	Nil	0·36	Nil	0·36	1·06	1·99
		Lalbagh	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·22	0·68	1·50
		Azimgunge	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·29	1·86	1·91
		Jungipore	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·31	1·43	1·66
		Lalgola	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·28	1·60	1·59
		Akhrigunj	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·63	?
		Patkabari	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·10	?
Bengal	Chittagong	Cox's Bazar	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·17	4·01	6·91
		Chittagong	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·27	1·98	4·75
		Kutubdia	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·81	?
		Satkanya	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·73	?
	Chittagong Hill Tracts.	Rangamati	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·29	3·33	5·28
		Bundarbun	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·04	?
	Backergunge	Patuakhally	......	......	......	......	......	......	......	Nil	Nil	0·43	Nil	0·43	0·93	5·11
		Perozepore	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·27	1·69	4·28
		Burrisal	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·23	2·21	4·48
		Bhola	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·18	0·53	4·13

tatement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 6th of February 1892—contd.

eteorological division.	District.	Station.	Rainfall. Sunday, 31st Jan.	Monday, 1st Feb.	Tuesday, 2nd Feb.	Wednesday, 3rd Feb.	Thursday, 4th Feb.	Friday, 5th Feb.	Saturday, 6th Feb.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
ast Bengal —concld.		*Gournaddi* ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·01	?
		Bauphal ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·00	?
	Noakholly ...	Noakholly ..	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·25	2·77	4·98
		Fenny ..	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·19	2·09	6·44
		Harishpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·47	?
		Ramganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·30	?
	Furreedpore...	Madaripore ..	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·20	4·24	2·50
		Furreedpore..	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·24	1·07	2·35
		Goalundo ..	......	......	......	......	......	......	......	Nil	Nil	0·35	Nil	0·35	0·53	2·63
	Dacca ...	Munshigunge	......	......	......	......	......	......	......	Nil	Nil	0·37	Nil	0·37	3·78	3·62
		Dacca ..	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·31	1·96	2·33
		Naraingunge	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·22	3·34	4·12
		Manickgunge	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·20	0·82	2·37
		Joydebpore .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·95	?
	Hill Tipperah Tipperah ...	Agartola ..	......	......	......	......	......	......	......	Nil	Nil	0·30	Nil	0·30	7·40	4·21
		Comilla ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·26	6·42	3·39
		Chandpore ..	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·12	4·45	2·59
		Brahmunberia	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·29	4·59	3·26
		Ramchandrapore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·42	?
		Nasirnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·55	?
		Daudkandi ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·17	?
		Kasba ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	7·44	?
		Laksham ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·05	?
	Mymensingh..	Kishoregunge	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·23	1·67	2·63
		Atia (*Tangail*)	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·25	0·63	2·40
		Mymensingh	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·17	2·57	2·57
		Jamalpore ..	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·27	3·00	2·47
		Netrokona ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·13	1·71	2·81
		Subornakhali	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·10	?
		Durgapore ...	......	......	......	......	......	......	......	Nil	Nil	?		?	?	?
		Sherepore Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·08	?
		Dewanganj ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·84	?
North Bengal.	Pubna ...	Pubna ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·25	0·99	2·34
		Serajgunge ..	......	......	......	......	......	......	......	Nil	Nil	0·36	Nil	0·36	1·09	2·59
	Bogra ...	Sherepore ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	2·64	2·14
		Nowkhilla ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·10	2·67	1·93
		Bogra ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	3·60	2·31
		Panchbibi ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	0·45	1·14
	Rajshahye ...	Beauleah ...	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·27	0·31	1·88
		Nattore ...	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·31	1·44	2·26
		Naogaon ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·08	1·90	1·52
		Lalpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·07	?
		Manda .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·00	?
	Maldah ...	Maldah ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·12	0·26	2·15
		Chanchal ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·09	0·02	1·61
		Gajol ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·15	?
		Sibganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·93	?
	Dinagepore	Mohadebpore	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·04	0·70	1·09
		Churamon ..	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·03	0·08	1·08
		Raigunge ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·06	Nil	0·97
		Dinagepore .	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·12	Nil	2·57
		Baloorghat .	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·15	0·17	1·35
		Thakoorgaon	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Rungpore ..	Bhowanigunge (*Gyabanda*)	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·10	0·54	1·78
		Rungpore ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·04	0·09	2·28
		Kurigram ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·04	0·06	1·49
		Bagdogra (*Nilphamari*)	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·06	Nil	1·29
		Ulipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·48	?
	Julpigoree .	Julpigoree ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·05	Nil	2·80
		Alipore Dooar	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Fallacotta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Debiganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bhagatpore (Nagrakatta)	......	......	......	0·08	......	......	......	Nil	0·08	?	0·08	?	1·40	?
	Cooch Behar	Dinhatta ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·03	Nil	1·82
		Cooch Behar..	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·03	Nil	1·73
		Mickilgunge..	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·02	Nil	1·63
		Matabhanga...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·02	Nil	1·44
	Darjeeling Hill.	Buxa ..	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	3·04	5·08
		Silliguri ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·03	Nil	1·63
		Darjeeling ..	0·31	......	......	......	......	......	......	1	0·31	0·26	0·31	0·26	0·06	4·03
		Kalimpong ..	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	0·61	2·27
		Kurseong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·06	?
rth Behar	Purneah ...	Kissengunge...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·07	Nil	1·88
		Arrareah ..	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·07	Nil	1·60
		Purneah .	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·07	Nil	2·17
		Gondwara ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Barsoe ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Matiari ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Kaliaganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	North Bhagulpore.	Maddapore ..	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·15	Nil	1·60
		Soopool ..	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·11	Nil	1·51
		Protabganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Durbhunga ...	Tajpore ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·18	Nil	1·67
		Durbhunga ..	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·22	0·03	1·71
		Madhubani ..	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·23	Nil	1·81
		Bahera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Roshera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Mozufferpore	Sitamarhi ..	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·08	Nil	1·27
		Mozufferpore	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	Nil	2·41
		Hajipore ..	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·24	0·25	1·77
		Paru ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Mahua ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·05	?
		Siuhar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pupri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 6th of February 1892—concld.

Meteorological division.	District.	Station.	Rainfall. Sunday, 31st Jan.	Monday, 1st Feb.	Tuesday, 2nd Feb.	Wednesday, 3rd Feb.	Thursday, 4th Feb.	Friday, 5th Feb.	Saturday, 6th Feb.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
NORTH BEHAR—*concluded.*	Chumparun ...	Motihari ..	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·12	Nil	1·34
		Bettiah ..	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·10	Nil	1·34
		Baguha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Burhurwa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Sarun ...	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·05	0·07	1·25
		Sewan	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·12	0·09	2·10
		Chuprah ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·15	Nil	2·08
SOUTH BEHAR	Shahabad ...	Buxar	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·12	0·24	2·31
		Dehree	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	0·04	2·10
		Bhaboonah ...	......	......	......	......	......	......	......	Nil	Nil	0·33	Nil	0·33	0·43	2·81
		Sasseram ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·26	0·08	2·34
		Arrah ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·17	0·09	2·02
		Mohaniah .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·21	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Ugeaon ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	
		Rammagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	
		Koath ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	
		Sikrowl .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	
		Bassawan ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	
		Manaharpur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	
	Gya	Aurungabad ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·14	0·37	1·65
		Gya ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·25	0·85	2·11
		Nowadah ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·21	0·08	2·06
		Jehanabad ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·18	Nil	1·90
		Arwal .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Daudnagar .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sherghatti ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·26	?
		Rajauli .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·30	?
		PakriBarawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·03	?
	Patna	Patna ..	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·15	0·27	2·04
		Dinapore	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	0·20	1·99
		Behar ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·19	0·06	2·26
		Barrh ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·18	0·13	1·96
		Bickram ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hilsa .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
	Monghyr ...	Begooseral ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·14	0·05	2·28
		Monghyr	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	Nil	2·03
		Jamui .	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·20	0·10	1·79
		Gogri ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	South Bhagulpore	Bhagulpore ..	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·09	0·01	1·72
		Banka ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	0·18	2·23
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bongaon	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Sonthal Pergunnahs.	Rajmohal ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·03	0·14	1·29
		Godda ..	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·11	0·08	1·54
		Pakour	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·26	1·85	1·48
		Nya Doomka	......	......	......	......	......	......	......	Nil	Nil	0·30	Nil	0·30	0·38	2·14
		Deoghur	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·25	0·18	2·70
		Jamtara ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·17	0·30	1·83
		Mohagama .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Nanihat .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·70	?
CHUTIA NAGPUR.	Hazaribagh	Pachamba ... (*Giridi*).	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·31	Nil	1·99
		Hazaribagh	......	......	......	......	......	......	......	Nil	Nil	0·39	Nil	0·39	0·15	2·35
		Somtaguran	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·04	Nil	1·46
		Mahudi Hills	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·14	Nil	1·95
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·15	0·50	2·12
		Barhi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·07	?
		Chatra ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·05	?
		Karagdeha .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·17	?
		Ramghar .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·16	?
	Lohardugga .	Lohardugga ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·19	0·22	2·85
		Ranchi ...	......	......	......	......	......	......	......	Nil	Nil	0·49	Nil	0·40	0·26	2·72
		Palamow	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	0·34	0·06	2·56
		Silli .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Balumat	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hosseinabad	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·50	?
		Garwah	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·10	?
	Singbhoom ...	Chyebassa ...	......	......	......	......	......	......	......	Nil	Nil	0·46	Nil	0·46	0·54	3·06
		Chakradharpore.	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Ghatsilla ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·88	?
		Baharagura	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·62	?
	Manbhoom	Purulia ...	......	......	......	......	......	......	......	Nil	Nil	0·41	Nil	0·41	0·65	2·21
		Gobindpore	......	......	......	......	......	......	......	Nil	Nil	0·43	Nil	0·43	0·25	2·26
		Raghunathpore.	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Barrabhoom	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·70	?
		Jhalda ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·23	?
		Chas .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·19	?
		Pandra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?

Explanation.— ..... indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the 9th February* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 6TH OF FEBRUARY 1892.

AT the close of the previous week the meteorological conditions were fairly normal, except that temperature was unusually high for the season. On the 31st of January, or the first day of the present week, pressure remained fairly steady, though at many stations there was a slight decrease, while temperature on the whole was falling slowly; light north-westerly winds were blowing at almost all stations, and conditions on the whole were nearly normal except in the case of temperature, which was from about 2° to 6° in excess. A slight shower of rain was reported from Darjeeling on this day. A very distinct fall of pressure was reported on the 1st of February, but still pressure remained above the normal by small amounts; temperature also fell slowly, but the mean temperature was still largely in excess. On the 2nd instant winds had become distinctly more westerly, and at a few stations south-westerly winds were reported; pressure had also fallen rather rapidly, usually by more than a twentieth of an inch and had become almost normal, while temperature had risen moderately to rapidly and averaged about 5° to 7° above the normal over the whole province. On the 3rd instant a further rapid fall of pressure took place which at some stations exceeded a tenth of an inch, and a very feeble area of low pressure formed over Bengal, the centre of which appeared to be near Krishnagore, and there was a slight but distinct tendency for winds to circulate cyclonically round the same centre. Temperature also again rose rather rapidly in Bengal, the increase averaging about 2°. A few drops of rain were also reported at Bhogotpore on the 3rd. On the 4th, pressure was almost steady in Bengal, but the area of lowest pressure had been removed to Saugor Island and Calcutta, and to the west of this feeble low pressure winds were north-westerly and to the east of it south-easterly. The changes of temperature were a little variable, but at most stations there had been an increase. On the 5th, pressure began to rise slowly, but it was still largely below the normal, and temperature also continued generally from about 5° to 8° above the normal of the day; winds, however, generally became a little more normal, though at a good many stations winds were more or less southerly. On the 6th, pressure again rose slowly, but was still from about a twentieth to a tenth of an inch below the normal, and again temperature remained exceptionally high, for the mean of the day was from about 6° to 9° in excess. Winds also on this day had became southerly at almost all stations, and altogether conditions were very abnormal for the beginning of February; but probably these abnormal conditions were to a great extent connected with the existence of a shallow depression which had been reported on the 5th to be travelling in a south-easterly direction along the North-West Himalayas.

Pressure.—The mean pressure of the province for the week has been in defect of the normal by amounts usually equalling 0·02" to 0·04," and this defect has been fairly equal in all districts except in the extreme west of the province, where pressure has been more nearly normal.

Temperature—Has been exceptionally high throughout the week, and in most divisions (except Orissa) there has been an excess of about five or six degrees. The excess has been smaller in Orissa, where it only equals 2 5,° but the average excess in the mean temperature for the whole province has been the very large amount of five degrees.

The variation of temperature is, however, most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in different districts of the province are compared with the normal values for the s ameperiod Both day and night temperatures have been almost equally in excess :—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 6th February 1892.

	Normal mean maximum temperature for the week ending 6th February.	Actual mean maximum temperature for the week ending 6th February 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 6th February.	Actual mean minimum temperature for the week ending 6th February 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 6th February.	Actual mean daily temperature for the week ending 6th February 1892.	Variation of actual mean from the normal.
Cuttack	87·0	89·0	+2·0	61·4	62·1	+0·7	74·2	75 6	+1·4
Calcutta	78·3	83·1	+4·8	56·2	57·4	+1·2	67·3	70·3	+3 0
Dacca	79·6	84·0	+4·4	51·8	56·9	+5·1	67·2	72·0	+4·8
Burdwan	80·0	84·4	+4·4	54·8	58·4	+3·6	67·4	71·4	+4·0
Patna	74·4	78·0	+3·6	49·5	55·1	+5·6	62·0	66·5	+4·5
Gya	77·7	82·3	+4·6	53·0	56·5	+3·5	65·3	69·4	+4·1
Purneah	75·7	82 5	+6·8	47·4	49·5	+2·1	61·6	66·0	+4·4
Hazaribagh	74·3	79·0	+4·7	51·9	55·6	+4·7	62·6	67·3	+4·7
Darjeeling	42·3	47·8	+5·5	31·7	40·8	+9·1	37·0	44·6	+7·6

Rainfall.—Except for light showers at Darjeeling and Bhogotpore, the whole province has been rainless throughout the week.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 6th of February 1892 :—

Meteorological Divisions.	Temperature. Highest observed during week.	Temperature. Lowest observed during week.	Temperature. Averages for week. Of highest of each day.	Temperature. Averages for week. Of lowest of each day.	Temperature. Averages for week. Of mean for each day.	Temperature. Average mean of week above or below normal mean of week.	Rainfall. Of week. Average.	Rainfall. Of week. Normal average.	Rainfall. Of week. Variation.	Rainfall. Rainy days. Average number in week.	Rainfall. Rainy days. Normal average number in week.	Rainfall. Rainy days. Variation.	Rainfall. Since 1st of month. Average.	Rainfall. Since 1st of month. Normal average.	Rainfall. Since 16th Oct. 1891. Average.	Rainfall. Since 16th Oct. 1891. Normal average.
Orissa	93·2	56·5	85·5	62·8	74·2	+2·5	Nil	0·23	—0·23	0·00	0·35	—0·35	Nil	0·23	6·44	4·79
South-West Bengal ...	90·3	50·9	83·7	58·3	71·0	+4·2	Nil	0·38	—0·38	0·00	0·52	—0·52	Nil	0·38	1·05	2·72
East Bengal	86·6	51·0	81·7	58·4	70·1	+5·3	Nil	0·25	—0·25	0·00	0·41	—0·41	Nil	0·25	2·41	3·71
North Bengal	87·3	48·5	81·7	53·9	67·8	+6·4	Nil	0·11	—0·11	0·00	0·30	—0·30	Nil	0·11	0·65	1·80
North Behar	85·7	45·3	81·4	51·6	66·5	+5·4	Nil	0·13	—0·13	0·00	0·30	—0·30	Nil	0·13	0·03	1·71
South Behar	84·7	50·9	81·4	56·5	68·0	+6·0	Nil	0·17	—0·17	0·00	0·38	—0·38	Nil	0·17	0·24	2·02
Chutia Nagpur	82·0*	52·9*	79·1*	55·5*	67·3*	+5·1*	Nil	0·30	—0·30	0·00	0·47	—0·47	Nil	0·30	0·25	2·32

* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL,
The 9th February 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of January 1892.

	Inches.	Date.	Hour.
The mean pressure of the month	30·020		
The average pressure of January from 24 years' registers ...	30·014		
The highest pressure in the month	30·197	24th	10
The lowest pressure in the month	29·826	14th	16
The range of pressure	0·371		
	Hours.		
The total number of hours of bright sunshine during the month	269·7		
The maximum possible number of hours of sunshine ...	337·3		
	ϴ		
The mean temperature of the month	66·3		
The average temperature of January from 24 years' registers	67·7		
The highest temperature in the month	85·5	14th	
The lowest temperature in the month	49·5	21st	
The range of temperature during the month	36·0		
The mean daily range of temperature	25·0		
The greatest range of temperature in one day	29·0	21st	
	Per cent.		
The mean humidity of the month	69		
The average humidity of January from 24 years' registers ...	71		
	Inches.		
The mean vapour tension of the month	0·431		
The average vapour tension of January from 9 years' registers	0·467		
The mean cloud proportion of the month	0·74		
The average cloud proportion of January from 15 years' registers	1·34		
The total rainfall of the month	Nil.		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground)	Nil.		
The average fall of January from 48 years' registers ...	0·43		
The greatest fall in 24 hours	Nil.		
	Days.		
The number of rainy days in the month	Nil.		
The average number of rainy days in January from 24 years' registers	2		
	ϴ		
The mean maximum equilibrium temperature of solar radiation during the month	131·9		
The mean difference of sun and air temperatures	52·1		
The greatest sun temperature	137·8	14th	
The greatest excess of sun over air temperature	57·6	20th	
The mean temperature of the nocturnal radiation thermometer on woollen cloth	47·3		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground	8·1		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature	9·5	5th	
	Miles.		
The mean movement of the wind per day	57·5		
The greatest movement of the wind in one day	117·0	11th	
The greatest movement of the wind in one hour	11·0	11th, noon to 1 P.M.	

The number of hours with winds from each of the 8 points—

N. 171, N.E. 33, E. 23, S.E. 16, S. 30, S.W. 90, W. 109, N.W. 150, Calm 122.

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park Street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore ·003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 2·5° lower; and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0·6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

C. LITTLE,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 8th February 1892.

Abstract of the Results of the Barometric and Thermometric Observations taken at 10 a.m. at the Meteorological Office, Chowringhee, in the month of January 1892.

	Inches.	Date.
The mean pressure at 10 A.M during the month	30·100	
The mean temperature at 10 A.M. during the month	71°·7	
The highest temperature during the month	87·0	14th.
The lowest temperature during the month	49·9	21st.
The absolute range of temperature during the month	37·1	
The mean daily range of temperature during the month ...	25·2	
The greatest range of temperature in one day during the month ...	29·4	21st.
	°/o	
The mean 10 A.M. humidity during the month	60	
	Inch.	
The mean 10 A.M. vapour tension during the month	·465	
The total rainfall of the month	Nil	
The greatest fall in 24 hours	...	
The number of rainy days in the month	...	

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
The 8th February 1892.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 31st January to 6th February 1892.

MONTH.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	TEMPERATURE. Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	HYGROMETRY. Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	Rainfall past 24 hours.
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
January ...	31st ...	30 115	69·6	82 9	26·7	56·2	75 6	61·7	·361	50·0	41	Nil.
February ...	1st ...	·096	68·9	82·9	28·0	54·9	75·0	63·6	·438	55·2	50	,,
,, ...	2nd ...	·059	70 3	84 9	29·2	55·7	73·6	62·7	·425	54·4	51	,,
,, ...	3rd ...	29·954	73·7	87·0	26·6	60 4	77·6	72·6	·735	70·0	78	,,
,, ...	4th ...	·953	72·9	85·9	26·0	59·9	77·6	65·6	·471	57·2	50	,,
,, ...	5th ...	·975	72·2	85·4	26·5	58·9	75·4	68·4	·602	64·2	68	,,
,, ...	6th ...	30·001	74·4	87 5	26 2	61·3	78·6	72·1	·702	68·7	72	,,

	Inches.
The mean 10 A.M. pressure of the seven days	30·022
The mean temperature of the seven days	71°·7
The extreme variation of temperature	32·6
The maximum temperature	87·5
	°/o
The mean 10 A.M. relative humidity of the seven days	59
The total fall of rain from 31st January to 6th February 1892 ...	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The 8th February 1892.

Rajshahye ...	Rampore Beauleah	10,766	9,025	19,791	4	3	*7*	10.5	7.9	*18.4*	133	1	..	16	1	...	2	*20*	2.6	...	42.0	2.6	...	5.3	*52.5*	55.2	13	7	62.8	40.3	155
Rungpore ...	Rungpore	8,011	5,309	13,320	5	4	*9*	19.5	15.6	*35.1*	125	...	...	81	2	...	3	*86*	..	...	316.2	7.8	...	11.7	*335.7*	15.6	42	44	272.6	431.0	68
Bogra ...	Bogra	3,480	2,699	6,179	1	...	*1*	8.4	...	*8.4*	No female birth.	...	...	4	...	...	...	*4*	..	...	33.7	...	...	...	*33.7*	16.8	4	...	77.1	...	No female death.
Pubna ...	Pubna	7,701	7,566	15,267	3	5	*8*	10.2	17.0	*27.2*	60	1	...	5	...	.	3	*9*	3.4	...	17.0	..	.	10.2	*30.7*	57.9	3	6	20.3	41.2	49
	Serajganj	11,213	9,824	21,037	4	4	*8*	9.9	9.9	*19.8*	100	...	1	3	...	..	1	*5*	...	2.5	9.9	.	...	2.5	*12.4*	7.4	2	3	9.3	15.9	58
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	1	2	*3*	7.4	14.8	*22.2*	50	...	..	2	...	...	3	*5*	...	...	11.8	...	...	22.2	*37.0*	51.9	3	2	34.1	42.6	68
Julpaiguri ...	Julpaiguri ...	4,972	2,975	7,947	2	...	*2*	13.1	...	*13.1*	No female birth.	...	...	5	...	...	..	*5*	...	...	32.7	.	...	...	*32.7*	39.3	4	1	41.8	17.5	239
Dacca ...	Dacca	42,752	37,379	80,161	23	26	*49*	14.9	16.9	*31.8*	88	4	7	36	3		20	*70*	2.6	4.5	23.4	1.9	...	13.0	*45.4*	51.2	40	30	48.6	41.7	116
	Narainganj ...	7,605	4,956	12,561	8	5	*13*	33.1	20.7	*53.8*	160	...	...	7	...	...	2	*9*		.	29.0	...	...	8.3	*37.3*	24.8	5	4	34.2	42.0	81
Faridpore ...	Faridpore ...	5,663	4,600	10,263	2	2	*4*	10.1	10.1	*20.3*	100	...	...	19	...		3	*22*	...	..	96.3	..	...	15.2	*111.5*	116.5	10	12	91.8	135.7	67
Backerganj ...	Barisal	8,701	4,485	13,186	10	5	*15*	39.4	19.7	*59.2*	200	...	...	9	...	1	1	*11*	...	.	35.5	...	3.9	3.9	*43.4*	35.5	7	4	41.8	46.4	96
Mymensing ...	Nasirabad* ...	...	...	...	...	...	...	...	...	..	...	...	...		...	...	...	..	..	...	..	..	...	..	...	...	...	...	...	...	...
Chittagong ...	Chittagong ..	13,349	8,790	22,130	12	8	*20*	25.2	15.7	*47.0*	150	...	...	11	..	..	3	*14*	...	...	25.8	...	...	7.0	*32.9*	14.1	8	6	31.2	35.5	83
Noakhali ...	Sudharam ..	3,410	1,714	5,124	...	2	*2*	..	25.2	*20.2*	No male birth.	...	..	3	.	..	...	*3*	..	...	30.4	...	...	...	*30.4*	20.2	2	1	30.5	30.3	100
Tipperah ...	Comillah	8,153	5,353	13,506	11	3	*14*	42.4	11.5	*53.9*	333	...	...	6	..	...	6	*12*	...	..	23.1	...	...	23.1	*46.2*	46.2	4	8	25.5	77.7	33
Patna ...	Patna City ...	78,762	81,475	160,237	49	53	*102*	15.9	17.2	*33.1*	92	...	1	50	21	3	32	*107*	...	.3	10.2	6.8	1.0	10.4	*34.7*	34.1	51	56	33.7	35.7	94
	Behar	23,799	25,172	48,971	20	19	*39*	21.2	20.2	*41.4*	105	...	4	11	2	...	15	*32*	...	4.2	11.7	2.1	...	15.9	*34.0*	15.9	14	18	30.6	37.2	82
Gya ..	Gya	38,290	37,831	76,121	30	30	*60*	20.5	20.5	*41.0*	100	...	1	32	...	...	13	*46*	..	.7	21.8	...	...	8.9	*31.4*	26.6	28	18	38.0	24.7	154
Shahabad ...	Arrah	20,960	22,505	43,465	31	23	*54*	37.1	27.5	*64.6*	134	...	1	22	2	...	19	*44*	...	1.2	26.3	2.4	...	22.7	*52.6*	21.5	23	21	57.1	48.5	117
	Buxar	9,299	8,369	17,668	7	3	*10*	20.6	8.8	*29.4*	233	...	...	7	...	...	3	*10*	...	..	20.6	...	...	8.8	*29.4*	38.2	5	5	28.0	31.1	90
Mozufferpore...	Mozufferpore ...	23,084	19,658	42,742	14	12	*26*	17.0	14.6	*31.6*	116	...	...	13	2	...	9	*24*	..	..	15.8	2.4	...	10.9	*29.2*	24.3	14	10	31.5	26.5	118
Durbhanga ...	Durbhanga ...	33,774	32,322	66,096	20	21	*41*	15.7	16.5	*32.3*	95	...	...	20	4	...	6	*30*	...	...	15.7	3.1	...	4.7	*23.6*	31.5	15	15	23.1	24.1	96
Sarun ...	Chupra	25,116	26,554	51,670	21	13	*34*	21.1	13.1	*34.2*	161	...	..	10	2	...	16	*28*	...	..	10.1	2.0	...	16.1	*28.2*	25.2	12	16	24.5	31.3	79
Chumparun ...	Motihari	6,328	3,979	10,307	5	3	*8*	25.2	15.1	*40.4*	166	...	...	9	1	1	3	*14*	...	...	45.4	5.0	5.0	15.1	*70.6*	60.5	8	6	65.7	78.4	84
Monghyr ...	Monghyr	28,154	29,366	57,520	27	26	*53*	24.4	23.5	*47.9*	104	...	...	16	14	...	7	*37*	...	...	14.5	12.6	...	6.3	*33.4*	35.3	19	18	35.1	31.9	110
	Jamalpore ..	7,456	6,107	13,563	4	6	*10*	15.3	23.0	*38.3*	66	...	...	4	...	1	2	*7*	...	...	15.3	...	3.8	7.6	*26.8*	19.1	4	3	27.9	23.5	109
Bhagulpore ...	Bhagulpore ...	34,916	33,322	68,238	38	35	*73*	28.9	26.7	*55.6*	108	...	...	28	11	...	5	*44*	...	...	21.3	8.4	...	3.8	*33.5*	57.9	26	18	38.7	28.1	137
Purneah ...	Purneah	8,463	6,553	15,016	2	4	*6*	6.9	13.9	*20.8*	50	...	...	7	2	...	3	*12*	...	...	24.2	6.9	...	10.4	*41.6*	20.8	7	5	43.0	39.7	168
Maldah ..	English Bazar ...	6,289	6,141	12,430	1	2	*3*	4.2	8.3	*12.6*	50	..	...	19	2	...	1	*22*	..	...	79.5	8.3	...	4.2	*92.0*	87.6	13	9	107.5	76.2	141
Sonthal Pergunnahs.	Deoghur	4,964	3,041	8,005	1	...	*1*	6.5	...	*6.5*	No female birth.	..	...	2	...	...	...	*2*	...	...	13.0	...	...	...	*13.0*	39.0	1	1	10.5	17.1	61
Cuttack ...	Cuttack	22,632	20,607	43,239	15	11	*26*	18.6	13.2	*31.3*	136	4	10	13	5	...	6	*38*	4.8	12.0	15.6	6.0	...	7.2	*45.7*	31.9	18	20	41.4	52.5	82
Poori ...	Poori	13,247	11,537	24,784	5	5	*10*	10.5	10.5	*21.0*	100	1	..	6	2	...	17	*26*	2.1	...	12.6	4.2	...	35.7	*54.6*	60.8	18	13	51.0	58.6	87
Balasore ...	Balasore	10,282	9,983	20,265	7	2	*9*	17.9	5.1	*23.1*	350	..	...	3	1	..	4	*8*	...	...	7.7	2.5	...	10.3	*20.5*	33.4	5	3	25.3	15.6	162
Hazaribagh ...	Hazaribagh ...	7,639	7,667	15,306	7	5	*12*	23.8	17.0	*40.8*	140	...	...	9	2	..	...	*11*	..	...	30.6	6.8	...	...	*37.4*	27.2	9	2	61.3	13.6	450
Lohardugga .	Ranchi	10,101	8,342	18,443	6	4	*10*	16.9	11.3	*28.2*	150	...	1	3	1	1	1	*7*	...	2.8	8.4	2.8	2.8	2.8	*19.7*	5.6	4	3	20.6	18.7	110
Singbhum ..	Chaibassa	3,126	2,880	6,006	4	...	*4*	34.6	...	*34.6*	No female birth.	...	...	2	...	...	...	*2*	...	...	17.3	...	...	...	*17.3*	34.6	1	1	16.6	18.1	91
Manbhum ...	Purulia	5,060	4,244	9,304	1	2	*3*	5.6	11.1	*16.8*	50	...	...	1	...	...	2	*3*	..	...	5.6	...	...	11.1	*16.8*	33.5	...	3	...	36.8	No male death.
	Total ...	786,647	719,910	1,506,557	542	466	*1,008*	18.7	16.1	*34.8*	116	27	30	717	125	10	260	*1,169*	.0	1.0	24.7	4.3	.3	9.0	*40.3*	39.2	641	528	42.4	39.5	107

* Return not received up to date.

		13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
DISTRICTS.	NAMES OF MUNICIPALITIES.	Deaths among—					Ratio per 1,000 of population per annum.					Deaths.										Ratio per 1,000 of population per annum.									
		Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan	Burdwan	...	19	11	...	...	...	41·7	55·7	...	...	4	5	2	...	2	3	2	3	4	5	315·2	115·2	44·6	...	33·3	19·7	15·1	35·3	84·7	175·4
	Raniganj	1	10	1	...	...	325·0	58·3	28·3	...	...	3	...	2	...	...	2	1	1	1	2	663·8	...	91·9	...	...	42·9	24·2	41·6	56·1	249·4
Bankura	Bankura	...	10	...	...	...	...	30·6	...	...	...	3	...	...	...	...	2	2	..	...	3	329·8	...	...	...	...	31·6	39·4	...	...	157·1
Birbhum	Soori	...	1	...	...	...	...	8·9	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	62·4	...	...	...	...	...	...	...
Midnapore	Midnapore	...	17	5	...	...	...	34·1	36·0	...	...	3	3	1	...	...	3	3	3	1	5	210·0	66·3	13·9	...	...	21·2	28·1	41·9	25·2	142·1
Hughli, including Serampore.	Hughli and Chinsurah.	...	38	7	...	...	...	78·1	59·0	...	...	8	4	4	2	3	2	2	7	4	9	518·1	93·7	72·1	41·9	62·2	16·8	18·2	67·2	80·0	225·8
	Serampore	...	32	...	...	...	...	65·9	...	...	...	3	2	3	2	...	2	6	5	5	4	219·7	57·6	62·1	46·8	...	19·3	62·8	77·1	135·8	149·5
	Utterpara	...	7	...	...	...	...	68·3	...	...	...	...	2	...	...	2	...	1	...	1	1	...	247·0	...	...	236·4	..	49·0	...	141·3	200·0
Howrah	Howrah	...	50	16	...	...	...	38·2	40·6	...	...	9	4	4	3	4	9	6	11	10	6	226·9	37·5	33·1	23·7	28·4	20·6	16·2	48·7	94·7	63·2
	Bali	...	6	1	...	...	...	23·3	39·7	...	...	1	...	...	...	1	...	..	3	...	2	143·6	...	...	...	39·0	...	...	80·6	...	142·1
24-Pergunnahs.	Cossipore-Chitpore*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Manicktola*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Baranagore*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South Suburban*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nuddea	Krishnagar	1	12	13	...	...	91·7	33·5	81·6	...	...	6	1	4	1	1	1	2	2	3	5	629·0	21·1	60·5	18·5	25·3	10·8	24·3	81·9	74·0	150·5
	Ranaghat	...	1	...	...	...	...	7·1	...	...	...	...	...	...	...	...	...	...	..	1	..	...	...	...	...	...	...	...	...	71·8	...
	Santipore	...	8	3	...	...	...	20·1	17·4	...	...	2	1	2	1	...	1	1	1	...	2	123·1	17·9	27·5	17·9	...	10·6	12·0	14·8	...	53·0
Jessore	Jessore	...	5	5	...	...	...	57·6	68·0	...	...	...	2	...	...	1	2	1	2	1	1	...	210·5	...	...	71·0	51·6	34·0	99·0	92·4	113·5
Murshedabad.	Berhampore	...	11	3	...	...	...	31·5	30·1	...	...	...	2	1	1	1	...	1	3	1	4	...	65·2	24·6	27·3	29·5	...	11·7	45·3	27·7	131·2
	City Murshedabad	...	19	12	...	...	...	43·5	39·4	...	...	4	4	4	2	...	3	4	3	4	3	272·6	84·5	60·4	36·2	...	21·3	28·6	26·7	55·6	50·4
Khulna	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dinajpore	Dinajpore	...	8	7	...	...	...	68·7	56·8	...	...	2	...	3	1	1	1	3	2	2	2	504·9	...	124·6	52·0	51·2	19·3	63·1	66·3	...	162·8
Rajshahye	Rampore Beauleah	...	9	11	...	...	...	47·2	58·3	...	...	4	1	2	1	1	2	6	1	2	...	512·3	36·7	50·0	28·9	31·3	25·0	86·6	21·2	63·9	...
Rungpore	Rungpore	...	28	58	...	...	...	224·8	453·7	...	...	17	13	4	3	4	12	5	10	12	6	3,794·0	755·3	165·3	141·0	193·5	197·2	94·5	329·3	849·0	603·8
Bogra	Bogra	...	...	4	...	...	...	...	60·1	...	...	2	...	...	...	...	...	...	1	...	1	759·1	...	...	...	...	...	...	76·6	...	165·6

Results of the Meteorological Observations taken at the Alipore Observatory from 31st January to 6th February 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Maximum.	Range.	Minimum.	Hygrometry. Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Wind. Prevailing direction.	Miles recorded.	Rain.	Weather.
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Jan.	31st	132·7	9·3	30·043	67·9	82·2	26·4	55·8	59·6	0·402	52·9	63	WNW and NNW	58	Nil	Chiefly clear, [dew], [fog].
Feb.	1st	133·2	9·5	·021	67·4	81·5	26·9	54·6	59·1	·395	52·4	62	NW and calm ...	55	„	Clear, [dew].
„	2nd	135 5	9·7	29·972	68·2	83·1	27·9	55·2	59·8	·406	53·2	63	WNW and SW by W.	70	„	Clear, [dew].
„	3rd	137·4	9·2	·896	70·5	85·5	27 0	58·5	63·4	·493	58·6	69	SW by W and WNW.	34	„	Clear, [dew].
„	4th	137·5	9·4	·884	70·8	84·7	25·1	59·6	61·5	·424	54·4	56	NW by W and NW	55	„	Clear, [dew].
„	5th	138·5	8·5	·901	69·8	83·9	26·4	57·5	63·3	·496	58·7	68	NNE and ESE ...	42	„	Chiefly clear.
„	6th	138·6	9·3	·912	72·5	86·4	26·1	60·3	66·2	·561	62·2	70	SSE, WSW and SW by S.	98	„	Chiefly clear, [dew], [fog].

	Inches.
The mean pressure of the seven days	29·947
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·972
	Hours.
The total number of hours of bright sunshine	64·9
The maximum possible number of hours of sunshine	78·0
	°
The mean temperature of the seven days	69·6
The average temperature of the corresponding period for 24 years, S.-G.'s Office	70 0
The extreme variation of temperature	31·8
The maximum temperature	86·4
	Miles.
The highest velocity of the wind in one hour	10
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	64
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	71
	Inches.
The total fall of rain from 31st January to 6th February 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·31
The total fall from 1st January to 6th February 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·61

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

[dew], dew; [fog], fog.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 8th February 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 16th January 1892.

1	2	3			4			5			6	7							8							9	10		11		12
		POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.				Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
DISTRICTS.	NAMES OF MUNICIPALITIES.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	All causes.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	All causes.	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan	Burdwan	18,063	16,017	34,080	8	11	19	12·2	16·8	29·0	72	...	4	18	3	...	5	30	...	6·1	27·5	4·6	...	7·6	45·8	Data not received.	22	8	63·3	26·0	243
Burdwan	Raniganj	6,246	4,691	10,937	7	6	13	33·3	28·5	61·8	116	...	...	10	...	...	2	12	...	...	47·5	...	...	9·5	57·1	33·3	3	9	25·0	89·8	25
Bankura	Bankura	8,970	8,925	17,895	8	8	16	23·3	23·2	46·5	100	...	...	4	3	...	3	10	...	...	11·6	8·7	...	8·7	29·1	17·4	5	5	29·0	29·1	100
Birbhum	Soori	3,982	3,866	7,848	1	3	4	6·6	19·9	26·5	33	...	...	1	...	...	...	1	...	...	6·6	...	...	...	6·6	46·4	1	...	5·8	...	No female death.
Midnapore	Midnapore	16,927	16,633	33,560	6	6	12	9·3	9·3	18·6	100	...	...	9	1	...	12	22	...	...	13·9	1·5	...	18·6	34·1	32·5	11	11	33·8	34·4	98
Hughli, including Serampore.	Hughli and Chinsurah.	15,858	15,829	31,687	5	8	13	8·2	13·1	21·3	62	...	...	39	5	...	1	45	...	...	64·0	8·2	...	1·6	73·8	83·7	20	25	65·6	82·1	80
Hughli, including Serampore.	Serampore	13,559	12,937	26,496	10	4	14	19·6	7·9	27·5	250	...	...	17	12	...	3	32	...	...	33·4	23·5	...	5·9	62·8	30·8	24	8	92·0	32·2	285
Hughli, including Serampore.	Utterpara	3,046	2,464	5,510	2	3	5	18·9	28·3	47·2	65	...	...	2	5	...	...	7	...	...	18·9	47·2	...	...	66·1	47·2	6	1	102·4	21·1	485
Howrah	Howrah	53,153	37,660	90,813	33	25	58	18·9	14·3	33·2	132	7	...	30	14	3	12	66	4·0	...	17·2	8·0	1·7	6·9	37·8	37·8	47	19	46·0	26·2	175
Howrah	Bali	7,836	6,979	14,815	5	4	9	17·5	14·0	31·6	125	...	...	4	2	...	1	7	...	...	14·0	7·0	...	3·5	24·6	87·7	5	2	33·2	14·9	223
24-Pergunnahs.	Cossipore-Chitpore*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	87·0	...	...	...	...	......
24-Pergunnahs.	Manicktolla*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	......
24-Pergunnahs.	Baranagore*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	......
24-Pergunnahs.	South Suburban*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	......
Nuddea	Krishnagar	13,263	14,214	27,477	12	6	18	22·7	11·4	34·1	200	4	...	20	...	...	2	26	7·6	...	37·8	...	...	3·8	49·2	47·3	15	11	58·8	40·2	146
Nuddea	Ranaghat	4,028	4,655	8,683	1	4	5	6·0	23·9	29·9	25	...	...	1	...	...	...	1	...	...	6·0	...	...	...	6·0	53·8	1	...	12·9	...	No female death.
Nuddea	Santipore	13,708	15,979	29,687	15	7	22	26·3	12·2	38·5	214	2	...	8	...	...	1	11	3·5	...	14·0	...	...	1·7	19·3	56·1	6	5	22·8	16·3	40
Jessore	Jessore	4,830	3,665	8,495	2	1	3	12·2	6·1	18·3	200	3	...	4	...	...	3	10	18·3	...	24·5	...	...	18·3	61·2	55·1	5	5	53·8	70·9	76
Murshedabad	Berhampore	11,657	11,948	23,605	7	5	12	15·4	11·0	26·4	140	...	...	14	...	...	...	14	...	...	30·8	...	...	...	30·8	24·2	8	6	35·7	26·1	137
Murshedabad	City Murshedabad	18,901	20,330	39,231	14	12	26	18·5	15·9	34·5	116	...	...	19	...	...	2	31	...	...	38·4	...	...	2·6	41·1	59·6	14	17	88·5	43·5	88
Khulna	Khulna	3,249	3,043	6,292	1	...	1	8·2	...	8·2	No female birth.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·3	...	...	...	...	......
Dinajpore	Dinajpore	7,254	5,306	12,560	4	5	9	16·6	20·7	37·3	80	...	...	12	...	...	2	15	...	...	53·8	...	...	8·3	69·1	53·8	11	4	78·9	39·2	201

Pubna	Pubna ...	...	...	5	4	...	...	...	36·4	25·7	...	...	1	1	...	...	...	2	2	1	1	1	131·0	35·7	...	...	...	35·8	41·7	30·5	51·4	52·3
	Serajganj	...	...	4	1	...	...	...	24·3	4·2	...	...	1	1	...	...	1	...	1	.	...	1	96·5	21·8	...	...	31·7	...	16·4	...	...	41·6
Darjeeling ...	Darjeeling	...	...	2	...	3	...	...	22·6	...	94·4	...	1	1	1	1	...	...	...	1	..	...	439·8	80·9	88·9	106·6	...	...	...	75·1	...	...
Julpaiguri ..	Julpaiguri	...	...	2	3	...	...	...	24·5	42·8	...	...	...	..	.	...	1	3	...	...	...	1	...	...	...	...	82·0	86·0	...	...	...	165·1
Dacca	Dacca ...	...	1	32	37	...	...	103·5	41·3	48·9	...	...	17	8	6	3	1	7	10	5	5	8	465·8	56·4	31·4	19·6	7·1	23·9	44·6	31·0	54·9	74·6
	Narainganj	...	...	5	4	...	...	...	41·1	33·8	...	..	1	2	1	...	...	2	1	...	...	2	186·4	91·2	39·4	.	...	39·0	24·3	...	...	159·5
Faridpore	Faridpore	...	...	7	15	...	.	...	68·1	110·6	...	..	4	6		...	.	2	5	1	..	4	888·9	259·2	...	..	...	56·0	178·0	44·6	...	280·7
Backerganj ..	Barisal ...	...	...	2	9	...	...	...	17·2	65·5	...	.	1	.	...	..	1	1	4	1	1	2	265·3	.	...	..	41·1	16·4	83·4	34·2	58·3	163·4
Mymensingh ...	Nasirabad*	..	...	...	...	...	...	...	..	.	...	.	.	..	...	...	...	...	...	..	...	...	...	...	...	.	...	...	...	...	...	...
Chittagong ..	Chittagong	...	...	2	12	..	..	...	17·9	44·8	...	...	2	.	..	1	2	1	3	1	3	1	184·7		...	2·2	43·0	11·2	46·8	23·0	143·8	65·3
Noakhali ..	Sudharam	...	...	...	3	...	...	...	...	61·7	...	..	1		.	1	.	...	.	...	..	1	666·7	...	...	101·6	...	...	...	...	...	262·6
Tipperah ...	Comillah ...	...	...	2	14	...	...	...	17·5	70·4	...	...	6	...	...	.	1	1	1	2	..	1	1,053·5	...	...	...	41·3	18·8	26·1	79·1	...	76·7
Patna	Patna City	...	...	86	21	...	...	...	37·6	25·7	...		23	13	4	4	4	3	9	15	9	23	277·5	46·3	12·4	14·4	19·6	5·4	2·1	41·4	33·1	86·6
	Behar ...	...	...	21	11	...	...	..	32·4	37·4	...	...	11	3	5	...	3	1	2	.	4	3	385·2	25·9	43·0	..	52·2	6·1	14·5	...	57·5	43·4
Gya ...	Gya ...	...	...	42	4	...	...	...	33·4	12·9	...	...	17	2	...	4	1	2	2	2	4	12	493·9	16·4	...	30·9	9·9	7·1	8·2	10·6	31·6	121·2
Shahabad	Arrah ...	...	...	37	7	...	...	...	60·0	29·3	..	...	11	6	3	...	...	...	4	4	8	6	444·1	70·4	30·4	..	...	...	32·3	44·4	134·4	144·2
	Buxar ...	...	...	9	1	...	...	...	33·7	14·5	..	...	1	..	2	2	...	1	...	2	2	...	125·3		50·7	56·7	...	16·3	...	49·0	94·5	...
Mozufferpore ..	Mozufferpore	...	...	13	11	...	...	...	22·5	45·8	...	.	6	8	2	1	1	...	1	2	1	2	326·7	102·9	23·1	13·1	17·2	..	7·5	20·8	16·0	42·7
Durbhanga ...	Durbhanga	...	...	24	6	...	...	...	25·8	17·8	...	.	9	3	5	...	3	4	3	...	2	1	300·6	29·5	33·2	...	38·8	15·6	14·0	...	23·7	16·3
Sarun ...	Chupra ...	...	...	23	5	...	...	.	30·2	21·8	...	..	10	4	1	1	.	2	2	1	2	5	363·3	40·3	8·7	10·4	..	11·3	11·7	8·6	25·2	76·4
Chumparun ...	Motihari ...	...	...	9	5	...	...	..	62·2	93·8	...	...	4	6	...	..	...	1	..	1	...	2	1,518·2	317·7	...	...	...	25·8	...	48·5	...	171·3
Monghyr	Monghyr ...	.	...	30	7	...	...	.	34·9	29·0	...	...	9	4	1	...	...	3	1	4	4	11	316·2	[illegible]	7·4	...	...	15·1	5·3	32·6	52·3	159·5
	Jamalpore	...	...	7	..	...	...	...	37·1	...	...	...	..	1	...	..	...	2	2	.	.	2	...	34·1		.	...	37·1	43·1	...	...	155·9
Bhagulpore ...	Bhagulpore	...	...	31	10	...	...	...	26·1	27·6	...	..	8	9	4	...	1	1	4	6	6	5	289·9	72·1	29·4	...	10·5	4·0	19·0	40·8	61·5	60·4
Purneah ..	Purneah ...	...	...	10	2	...	...	...	56·7	18·4	..	...	3	2	...	...	...	1	8	...	1	2	651·2	86·1	...	...	...	15·8	38·5	...	23·3	57·6
Maldah ..	English Bazar	..	...	10	12	...	...	..	71·5	121·3	...	...	2	1	1	2	...	3	2	4	1	6	352·5	54·6	34·6	84·2	...	67·9	48·4	141·3	69·5	413·8
Sonthal Pergunnahs.	Deoghur ...	..	...	2	...	...	...	...	13·5	...	...	...	...	..	...	..	...	...	1	...	1	...	...	...	...	...	...	...	32·4	.	104·2	...
Cuttack ..	Cuttack ...	..	...	28	10	...	...	...	45·3	67·5	...	...	3	8	3	1	2	3	4	3	5	6	152·0	111·3	31·4	13·8	25·9	17·9	34·0	34·4	84·3	103·8
Pooree ..	Poori ...	..	...	26	...	..	...	..	55·1	...	...	...	5	2	...	...	..	2	4	3	4	6	858·1	57·9	...	..	..	19·7	51·3	46·9	93·2	172·8
Balasore ..	Balasore ...	..	...	8	...	...	...	...	24·7	...	...	...	2	..	...	...	2	...	..	1	...	3	196·6	...	...	...	60·8	...	...	23·4	...	134·7
Hazaribagh ..	Hazaribagh	...	1	8	2	...	..	313·3	37·8	25·2	...	...	7	2	...	...	1	1	...	.	...	..	747·4	57·1	...	...	46·6	20·0	...	...	...	...
Lohardugga ..	Ranchi ...	...	...	2	1	...	4	...	11·3	9·6	...	88·2	3	...	1	...	...	2	...	...	...	1	331·9	...	23·5	...	...	27·3	...	...	...	64·1
Singhbhum ...	Chaibassa ...	..	...	1	1	...	...	...	10·2	66·8	...	...	..	1	1	...	...	...	...	...	...	...	...	93·7	60·7	...	...	...	..	...	...	...
Manbhum ...	Purulia ...	.	1	1	1	...	...	204·8	6·7	41·7	...	...	2	...	...	...	...	...	...	1	...	...	557·6	...	...	...	...	...	..	58·9	...	...
	TOTAL ...	...	5	785	372	3	4	10·1	38·7	44·7	76·6	48·7	242	138	75	38	43	36	117	119	114	151	353·4	53·6	25·3	14·3	20·5	16·7	21·5	35·2	55·0	102·2

* Return not received up to date.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 9th February 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.,*

Sanitary Commissioner for Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 6th February 1892, *as compared with the corresponding week of the previous year.*

Nature of Cargo.	Week ending Saturday, the 6th February 1892.			Week ending Saturday, the 7th February 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	1,669	5 33,225	8,928	1,968	3,61,470	5,973
Jute	37	27,250	483	183	1,13,300	2,083
Firewood	142	97,175	1.449	79	54,075	796
Other articles	942	1.94,840	3,036	954	2,04,155	3,127
Total ...	2,790	8,52,490	13,916	3,184	7,33,000	11,979

EAST INDIAN RAILWAY.

Statement of Goods Traffic in Staples carried during the four weeks and five days ending 31st December 1891, as compared with the same period of 1890.

Staples.	1890.		1891.		Increase.		Decrease.	
	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
Coke ...	3,14,724	60,756	2,59,263	34,609	......	......	55,461	26,147
Cotton, raw ...	2,24,799	1,47,745	53,125	41,549	......	......	1,71,674	1,06,196
Cotton twist and yarn—								
1.—European ...	7,445	8,500	10,396	9,609	2,951	1,100	......	......
2.—Indian ...	19,401	11,724	22,499	12,455	3,098	731	......	......
Cotton piece-goods—								
1.—European ...	1,15,840	1,30,486	1,31,040	1,44,637	15,200	14,151	......	......
2.—Indian ...	29,542	19,625	13,061	9,074	......	......	16,481	10,551
Drugs and chemicals—								
1.—Intoxicating other than opium ...	548	241	417	134	69	......	......	107
2.—Non-intoxicating ...	3,742	2,917	12,485	12,797	8,743	9,880	......	......
Dyes and tans—								
1.—Indigo ...	44,787	50,488	75,011	84,819	30,224	34,301	......	......
2.—Myrabolams ...	16,247	3,646	33,369	8,693	17,122	5,047	......	......
3.—Aniline dyes ...	......	......	434	412	434	412	......	......
4.—Cutch ...	......	......	2,808	1,085	2,808	1,085	......	......
5.—Paints and colours ...	3,078	2,327	13,827	3,711	10,749	1,384	......	......
6.—Others ...	8,031	5,193	4,056	2,418	......	......	3,975	1,580
Grains—								
1.—Wheat ...	1,85,488	55,089	8,23,478	2,12,965	6,37,990	1,57,876	......	......
2.—Rice ...	9,00,695	1,74,772	8,40,272	1,31,251	......	......	60,423	43,521
3.—Jawar and bajra ...	......	......	95,596	12,238	95,596	12,238	......	......
4.—Gram ...	2,70,758	63,067	1,56,445	34,673	......	......	1,14,313	28,394
5.—Indigo seed ...	19,677	3,883	17,726	3,997	......	114	1,951	......
6.—Seeds other than oil-seeds ...	76,884	23,319	85,914	25,042	9,030	1,723	......	......
7.—Others ...	2,82,899	39,660	4,45,342	1,10,959	1,62,443	71,299	......	......
Hides and skins—								
1.—Hides of cattle ...	65,617	37,420	49,513	32,192	......	......	16,104	5,237
2.—Skins of sheep, &c. ...	9,546	4,387	14,672	8,273	5,126	3,886	......	......
Horns ...	1,335	583	5,550	1,514	4,215	956	......	......
Jute—								
1.—Raw ...	76,502	16,017	1,07,468	25,326	30,966	9,309	......	......
2.—Gunny-bags and cloth ...	95,448	50,034	1,06,060	51,205	10,612	1,171	......	......
Lac—								
1.—Stick ...	35,242	12,615	27,609	8,145	......	......	7,633	4,470
2.—Shell lac ...	21,852	15,351	15,351	11,261	......	......	6,501	4,090
Leather—								
1.—Unmanufactured ...	2,107	3,310	2,090	4,039	......	729	17	......
2.—Manufactured ...	4,242	4,399	4,902	5,714	660	1,315	......	......
Liquors—								
1.—Beer ...	70	13	11,279	6,720	11,209	6,707	......	......
2.—Wines ...	5,466	9,018	4,769	7,104	1,653	1,249	......	......
3.—Spirits ...			2,350	3,163			......	......
Metals—								
1.—Copper, unwrought ...			5,717	6,739				
2.—Brass, unwrought ...	30,907	20,711	4,335	2,052	......	......	2,355	1,103
3.—Brass and copper, wrought ...			18,500	10,817				
4.—Iron ...	1,38,553	70,666	2,40,807	1,00,525	1,02,254	29,859	......	......
5.—Tin ...	4,058	2,654	5,539	5,522	1,481	2,868	......	......
6.—Others ...	3,535	2,403	16,962	12,596	13,427	10,193	......	......
Oils—								
1.—Castor ...			7,720	1,033				
2.—Kerosine ...	1,01,786	50,340	1,52,196	78,641	70,540	34,528	......	......
3.—Others ...			12,410	5,194				
Oil-seeds—								
1.—Linseed ...	3,41,781	98,149	2,04,459	61,063	......	......	1,37,322	37,086
2.—Rape and mustard ...	1,29,422	30,427	1,03,748	22,988	......	......	25,674	7,439
3.—Til or jinjili ...	47,886	7,894	39,308	9,074	......	1,270	8,578	......
4.—Castor ...			74,206	18,283			......	......
5.—Poppy ...	57,170	14,187	63,418	20,976	90,976	26,608	......	......
6.—Others ...			10,522	1,836			......	......
Opium ...	66,771	67,642	85,708	89,954	18,937	22,312	......	......
Paper and paste board ...	8,145	4,716	11,906	7,800	3,761	3,084	......	......
Provisions—								
1.—Ghee ...	34,710	31,930	37,043	30,794	2,333	......	......	1,136
2.—Dried fruits and nuts ...	37,356	36,737	39,834	37,314	2,478	577	......	......
3.—Cocoanuts ...	10,552	5,838	16,735	6,687	6,183	849	......	......
4.—Turmeric ...	13,368	9,880	11,611	8,671	......	......	1,757	1,209
5.—Others ...	1,10,872	66,102	1,60,967	89,551	50,095	23,449	......	......
Salt ...	5,82,975	1,07,746	5,69,361	1,02,128	......	......	13,614	5,618
Saltpetre, &c.—								
1.—Saltpetre ...	79,151	31,549	72,374	30,246	......	......	6,777	1,303
2.—Borax ...	1,180	564	1,013	362	......	......	167	282
3.—Other saline substances ...	6,913	2,407	37,265	10,059	30,352	7,652	......	......
Silk, raw—								
1. Foreign ...	3,691	2,151	1,954	998	......	......	1,737	1,153
2. Indian ...								
Silk piece-goods—								
1.—Foreign ...	28	71	35	85	7	14	......	......
2.—Indian ...	830	929	673	792	......	......	157	137
Spices—								
1.—Pepper ...	20,482	15,123	2,932	2,678	......	......	562	5,408
2.—Other ...			16,988	7,037				
Sugar—								
1.—Drained ...	42,446	7,275	32,033	12,755	......	5,480	10,413	......
2.—Undrained ...	6,05,465	1,07,861	4,25,304	79,412	......	......	1,80,161	28,449
Stone and lime ...	1,99,674	31,510	2,56,226	38,089	56,552	6,579	......	......
Tea—								
1.—Foreign ...	33	15	14	28	......	13	19	......
2.—Indian ...	3,455	2,958	4,572	4,167	1,117	1,209	......	......
Timber, &c.—								
1.—Timber ...	25,381	4,414	1,47,212	24,080	1,21,831	19,666	......	......
2.—Firewood ...	35,221	2,411	23,078	1,591	......	......	11,513	820
Tobacco ...	27,836	11,062	33,901	16,839	6,065	5,777	......	......
Umbrellas ...	......	......	236	328	236	328	......	......
Wool—								
1.—Raw ...	1,569	1,540	3,171	2,653	1,602	1,113	......	......
2.—Piece-goods—								
a.—European ...	822	1,384	1,401	1,348	579	......	......	36
b.—Indian ...	2,855	3,435	4,922	5,807	2,067	2,372	......	......
3.—Shawls ...	4	7	......	......	......	......	4	7
All other articles of merchandise ...	4,91,344	2,08,152	4,64,682	1,71,692	......	......	26,662	36,460
Total ...	61,18,059	20,84,142	68,78,864	21,14,016	7,60,805	1,89,874	......	......
Military stores ...	35,902	40,260	22,402	27,838	......	......	13,500	12,422
Coal—								
1.—For public ...	36,37,158	5,74,871	42,19,017	5,70,740	5,81,859	......	......	3,631
2.— " Railway ...	3,81,522	30,239	5,59,103	1,00,350	1,77,581	70,111	......	......
Railway Materials—								
1.—For construction and revenue ...	2,77,805	29,290	7,44,955	31,432	4,67,150	2,142	......	......
Live-stock ...	......	33,329	......	19,336	......	......	......	13,993
Total ...	1,04,48,533	27,31,631	1,24,22,431	29,63,712	19,73,895	2,32,081	......	......

E. WEATHERDON, *Assistant Auditor.*

TRAFFIC AUDIT OFFICE, GOODS DIVISION, JAMALPUR, *the 6th February* 1892.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 30th January 1892, on 1,525¼ miles open.

	Coaching Traffic. Number of passengers.	Coaching Traffic. Receipts.	Merchandise and Mineral Traffic. Weight carried.	Merchandise and Mineral Traffic. Receipts.	Other earnings (estimated).	Total earnings.	Traffic Train-miles run. Coaching.	Traffic Train-miles run. Merchandise.	Traffic Train-miles run. Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	286,070	3,35,986 13 0	28,87,377 0	6,15,961 1 0	19,757 13 0	9,71,705 11 0	73,219½	97,075½	170,295½
Or per mile of railway	......	220 3 11	.....	403 12 5	12 15 3	636 15 7	......	......	......
For previous 3 weeks of half-year	824,049	9,65,151 12 0	83,67,405 10	19,52,314 1 0	66,528 8 0	29,83,994 5 0	234,330¼	322,259¾	556,590
Total for 4 weeks ...	1,110,119	13,01,138 9 0	1,12,54,782 10	25,68,275 2 0	86,286 5 0	39,55,700 0 0	307,549¾	419,335¼	726,885¼
Comparison.									
Total for corresponding week of previous year	251,054½	3,24,520 0 0	29,02,379 10	6,47,550 15 7	21,245 15 2	9,93,316 14 9	73,831	95,398	169,229
Per mile of railway corresponding week of previous year ...	......	212 11 8	.....	424 7 9	13 14 10	651 2 3	......	......	......
Total to corresponding date of previous year	1,102,169½	13,27,837 9 3	1,12,92,008 20	26,84,017 6 10	86,037 15 4	40,98,792 15 5	322,496	413,669	736,165

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 30th January 1892, on 57⅓ miles open.

	Coaching Traffic. Number of passengers.	Coaching Traffic. Receipts.	Merchandise and Mineral Traffic. Weight carried.	Merchandise and Mineral Traffic. Receipts.	Other earnings (estimated).	Total earnings.	Traffic Train-miles run. Coaching.	Traffic Train-miles run. Merchandise.	Traffic Train-miles run. Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	18,500	10,969 15 0	49,789 0	3,418 0 0	51 0 0	14,438 15 0	1,869	1,217	3,086
Or per mile of railway ...	323	191 12 6	868 30	59 12 1	0 14 3	252 6 10	....	......	......
For previous 3 weeks of half-year	46,648	25,287 5 0	1,26,192 0	8,788 10 0	171 0 0	34,246 15 0	5,861	2,005	7,866
Total for 4 weeks ...	65,148	36,257 4 0	1,75,881 0	12,206 10 0	222 0 0	48,685 14 0	7,730	3,222	10,952
Comparison.									
Total for corresponding week of previous year	19,896	12,152 8 6	31,900 20	2,168 14 0	54 1 3	14,375 7 9	1,829	565	2,394
Per mile of railway corresponding week of previous year ..	348	212 7 4	557 30	37 14 8	0 15 1	251 5 1	.....	......	......
Total to corresponding date of previous year	82,202	49,170 4 4	1,77,850 0	11,670 8 0	252 15 0	61,093 11 4	7,265	3,464	10,729

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 30th January 1892, on 22¼ miles open.

	Coaching Traffic. Number of passengers.	Coaching Traffic. Receipts.	Merchandise and Mineral Traffic. Weight carried	Merchandise and Mineral Traffic. Receipts.	Other earnings (estimated).	Total earnings.	Traffic Train-miles run. Coaching.	Traffic Train-miles run. Merchandise.	Traffic Train-miles run. Total.
		Rs. A. P.	Mds. S.	Rs A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	18,802	4,553 12 0	18,755 0	623 0 0	12 0 0	5,188 12 0	893	75	968
Or per mile of railway ...	.....	204 10 7	......	28 0 0	0 8 8	233 3 3	......	......	......
For previous 3 weeks of half-year	62,528	15,832 6 0	37,272 20	1,406 7 9	46 0 0	17,284 13 9	2,916	274	3,190
Total for 4 weeks ...	81,330	20,386 2 0	56,027 20	2,029 7 9	58 0 0	22,473 9 9	3,809	349	4,158
Comparison.									
Total for corresponding week of previous year	17,320	4,835 8 1	12,843 10	449 2 0	10 9 0	5,293 3 1	888	80	968
Per mile of railway corresponding week of previous year ...	......	217 5 3	......	20 2 11	0 7 7	237 15 9	......	......	......
Total to corresponding date of previous year	83,022½	21,398 2 0	49,363 20	1,727 10 0	28 13 3	23,144 9 2	3,073	817	4,290

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 30th January 1892, on 163 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	14,289	9,078 0 0	43,217 0	7,694 1 0	67 0 0	17,739 1 0	5,709½	2,298½	8,008
Or per mile of railway	......	61 9 6	......	47 7 11	0 6 7	109 8 0	......	......	......
For previous 3 weeks of half-year	41,197	31,887 10 0	1,51,646 10	25,943 14 0	242 0 0	58,073 8 0	19,764	6,447½	26,211½
Total for 4 weeks ...	55,483	41,865 10 0	1,94,863 10	33,637 15 0	309 0 0	75,812 9 0	25,473½	8,746	34,219½
Comparison.									
Total for corresponding week of previous year	......	......	......	......	......	......	......	......	......
Per mile of railway corresponding week of previous year ...	......	......	......	......	......	......	......	......	......
Total to corresponding date of previous year	......	......	......	......	......	......	......	......	......

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Behar Sections.)

Approximate Return of Traffic for week ended 30th January 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	162,974	87,240 0 0	7,63,167 0	1,17,770 0 0	19,900 0 0	2,24,910 0 0	28,164	28,651	56,815
Or per mile of railway	210	112 0 0	985 0	152 0 0	*13 0 0	277 0 0	......	......	...
For previous 3 weeks of half-year	553,452	2,62,950 0 0	16,09,546 0	2,89,600 0 0	30,880 0 0	5,83,430 0 0	97,264	83,942	181,206
Total for 4 weeks ...	716,426	3,50,190 0 0	23,74,713 0	4,07,370 0 0	50,780 0 0	8,08,340 0 0	125,428	112,593	238,021
Comparison.									
Total for corresponding week of previous year	175,576	1,20,020 0 0	8,06,157 0	1,46,242 0 0	42,558 0 0	3,08,820 0 0	28,868	35,068	63,936
Per mile of railway corresponding period of previous year ...	226	155 0 0	1,038 0	188 0 0	*13 0 0	356 0 0	.. ...	......	.....
Total to corresponding date of previous year	751,618	3,91,093 0 0	29,21,447 0	5,93,271 0 0	1,11,991 0 0	10,96,355 0 0	128 125	151,780	279,906

* Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 30th January 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	25,071	9,420 0 0	64,158 0	3,760 0 0	120 0 0	13,300 0 0	3,447	2,225	5,672
Or per mile of railway	202	75 0 0	513 0	30 0 0	1 0 0	106 0 0	...	......	.....
For previous 3 weeks of half-year	82,032	30,990 0 0	1,78,555 0	11,300 0 0	300 0 0	42,590 0 0	11,011	7,608	18,619
Total for 4 weeks ...	107,303	40,410 0 0	2,42,713 0	15,060 0 0	420 0 0	55,890 0 0	14,458	9,833	24,291
Comparison.									
Total for corresponding week of previous year	26,066	11,819 0 0	52,003 0	3,230 0 0	77 0 0	15,126 0 0	3,511	2,161	5,672
Per mile of railway corresponding week of previous year ...	209	94 0 0	416 0	26 0 0	1 0 0	121 0 0	......	......	......
Total to corresponding date of previous year	119,700	48,933 0 0	2,56,809 0	13,916 0 0	432 0 0	63,280 0 0	15,402	9,747	25,149

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 30th January 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	17,106	5,500 0 0	9,643 0	1,020 0 0	170 0 0	6,690 0 0	2,200	1,024	3,224
Or per mile of railway	199	64 0 0	112 0	12 0 0	2 0 0	·78 0 0	......	......	......
For previous 3 weeks of half-year	57,733	18,730 0 0	27,387 0	2,830 0 0	680 0 0	22,240 0 0	8,004	2,494	10,498
Total for 4 weeks ...	74,839	24,230 0 0	37,030 0	3,850 0 0	850 0 0	28,930 0 0	10,204	3,518	13,722
Comparison.									
Total for corresponding week of previous year	23,782	9,677 0 0	52,011 0	3,834 0 0	331 0 0	13,842 0 0	2,571	1,545	4,116
Per mile of railway corresponding period of previous year	277	112 0 0	605 0	44 0 0	4 0 0	161 0 0	......	......	......
Total to corresponding date of previous year	86,296	1,313 0 0	1,66,542 0	14,902 0 0	779 0 0	47,024 0 0	10,864	5,204	16 068

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 30th January 1892, on 27¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,286	1,070 0 0	26,217 0	1,290 0 0	30 0 0	2,300 0 0	428	657	1,085
Or per mile of railway	121	39 0 0	962 0	48 0 0	1 0 0	88 0 0	......	......	......
For previous 3 weeks of half-year	10,154	3,350 0 0	32,234 0	1,700 0 0	160 0 0	5,210 0 0	1,837	1,311	3,148
Total for 4 weeks ...	13,440	4,420 0 0	58,451 0	2,990 0 0	190 0 0	7,600 0 0	2,265	1,968	4,233
Comparison.									
Total for corresponding week of previous year ...	3,967	1,457 0 0	27,823 0	832 0 0	21 0 0	2,310 0 0	508	540	1,048
Per mile of railway corresponding week of previous year ...	146	53 0 0	1,021 0	31 0 0	1 0 0	85 0 0	......	......	......
Total to corresponding date of previous year	14,618	5,193 0 0	69,288 0	3,012 0 0	58 0 0	8,263 0 0	2,459	2,378	5,037

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhoot State Railway.)

Approximate Return of Traffic for the week ended 23rd January 1892, on 739 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 739 miles open	81,700	33,680	2,91,810	41,100	8,740	83,520	11,707	14,935	26,642
Or per mile of railway	110·68	45·57	294·87	55·62	11·83	113·02	......	......	......
For previous 2¾ weeks of half-year	170,350	73,890	6,02,370	74,540	16,740	1,65,170	26,087	32,919	59,006
Total for 3¾ weeks ...	252,140	1,07,570	8,94,180	1,15,640	25,480	2,48,690	37,794	47,854	85,648
Comparison									
Total for corresponding week of previous year on 705 miles open	79,684	33,703	4,17,207	61,723	7,925	1,03,351	10,173	19,671	129,844
Per mile of corresponding week of previous year	113·03	47·81	591·91	87·55	11·24	146·60	......	......	......
Total to corresponding date of previous year	273,807	1,17,089	12,70,278	1,73,892	25,283	3,16,264	43,704	51,998	95,702

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 16th January 1892	7,152	0	0
Corresponding period of 1891	6,380	0	0
Increase	772	0	0
Receipts per mile for week ending 16th January 1892	140	3	9
Corresponding period of 1891	125	1	5
Increase	15	2	4
Receipts from 1st to 16th January 1892	14,107	0	0
Corresponding period of 1891	15,603	0	0
Decrease	1,496	0	0

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 23rd January 1892	8,907	0	0
Corresponding period of 1891	9,712	0	0
Decrease	805	0	0
Receipts per mile for week ending 23rd January 1892	174	10	4
Corresponding period of 1891	190	6	9
Decrease	15	12	5
Receipts from 1st to 23rd January 1892	23,014	0	0
Corresponding period of 1891	25,315	0	0
Decrease	2,301	0	0

Printed and published by EDWIN MORRIS LEWIS, at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 10th February 1892.

[REGISTERED No. 29.]

No. 7 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, FEBRUARY 17, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 13th February 1892.

Division	No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.				
Burdwan Divn.	1	Burdwan Feb. 13, '92 Kalna ... Katwa ... Raniganj ...	0·01 0·02 Nil Nil	Weather—cloudy with a few drops of rain. Potato and *rabi* crops being harvested. Sugarcane pressing begun in places. Rather a scarcity of water in places. Prices of common rice:— Srs. Sadar ... ... 13 Kalna ... ... 14 Katwa ... ... 11 Raniganj ... ... 14 } per rupee.
	2	Bankura „ 13, '92	Nil	Weather—cool and cloudy. Sugarcane is being pressed. *Rabi* and cotton plants doing well. Condition of cattle fair. Fodder and water-supply hardly sufficient. Common rice selling at 16 seers 12 chitaks per rupee at Vishunpur and 15 seers 6 chitaks at Bankura market.
	3	Birbhum „ 13, '92 Rampur Hât ...	0·17 Nil	Weather—seasonable. *Rabi* crops (which are not very important in this district) have suffered for want of rain. Fodder and water plentiful. Condition of cattle normal. Price of rice 13½ to 17 seers per rupee.
	4	Midnapore „ 13, '92	Nil	Weather—seasonable and at times cloudy. Rain expected. *Rabi* prospects not good. Indigo doing well. Fodder generally plentiful. No cattle-disease. Prices of common rice:— Srs. Sadar ... ... 14 Contai ... ... 18 Tamluk ... ... 13 Ghatál ... ... nearly 16 } per rupee.
	5	Hooghly „ 13, '92 Serampore ... Jehanabad ...	Nil Nil Nil	*Rabi* being harvested. Pressing of sugarcane continues with good yield. No difficulty in obtaining water and fodder supply. Prices of common rice:— Srs. Sadar ... ... 11 Serampore ... ... 11 Jehanabad ... ... 16 } per rupee.
	6	Howrah „ 13, '92 Uluberia ...	Nil Nil	Weather—cloudy and warm. *Rabi* crops require rain. Sugarcane crop doing well. Price of common rice 13 seers per rupee. Health of cattle good. Fodder and water-supply sufficient.
Presidency Divn.	7	24-Parganas „ 13, '92	Nil	Weather—seasonable and cloudy towards the end of the week. State and prospects of cold-weather crops not good for want of rain. Slight rain has fallen in Barasat and Dum-Dum sub-divisions. Sugarcane pressing still going on. Prices stationary. Cattle-disease reported from one village in thána Haroa. There is no present lack of fodder or water.
	8	Nadia „ 13, '92 Kushtia ... Meherpore ... Ranaghat ...	0·03 0·10 Nil Nil	Weather—cool and cloudy. The little rain which fell during the week has not improved the state of crops on the ground. Common rice selling at from 12 seers 8 chitaks to 13 seers 14 chitaks per rupee. Condition of cattle good except in Chuadanga subdivision, where cattle-pox is still prevalent in a few villages. Supply of fodder and water sufficient.
	9	Khulna „ 13, '92 Bágerhat ... Satkhira ...	Nil Nil Nil	Weather—cloudy. *Aman* harvest fair. Rain for *boro* much wanted. Mustard and tobacco promise well. Common rice selling at from 13 to 16 seers per rupee. Fodder and water for cattle sufficient.
	10	Jessore „ 13, '92 Jhenidah ... Magura ... Narail ... Bangaon ...	0·03 0·08 0·22 Nil Nil	Weather—mornings foggy and days growing hot. *Aman* harvest over. Linseed and peas being harvested. Rain wanted for grass and for tillage. Prices stationary.
	11	Murshidabad „ 13, '92	0·02	Weather—cloudy in the latter part of the week. *Rabi* crops will be poor unless rain falls soon. Mustard is being harvested. No want of fodder.
Chittagong Divn.	12	Chittagong „ 16, '92	Nil	Weather—dry and warmer; cloudy at times. Rain wanted for spring crops. Prices steady.
	13	Noakhali „ 13, '92	Nil	Weather—cloudy; days warm. State of *rabi* crops bad for want of rain. No cattle-disease. Fodder and water not sufficient in some parts of Feny subdivision, but sufficient in Sadar subdivision. Price of rice has risen slightly.
	14	Tippera „ 13, '92	Nil	Weather—seasonable. Prospect of crops fair. No cattle-disease. Fodder sufficient.
	15	Chittagong Hill Tracts. „ 11, '92	Nil	Weather—cloudy and less cool than in last week. State of winter crops not good for want of rain. Gathering of oil-seeds continues. Crushing of sugarcane and manufacture of *goor* finished. Fields being ploughed for next rice crop and sugarcane plantation. Cattle-disease in hoof and mouth continues in some places. Common rice being sold at 11 seers 6¼ chitaks per rupee.

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—*concld.*			
DACCA DIVN.			
16	Dacca Feb. 13, '92	1·00	Weather—seasonable. Prospects of *rabi* crops fair. Recent rain has done much good to them. *China, kaon, khesari,* and *musuri* thriving. *Boro* paddy doing well. Fodder available. Common rice selling at from 12 to 16 seers per rupee. Condition of cattle generally good.
17	Faridpur „ 13, '92	1·24	Weather—seasonable. Harvesting of mustard is not yet completed. Land is being prepared for jute and *aus* paddy. State of *rabi* crops fair. The late rain in the Sadar and Goalundo subdivisions has done good to the standing crops. Common rice is selling at 14 seers, 12 to 13 seers, and 15 seers per rupee at the Sadar, Goalundo and Madaripur subdivisions respectively. Fodder and water available. Condition of cattle good.
18	Backergunge „ 13, '92	Nil	Weather—rather too hot for the time of the year. State and prospects of crops good, but rain is much wanted. Ordinary rice selling at from 10 to 14 seers per rupee. Supply of fodder and water sufficient.
19	Mymensingh „ 13, '92	1·30	Weather—variable; sometimes rainy and cloudy. Prospects of crops on the whole good. Condition of cattle good. Supply of fodder and water sufficient. Coarse rice sells at from 12 to 17 seers per rupee.
RAJSHAHYE DIVN.			
20	Dinajpur „ 13, '92 Thakurgaon ...	Nil Nil	Weather—cool and cloudy at times. Cultivation of lands for *bhadoi* and jute in progress. Sugarcane still being pressed. Rain much wanted. Price of rice both at Sadar and Thakurgaon stationary, but has a tendency to rise at the latter place. Condition of cattle good. Supply of fodder fair. Water sufficient.
21	Rajshahi „ 13, '92 Nator .. Nowgong ...	Nil Nil Nil	Weather—cloudy. Ploughing for early rice going on. State of *rabi* crops fair, but rain much wanted. Condition of cattle generally good. Fodder and water-supply sufficient. Price of rice 11 to 15 seers per rupee.
22	Rangpur „ 13, '92 Gaibanda ... Kurigaon ... Nilphamari ...	Nil Nil Nil 0·06	Weather—cloudy with cold mornings and nights. Rain urgently required for cold-weather crops and early rice. Sowings of *aus* paddy have been commenced and lands are ready. Sugarcane and tobacco promising. Other cold-weather crops depend upon rainfall. Price of rice varies from 14 seers at Gaibanda to 10 seers at Kurigaon. Fodder and water sufficient.
23	Bogra „ 13, '92 Sherpur ... Naukhila ...	Nil Nil Nil	Weather—generally fine and dry; occasionally cloudy. *Rabi* crops doing well, except vegetables, for which rain is wanted: also for helping the ploughing which is going on for *aus* paddy, jute, &c. Common rice selling on the average at 13½ seers per rupee. There is no present lack of fodder or of water.
24	Pabna „ 13, 92	0·14	Weather—cloudy. Has rained well in places. More rain wanted and expected. Rain which fell has done good in places. Sugarcane pressing in progress; outturn 12 annas. Fodder and water plentiful.
25	Darjeeling „ 13, 92	0·22	Weather—cold. Barley and wheat getting on favourably. Lands being prepared for *bhutta*. Harvesting of potatoes going on; that of mustard has begun. Tobacco and the little wheat sown in the Terai require rain. Ploughing for *aus* paddy has been started. Fodder growing scarce; water sufficient. No disease among cattle.
26	Jalpaiguri „ 13, '92	0·04	Weather—hot and cloudy at times. Ploughing of land for *bhadoi* crop continues. Potato is expected to yield 14 annas outturn and tobacco 9 annas. Common rice sells at from 8 to 10 seers per rupee. No cattle-disease. Fodder and water-supply sufficient.
BEHAR.			
BHAGULPORE DIVN.			
27	Monghyr „ 13, '92 Begusarai ... Jamui ...	Nil Nil Nil	Weather—early part of the week fair; latter part cloudy. Prospects of *rabi* not favourable. Some lack of fodder in Jamui owing to continued drought. *Rabi*, mustard and indigo in Begusarai doing well. Common rice selling on an average between 12 and 13 seers a rupee.
28	Bhágalpur „ 13, '92	Nil	Weather—getting warmer; cloudy during part of the week. Prospects of *rabi* in the north of the district have not improved. In the south prospects are fair, but rain is needed. Outturn of mustard is estimated at five annas. There is sufficient fodder. Common rice—old 11 seers 11 chitaks, new 12 seers 10 chitaks per rupee.
29	Purnea „ 13, '92 Kishanganj ... Araria ...	Nil 0·21 0·02	Weather—cloudy at intervals. Harvesting of *tori* almost finished. Harvesting of tobacco going on. Planting of sugarcane commenced at Araria. Wheat and other *rabi* crops suffering for want of rain. Fodder and water plentiful. No cattle-disease. Prices of common rice:— Srs. Sadar ... ... 11 to 13 } per rupee. Kishanganj ... ... 11 } Araria ... ... 12 to 13 }
30	Malda „ 13, '92 Chanchal ... Shibganj ... Gajol ...	Nil Nil Nil Nil	Weather—earlier part of week warm; a few drops of rain fell yesterday (12th) and cloudy since. *Boro* still being transplanted, and those sown early growing well. *Rabi* crops doing fairly. Fodder and water-supply sufficient. Common rice selling at an average of 12 seers 2 chitaks per rupee.
31	Sonthal Pargannas „ 13, 92	0·09	There will probably be more rain. Weather much cooler. Sugarcane being cut. The little rain there has been has hardly laid the dust and will not be of much good. Tanks drying up. Fodder good. Rice selling at 14 to 15 seers per rupee everywhere except Rajmahal, where it is 10½ seers.

	No.	District and date of return.		Rainfall at Sudder station in inches.	Character of the weather and state and prospects of the crops.
BEHAR—concld.					
PATNA DIVISION.	32	Patna Barh Dinapur	Feb. 13, '92	0·02 Nil Nil	Weather—getting less cold: mornings occasionally cloudy. Threshing and winnowing of paddy almost finished. Mustard being reaped in places. *Rabi* doing well in places where irrigation was possible; in unirrigated area it is suffering. Prices of food-grains rising; rice selling at 12 to 12½ seers per rupee. Poppy doing well. Lancing has commenced in some villages, and leaf making will soon be general.
	33	Gaya	„ 13, '92	0·45	Weather—cold and cloudy. Recent rain will do some good to the *rabi* crops sown late, but at the same time is calculated to do some damage to the poppy, mango and *mahua* crops, and also to other *rabi* crops which are ready to be cut. Prices rising. Supply of fodder and water sufficient.
	34	Shahabad Sasarám Buxar Bhabhua	„ 13, '92	0·13 0·16 0·02 Nil	Heat increasing. Nights still fairly cool. Early *rabi* harvest progressing. Opium being collected from early sowings. A moderate *rabi* crop all over the district is expected, and will be reaped unless hail falls before the harvest. Prices are slowly rising nearly everywhere. A storm passed over Arrah last night (12th), which must benefit crops where it gave rain. Scarcity of water reported from Sasarám and Bhabhua.
	35	Darbhanga	„ 13, '92	0·04	Weather—latter part of the week cloudy. Slight drizzling on Monday (8th) has not benefited any standing crop. *Rabi* continues favourable where there is moisture. Sugarcane is being pressed. Common rice selling at 12 to 13 seers per rupee. Fodder and water sufficient.
	36	Muzaffarpur Hajipur Sitamarhi	„ 13, '92	0·14 Nil Nil	Weather—seasonable. Latterly cloudy. *Rabi* on low and moist lands, and where it is irrigated, is doing fairly and is in flower. The favourable prospects of poppy crop on irrigated lands continue unchanged. Collection of the drug is progressing, and the yield is fairly satisfactory. Prices rising. No distress as yet reported. Supply of fodder and water for cattle sufficient. Cattle in good condition.
	37	Saran Siwán Gopalganj	„ 13, '92	0·17 0·08 0·03	Weather—mostly cloudy with a little rain. *Rabi* and poppy doing well. The slight rain in Siwán and Chapra will do some good to *rabi*, which will be ready for harvest in about a month. Fodder and water for cattle sufficient. Prices of common rice :— Srs. Ch. Chapra ... ... 13 0 } Siwán ... ... 13 8 } per rupee. Gopalganj ... ... 13 13 }
	38	Champaran Bettiah	„ 13, '92 ...	0·11 0·04	Weather seasonable. *Rabi* crops ripening. For want of rain the outturn is estimated at about 6 annas in Sadar and 8 to 10 annas in Bettiah. Fields are being prepared for *bhadoi* and *aghani* in Bettiah subdivision. Prices have slightly fallen. Water and fodder sufficient.
ORISSA.					
ORISSA DIVN.	39	Cuttack	„ 13, '92	Nil	Weather—seasonable. Average outturn of *guru sarad* estimated at 8 annas and that of *mung* at 6 annas. Other *rabi* crops being harvested. Price of common rice ranges from 11 seers 13 chittacks to 22 seers per rupee. Condition of cattle good. Fodder supply ample.
	40	Puri	„ 11, '92	Nil	Weather—seasonable. Harvesting of *sarad* over. Land being ploughed in some places for next *sarad* crop. *Dalua* paddy growing well. Miscellaneous crops thriving. Common rice sells at from 12½ to 21 seers per rupee.
	41	Balasore	„ 13, '92	Nil	Weather—getting hotter. Paddy being threshed. *Rabi* harvested. Rice sells at 17 seers per rupee at Balasore and 16 seers at Bhadrak.
CHOTA NAGPORE.					
South-West Frontier Agency.					
CHOTA NAGPORE DIVN.	42	Hazaribagh Giridih	Feb. 13, '92 ...	0·94 Nil	Weather—seasonable and cloudy at intervals. *Rabi* has been damaged to some extent for want of rain in previous month. Prospects of poppy favourable. Common rice sells at from 11 to 16 seers per rupee. Cattle-disease reported from certain stations. Fodder and water-supply sufficient.
	43	Lohardaga	„ 13, '92	0·27	Weather—cloudy. More rain wanted for ploughing land for upland rice. Reaping of oil-seeds completed. Common rice selling at 14 seers per rupee. Fodder and water sufficient.
	44	Palámau	„ 6, '92	Nil	Report not received.
	45	Singhbhum	„ 13, '92	Nil	Weather—cloudy during the week, but no rain fell: clear to day (13th). Standing crops doing well. Castor seed being collected with an 8-annas outturn. Price of rice stationary. Fodder and water sufficient.
	46	Manbhum Gobindpur	„ 13, '92 ...	Nil Nil	Weather—cold and cloudy. There is evidently rain falling in the district. This will do much good. Common rice selling at 15 seers per rupee.

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 16*th February*, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (*RETAIL*) OF FOOD-GRAINS, FIREWOOD AND SALT IN THE HEAD-QUARTERS STATION BAZARS OF THE DISTRICTS OF BENGAL DURING THE FORTNIGHT ENDING THE 15TH FEBRUARY, 1893.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLUM. (*Sorghum Vulgare.*)		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	BENGAL.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
	BURDWAN DIVISION.															
1	Burdwan ..	11 8	12 0	12 6	...	...	...	11 10	12 0	15 0	13 14	14 1	17 13	...	...	...
2	Bankura ...	11 8	11 8	14 0	16 0	16 0	16 0	12 8	12 8	18 8	16 0	16 0	20 8	...	...	...
3	Birbhum* ...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...
4	Midnapore ...	11 0	11 0	10 8	...	...	...	12 0	12 0	15 0	14 0	16 0	20 0	...	...	...
5	Hooghly ...	13 0	13 0	13 0	...	...	...	8 0	8 0	8 0	13 0	13 0	13 0	.	...	...
6	Howrah ...	...	...	...	...	...	...	10 0	10 0	11 4	13 0	13 4	15 4	..	...	...
	PRESIDENCY DIVISION.															
	Calcutta ..	11 13	10 13	11 10	17 3	18 5	17 10	8 3	8 10	9 14	11 14	12 3	14 8	15 5	15 14	17 1
7	24-Parganas ...	10 0	10 0	10 12	18 0	18 0	13 0	8 0	8 0	8 0	13 8	13 8	16 0	...	...	...
8	Nadia .	12 3	12 9	14 0	22 14	22 14	21 5¼	10 13½	10 5¼	14 8	12 13	12 9	16 0	...	..	...
9	Khulna ...	..	...	...	...		...	13 3	14 0	15 0	14 8	16 0	17 0	...	...	...
10	Jessore ...	10 0	10 0	12 8	..	...	...	13 0	13 0	12 0	15 0	15 0	16 0	...	...	...
11	Murshidabad* ..	12 0	10 0	15 0	..		...	10 0	10 0	10 0	14 0	13 4	15 0	...	...	...
	CHITTAGONG DIVISION.															
12	Chittagong* ...	...	.	...	...	.	...	...	...	...	...	...	...	...	...	...
13	Noakhali* ...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
14	Tippera* ...	...	...	...	..			...	...	...	...	...	...	...	.	...
15	Chittagong Hill Tracts*.	.	...	...	...	.	...	...	...	...	...	...	...	...	...	...
	DACCA DIVISION.															
16	Dacca* ...	...	..	...	...	...	...	...	...	...	...	...	..	...	...	...
17	Faridpur ...	12 0	12 0	12 0	18 0	16 0	14 0	10 0	10 0	12 0	14 0	14 8	16 0	...	...	...
18	Backergunge* ...	...	...	...	...	...	...	...	...	...	...	..		...	...	...
19	Mymensingh*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	RAJSHAHI DIVISION.															
20	Dinajpur ...	10 8	10 10	12 0	17 8	17 0	16 0	9 9	9 9½	15 8	13 3	12 0	18 0	...	...	...
21	Rajshahi* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	Rangpur*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Return not received.

A At Katwa retail price of salt 12 seers per rupee.
B At Vishenpur retail price of salt, 10 seers per rupee.
C In subdivisions retail prices of salt per rupee are :—Contai 10 seers, Tamluk 10½ seers.
D In subdivisions retail prices of salt per rupee are :—Serampore (at Bhudrosur) 12½ seers and Jehanabad 11 seers 7 chitaks.
E At Ulubaria retail price of salt, 10½ seers per rupee.
F In subdivisions retail prices of salt per rupee are :—Barasat 10 seers 10 chitaks, Basirhat (at Baduria) 10¼ seers, Diamond Harbour (at Magrauat) 10 seers 10 chitaks, Barrackpore 9 seers 2 chitaks, and Dum-Dum 10 seers.

Head-quarters Station Bazars of the Districts of Bengal on the 15th February, 1892.

SEERS OF 80 TOLAHS.

BAJRA OR CUMBU. (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.	MARUA OR RAGI. (*Eleusine Coracana.*) Present return.	Next preceding return.	Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
15 2	15 1	12 11	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...

…OOD.		SALT.			WHOLESALE PRICES PER MAUND OF 40 SEERS. SALT.			DISTRICTS.	Number.
…	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.		
…h.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	BENGAL.	
0	100 0	11 4 A	11 4	10 11	3 6 8	3 6 0	3 8 3	Burdwan.	1
0	280 0	11 2 B	11 2	10 10	3 9 6	3 9 6	3 10 0	Bankura.	2
	..	...	...	...	...	...	...	Birbhum.	3
0	120 0	11 8 C	11 8	10 8	3 8 0	3 8 0	3 13 0	Midnapore.	4
0	120 0	10 0 D	10 0	10 0	3 12 0	3 12 0	3 9 0	Hooghly.	5
0	100 0	10 8 E	10 8	10 8	3 6 0	3 9 6	3 8 6	Howrah.	6
								Burdwan Division.	
0	95 0	11 6	11 6	10 12	3 4 0	3 4 2	3 6 11	Calcutta.	
0	100 0	11 0 F	11 0	10 12	3 4 6	3 4 0	3 6 0	24-Parganas.	7
	...	10 10½ G	10 8½	9 13	3 9 0	3 9 0	3 12 0	Nadia.	8
0	160 0	10 0 H	10 0	9 0	3 12 0	3 12 0	4 0 0	Khulna.	9
0	160 0	9 2 I	9 2	9 2	3 10 0	3 10 0	3 14 (	Jessore.	10
0	200 0	10 8 J	11 12	11 0	3 12 0	3 8 0	3 10 (	Murshidabad.	11
								Presidency Division.	
	..	...	...	...	..	...	...	Chittagong.	12
	...	...	...	...	...	...	...	Noakhali.	13
	...	...	...	...	...	...	...	Tippera.	14
	...	...	...	...	...	...	...	Chittagong Hill Tracts.	15
								Chittagong Division.	
	...	...	...	...	...	...	..	Dacca.	16
	120 0	10 8 K	10 0	10 0	3 12 0	4 0 (	4 0 0	Faridpur.	17
	...	...	...	...	...	...	...	Backergunge.	18
		...	...	...	...	...	. 0	Mymensingh.	19
								Dacca Division.	
0	160 0	10 4 L	10 4	10 0	3 14 0	3 14 0	4 0 0	Dinajpur.	20
	...	...	...	...	...	...	...	Rajshahi.	21
	...	...	...	...	...	..	...	Rangpur.	22
								Rajshahi Division.	

…pee are :—Kushtia 10½ seers, Meherpur 9½ seers, Chuadanga 10 seers, and Ranaghat
…are :—Satkhira 10½ seers and Bagirhat 8 seers.
…re :—Jhenidah 10 seers, Magura 10 seers, Bangan 10½ seers.
…re :—Jangipur 10½ seers, Kandi 10½ seers, and Lalbag 11 seers.
…are :—Madaripur 11 seers and Goalundo 10 seers.
… rupee.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the Head-quarter

QUANTITIES PER RUPEE IN

Number.	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Jowar or Cholum (*Sorghum Vulgare.*) Present return.	Jowar or Cholum. Next preceding return.	Jowar or Cholum. Corresponding return of last year.
BENGAL—*continued.*																
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. C.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
RAJSHAHI DIVISION—*concld.*																
23	Bogra ...	8 10	8 10	15 0	...	...	..	10 2	12 0	12 0	13 2	12 12	18 0	...	...	...
24	Pabna	12 0	12 12	17 10	.			7 2	7 2	7 8	13 8	13 2	17 0	.	.	...
25	Darjeeling*	.	..	..		...	..	.	..	...	...	...	...	..	...	...
26	Jalpaiguri	10 0	10 0	13 0	14 0	14 0	16 0	7 0	7 0	8 0	11 8	10 0	17 0	.	.	...
BEHAR.																
BHAGALPUR DIVISION.																
27	Monghyr ...	13 10	13 10	12 9	21 0	22 1	18 14	9 7	9 7	11 0	12 9	12 9	16 12	17 13	17 13	...
28	Bhágalpur* ...	...	...	...	...	...	...	...	...	...	...	...	..	...	..	...
29	Purnea* ...	...	...	...	..	...	...	...	...	...	...	..	...	..	...	...
30	Malda ...	11 8	11 0	10 8	...	...		10 0	8 0	11 0	12 0	12 0	17 8	...	...	...
31	Sonthal Pargns.*	...	...	..	..	.		...	...	...	...	...	...	...	...	...
PATNA DIVISION.																
32	Patna ...	Red. 13 8 / White. 12 8	Red. 13 8 / White. 12 0	Red. 15 0 / White. 13 0	24 0	25 0	18 0	10 8	10 8	11 0	14 0	13 8	19 0	20 0	19 0	17 8
33	Gaya* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34	Shahabad* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
35	Darbhanga* ...	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...
36	Muzaffarpur	12 0	12 0	13 0	22 8	22 0	20 0	New. 11 0	10 0	13 0	12 0	12 0	16 0	...	...	...
37	Saran* ...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
38	Champaran* ...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...
ORISSA.																
ORISSA DIVISION.																
39	Cuttack* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
40	Puri* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
41	Balasore* ...	...	...	...	...	...	...	...	...	..	...	...	...	..	...	...
CHOTA NAGPORE.																
CHOTA NAGPORE DIVISION.																
42	Hazaribagh* .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
43	Lohardaga* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
44	Palámau* ...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
45	Singhbhum* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
46	Manbhum ...	11 0	11 0	12 0	...	...		13 8	13 0	14 0	17 8	17 0	22 0	...	...	...

* Return not received.

M At Sirajganj retail price of salt, $11\frac{1}{2}$ seers per rupee.
N At Falakata in Alipore subdivision retail price of salt, $8\frac{1}{2}$ seers per rupee.

CALCUTTA,
The 16th February, 1892.

SEERS OF 80 TOLAHS.

Bajra or Cumbu. (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.	Marua or Ragi. (*Eleusine Corocana.*) Present return.	Next preceding return.	Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch	S. Ch.
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	24 0	24 0	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	20 0
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...

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istricts of Bengal on the 15th February, 1892—(concluded).

...hur, ...ma. (...icus.) Corresponding return of last year.	Firewood. Present return.	Firewood. Next preceding return.	Firewood. Corresponding return of last year.	Salt. Present return.	Salt. Next preceding return.	Salt. Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Salt. Next preceding return.	Salt. Corresponding return of last year.	Districts.	Number.
										BENGAL—*continued.*	
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
...	90 0	90 0	90 0	9 12	9 12	9 [illegible]	3 13 4	3 12 0	4 0 0	Bogra.	23
18 0	200 0	200 0	200 0	M 9 12	9 12	8 15	3 12 0	3 12 0	3 14 0	Pabna.	24
...	...	...	...	...	..	..	...	...	...	Darjeeling.	25
.1 0	200 0	200 0	200 0	N 10 0	10 0	9 0	4 0 0	4 0 0	4 0 0	Jalpaiguri.	26
										BEHAR	
2 9	168 0	168 0	168 0	O 10 8	10 8	10 8	3 11 0	3 9 3	3 10 9	Monghyr.	27
...	...	...	...	...	...	...	...	..	...	Bhágalpur.	28
...	..	...	...	...	...	...	...	...	...	Purnea.	29
..	120 0	120 0	120 0	10 0	9 0	9 0	3 12 0	3 14 0	4 0 0	Malda.	30
...	...	...	...	...	..	...	...	...	...	Sonthal Pargns.	31
...	120 0	120 0	120 0	P 11 8	11 8	10 0	3 8 0	3 8 0	3 10 0	Patna.	32
...	...	...	...	...	...	...	...	...	...	Gaya.	33
...	...	...	...	...	...	...	...	...	...	Shahabad.	34
...	...	...	...	...	...	...	...	...	...	Darbhanga.	35
5 8	160 0	160 0	160 0	Q 11 0	11 0	11 0	3 10 0	3 10 6	3 8 6	Muzaffarpur.	36
...	...	...	...	...	...	...	...	...	...	Saran.	37
...	...	...	...	...	...	...	...	...	...	Champaran.	38
										ORISSA.	
...	...	...	...	...	...	...	...	...	...	Cuttack.	39
...	...	...	...	...	...	...	...	...	...	Puri.	40
...	...	...	...	...	...	...	...	...	...	Balasore.	41
										CHOTA NAGPORE.	
...	...	...	...	...	...	...	...	...	...	Hazaribagh.	42
...	...	...	...	...	...	...	...	...	...	Lohardaga.	43
...	...	...	...	...	...	...	...	...	...	Palámau.	44
...	...	...	...	...	...	...	...	...	...	Singhbhum.	45
0	200 0	200 0	200 0	R 10 10	10 10	9 14	3 12 0	3 10 0	3 12 0	Manbhum.	46

Divisions: Rajshahi Division—concld. (23–26); Bhágalpur Division (27–31); Patna Division (32–38); Orissa Division (39–41); Chota Nagpore Division (42–46).

...alt per rupee are:—Begusarai 9½ seers and Jamui 10 seers.
...alt per rupee are:—Bihár 10 seers and Dinapore 10 seers.
... 10¾ seers per rupee.
..., 10½ seers per rupee.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARTS.	Wheat.			Barley.			Rice, best sort.			Rice, common.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 4 11	3 6 10	3 2 10	2 1 2	1 15 4	2 0 4	4 6 3	4 5 11	3 13 0	3 1 6	3 0 2	2 7 9
2	Serajganj ...	3 8 0	3 10 0	2 6 0	...	...	...	5 3 0	5 4 0	4 8 0	3 2 0	3 5 0	2 10 0
3	Dacca* ...	...	..	...	...	..	.	..	..	...	...	...	...
4	Narayanganj*	...	...	...	...	...	...	..	...	...	...	...	...
5	Chittagong*	...	...	..	...	...	...	...	...	..	...	...	...
6	Patna ..	Red. 2 15 3	Red. 2 15 4	Red. 2 10 8	1 10 0	1 9 6	2 3 0	3 12 9	3 12 11	3 8 0	2 13 8	2 15 4	2 1 6
		White. 3 3 3	White. 3 5 4	White. 3 1 3									
7	Balasore ...		...	...	...	...	...	.	...	...	..	..	...
8	Puri ...	...		...	...	...		...	...	...	...	...	...
9	Cuttack ...	...	...	.	...	...	...	.	..	...	...	...	...

* Return not received.

CALCUTTA,
The 16th February, 1892.

the 15th February, 1892.

PRICES PER MAUND

Jowar or Cholum. (*Sorghum Vulgare.*) Present return.	Next preceding return.	Corresponding return of last year.	Bajra or Cumbu. (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.	Arhar or Thur Cadjan Pea. (*Cajanus indicus.*) Present return.	Next preceding return.	Corresponding return of last year.	Firewood. Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Marts.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
2 5 8	2 4 1	2 1 5	2 6 0	2 6 7	2 14 6	6 5	2 6 10	2 8 2	0 5 9	0 5 9	0 5 4	3 4 0	3 4 2	3 6 11	Calcutta.
...	...	...	...	...	...	...	...	...	0 6 6	0 6 6	0 6 3	3 5 0	3 5 0	3 11 0	Serajganj.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Dacca.
...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	Narayanganj.
...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	Chittagong.
3 0 0	2 1 6	2 4 0	...	...	...	0 0	2 3 0	...	0 5 4	0 5 4	0 5 6	3 8 0	3 8 0	3 10 0	Patna.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Balasore.
...	...	...	...	...	...	...	...	..	...	..	...	...	...	...	Puri.
..	...	...	...	...	...	...	.	...	...	...	..	..	...	...	Cuttack.

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C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Supplement Table of Rainfall recorded at Stations in Bengal in January 1891.

District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.
Chutia Nagpur ...	Sirguja ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·10	...	...	...	...	...	...	...	...	1	1·10	1·07	1·10
	Jashpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·53	...	...	...	...	...	...	...	1	0·53	1·19	0·53
	Gangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·29	0·11	...	...	...	...	...	...	...	2	0·40	0·33	0·29
Orissa Tributary Mehals.	Keonjhar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·14	Nil
	Talcher ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·35	Nil
	Narsingpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·29	Nil
	Angul ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·21	Nil
	Dhenkanal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...	...	...	...	...	Nil	0·02	0·21	0·02
	Bispara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	...	...	...	...	...	...	...	Nil	0·08	0·37	0·08
	Kunjabangar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·16	Nil
	Baramba ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	?	Nil
British Bhutan	Pedong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·98	...	...	...	...	...	...	...	1	0·98	1·60	0·98
Sikkim	Gnatong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	?	Nil
Darjeeling ...	Mungpoo ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·65	...	...	...	...	...	...	...	1	0·65	0·97	0·65
Chittagong Hill Tracts.	Demagiri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·68	Nil
	***February* 1891.**																																			
Chutia Nagpur ...	Sirguja ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				Nil	Nil	0·16	Nil
	Jashpur ...	...	...	...	...	...	...	...	...	...	...	...	...	0·32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				1	0·32	0·20	0·32
	Gangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				Nil	Nil	0·90	Nil
Orissa Tributary Mehals.	Keonjhar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	0·20				2	0·50	0·17	0·30
	Talcher ...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	...	...	...	...	...	...	0·63	1·25	...	...	...	...	...				3	1·96	0·74	1·25
	Narsingpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·50	0·70	...	...	...	...	...				2	1·20	0·06	0·70
	Angul ...	...	...	...	...	...	...	...	...	...	...	...	...	0·12	0·04	...	...	...	...	...	...	...	...	0·52	...	0·14	...	...	...				3	0·82	0·94	0·52
	Dhenkanal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	0·97	...	...	...	...				1	1·05	0·72	0·97
	Bispara ...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	0·03	...	...	...	...	...	0·05	...	0·10	...	...	...	...	...	...				2	0·28	0·27	0·10
	Kunjabangar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				Nil	Nil	0·35	Nil
	Baramba ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Not recorded.																
British Bhutan	Pedong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·01	...	0·02	0·23	0·66	...	0·29	...	...	...				3	1·21	0·83	0·66
Sikkim	Gnatong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·35	0·17	0·40	...	...	...	...	...	...	...				3	0·92	?	0·40
Darjeeling ...	Mungpoo ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·12	0·13	1·28	0·02	...	...	...	...				3	1·53	0·72	1·28
Chittagong Hill Tracts.	Demagiri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	...	0·10	0·27	0·10	0·06	0·20	...	...	...	...				5	0·83	1·23	0·27
	***March* 1891.**																																			
Chutia Nagpur ...	Sirguja ...	...	...	...	...	...	1·10	2·08	...	...	...	...	0·15	...	...	...	0·16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	3·49	0·57	2·08
	Jashpur ...	...	...	...	...	3·77	...	...	...	...	1·01	1·00	...	...	...	...	...	0·[illegible]2	...	...	0·29	...	0·34	...	...	0·72	0·31	...	...	...	...	...	8	[illegible]·76	1·[illegible]0	3·77
	Gangpur ...	...	...	...	...	...	0·16	0·17	...	0·23	0·25	0·3[illegible]	0·35	0·05	...	...	...	...	...	...	0·02	0·25	...	...	...	0·61	0·30	0·40	...	...	...	...	10	3·09	1·07	0·61
Orissa Tributary Mehals.	Keonjhar ...	...	...	...	...	...	...	0·60	0·90	0·20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	1·70	0·25	0·90
	Talcher ...	...	...	...	0·10	0·50	0·13	...	0·70	0·35	0·57	0·50	0·87	0·51	...	...	...	...	0·60	...	...	...	...	0·30	1·25	0·25	...	...	...	...	...	...	13	6·53	0·98	1·25
	Narsingpur	...	...	...	0·50	...	...	...	...	0·50	1·00	0·20	...	0·82	...	...	...	...	...	...	...	...	...	...	0·12	...	...	...	...	...	...	...	6	3·14	0·50	1·00
	Angul ...	...	...	...	...	0·20	0·74	...	...	0·12	0·74	3·23	1·63	...	0·03	...	0·02	...	...	...	...	...	0·23	0·22	0·[illegible]6	0·33	0·20	...	...	...	...	...	11	7·95	0·66	3·23
	Dhenkanal	...	...	...	...	0·15	0·05	...	1·40	...	1·43	0·17	0·07	...	0·32	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	...	...	...	5	3·64	1·13	1·43
	Bispara ...	...	...	...	0·04	0·34	...	...	...	0·20	0·98	0·20	0·05	...	...	0·22	...	...	...	...	...	...	...	0·10	0·16	0·04	0·24	...	...	0·20	...	...	9	2·72	0·46	0·98
	Kunjabangar	...	...	...	...	...	...	...	0·83	0·50	0·88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	2·16	1·43	0·83
	Baramba ...	...	...	...	...	...	0·20	...	...	0·65	0·63	0·22	...	...	0·33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	2·03	?	0·65
British Bhutan ...	Pedong ...	...	0·08	0·03	...	...	0·21	0·20	...	...	...	...	...	3·01	...	...	0·70	0·39	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	3·80	3·16	3·01

KIM ...	Gnatong ...	...	0·80	0·20	...	0·60	2·50	...	...	...	0·10	0·30	0·36	0·40	...	...	0·28	0·14	0·08	...	...	...	...	...	...	...	...	...	...	...	...	...	10	5·76	?	2·50
JEELING ...	Mungpoo ...	...	...	...	...	...	0·55	0·39	...	...	...	0·13	...	1·95	0·05	...	...	0·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	3·20	2·12	1·95
TAGONG HILL TRACTS	Demagiri ...	...	...	...	...	0·03	...	...	...	...	...	0·07	0·03	...	0·42	0·32	...	...	...	...	...	0·60	...	...	...	...	...	...	...	...	...	...	3	1·46	3·73	0·69

April 1891.

TIA NAGPUR	Sirguja ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		Nil	Nil	0·28	Nil
	Jashpur ...	0·33	...	...	...	...	...	...	0·11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		2	0·34	0·16	0·28
	Gangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·12	0·03	...	...		1	1·15	0·82	1·12
SA TRIBUTARY MEHALS	Keonjhar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		Nil	Nil	0·49	Nil
	Talcher ...	0·11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·33	...	...	...	...	...	...	...	...	...	...	...		2	0·47	0·61	0·36
	Narsingpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		Nil	Nil	0·03	Nil
	Angul ...	0·03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		Nil	0·03	0·88	Nil
	Dhenkanal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·12	...	...	...	...		1	0·12	0·54	0·12
	Bispara ...	0·72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	0·70	...	...	...		2	1·44	0·41	0·72
	Kunjabangar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·00	...	...		1	1·00	1·66	1·00
	Baramba ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·21	...	...	...	...	...	...	...	...	...	0·33		2	0·54	?	0·33
ISH BHUTAN	Pedong ...	...	...	...	0·18	...	...	...	...	0·81	0·15	...	0·65	0·14	...	...	0·13	...	...	...	...	...	0·01	1·24	0·05	...	0·30	0·25	0·69	0·06	0·08		10	4·75	4·96	1·24
KIM ...	Gnatong ...	...	...	0·67	...	...	...	...	0·05	0·70	0·90	0·30	2·1	...	...	2·30	1·40	...	...	...	...	0·05	0·25	1·05	0·75	0·25	1·10	0·10	0·85	1·22	1·50		16	15·29	?	2·15
JEELING ...	Mungpoo ...	...	...	...	...	...	...	...	...	...	...	...	0·17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·27	0·40	0·02	0·19		4	1·05	4·05	0·40
TAGONG HILL TRACTS	Demagiri ...	...	...	...	...	...	...	...	...	...	0·60	0·57	...	...	...	...	...	...	...	...	...	...	0·96	0·20	0·17	0·80	0·98	1·61	0·67	0·46	0·13		11	7·15	4·96	1·61

May 1891.

TIA NAGPUR ...	Sirguja ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·30	...	...	...	...	...	...	...	1	1·30	0·71	1·30
	Jashpur ...	...	...	...	...	...	...	...	...	...	...	...	0·18	0·22	0·11	...	...	...	...	...	...	...	...	0·45	2·03	1·46	0·29	...	...	...	...	...	7	4·73	1·61	2·03
	Gangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	2·20	...	...	...	...	...	...	1	2·28	1·12	2·20
SA TRIBUTARY MEHALS	Keonjhar ...																	Not recorded.																		
	Talcher ...	0·10	...	...	...	...	...	...	...	...	...	...	0·09	0·04	...	...	...	0·54	0·08	...	...	0·03	...	...	0·12	3·95	0·12	...	...	...	...	...	5	5·13	2·08	3·95
	Narsingpur	...	...	...	...	...	...	...	...	...	...	...	0·14	...	0·82	...	...	1·00	...	...	...	0·14	...	...	3·00	0·57	0·23	...	...	...	...	...	7	5·95	1·03	3·00
	Angul ...	...	...	0·28	...	...	...	...	...	...	...	...	...	0·50	...	...	...	...	...	0·34	...	0·32	...	...	...	3·13	0·30	1·51	...	...	...	...	7	7·26	2·03	3·13
	Dhenkanal ...	0·08	...	...	0·04	...	...	...	...	...	...	...	...	0·12	...	...	...	...	...	...	...	...	...	...	0·54	2·36	0·18	0·03	...	...	...	...	4	3·35	2·25	2·36
	Bispara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	0·20	0·90	...	0·30	2·00	...	...	...	...	...	...	5	3·50	2·06	2·00
	Kunjabangar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·83	1·38	...	...	...	...	...	1·85	0·06	...	...	0·09	...	...	...	3	4·26	3·51	1·85
	Baramba ...	...	...	...	...	...	...	...	0·25	...	0·31	...	...	0·13	0·25	...	...	...	...	...	...	...	...	...	...	3·33	0·50	0·50	...	...	...	...	7	5·57	?	3·33
ISH BHUTAN	Pedong ...	0·04	6·32	...	0·01	0·20	0·10	1·22	0·10	0·04	0·63	0·34	0·02	0·10	0·43	1·13	0·30	0·24	1·50	0·40	0·09	...	0·23	0·21	1·43	2·10	3·01	...	...	0·06	...	0·68	19	22·08	8·55	6·33
KIM ...	Gnatong ...	0·30	...	1·17	0·90	1·15	1·70	0·45	0·26	0·23	0·20	0·48	0·60	1·43	1·40	1·10	0·82	0·60	1·29	1·45	0·42	1·68	1·08	0·34	1·32	6·40	2·13	...	...	0·23	0·50	0·55	23	30·18	?	6·40
JEELING ...	Mungpoo ...	...	...	...	1·24	0·73	...	...	...	0·06	0·31	0·74	...	...	0·34	...	2·11	0·49	1·26	1·52	...	...	0·22	...	...	3·12	3·78	0·10	...	...	...	0·64	14	16·57	9·61	3·78
TAGONG HILL TRACTS	Demagiri ...	0·60	0·15	...	...	...	1·50	0·10	...	0·65	0·60	...	0·08	...	0·84	0·71	0·53	0·41	0·60	1·25	1·18	1·30	2·16	0·06	0·12	1·42	...	0·22	0·05	0·05	0·50	0·17	20	15·25	11·41	2·16

June 1891.

TIA NAGPUR ...	Sirguja ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·75	1·32		2	2·97	8·77	1·88
	Jashpur ...	...	0·19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·48	1·80	...		3	2·47	12·00	1·80
	Gangpur ...	...	...	...	...	...	...	...	0·10	0·40	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·05	...		4	3·65	8·50	3·05
SA TRIBUTARY MEHALS	Keonjhar ...																		Not recorded.																	
	Talcher ...	...	1·25	...	0·25	0·14	...	...	...	0·01	0·02	0·04	0·67	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·59	0·16		5	4·93	7·97	1·39
	Narsingpur	...	...	...	...	...	...	...	...	0·14	...	0·15	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	...	...	...	...	...		3	0·44	7·34	0·15
	Angul ...	...	0·14	...	...	...	0·16	...	...	...	0·74	0·17	0·11	...	...	...	...	...	...	...	...	...	...	...	...	...	0·24	...	...	...	...		6	1·63	8·95	0·74
	Dhenkanal ...	...	1·65	...	0·75	...	0·50	...	...	...	...	0·53	0·45	...	...	0·22	...	...	...	...	...	...	...	...	...	...	...	...	...	0·93	0·14		8	5·19	9·66	1·68
	Bispara ...	...	0·25	...	0·22	...	0·41	...	...	0·20	0·76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·30	...	...		6	3·12	9·17	1·30
	Kunjabangar	...	0·03	...	...	...	0·07	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...		2	0·35	9·41	0·15
	Baramba ...	...	...	...	...	...	0·20	0·06	...	...	0·23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		2	1·19	?	0·90
ISH BHUTAN	Pedong ...	...	0·70	0·84	0·99	...	0·14	0·40	0·12	0·16	0·87	0·21	0·97	2·82	2·32	1·04	0·05	0·30	2·11	0·97	0·08	0·03	...	0·39	0·14	0·08	0·25	0·24	0·65	0·34	0·85		23	18·06	16·25	2·32
IM ...	Gnatong ...	0·80	0·75	3·07	0·45	0·20	0·70	0·25	1·40	1·60	1·05	1·31	0·56	2·31	3·66	2·83	1·10	0·18	...	0·05	...	0·56	0·32	0·45	0·40	1·00	0·15	0·60	0·60	0·80	0·55		27	37·47	?	3·06
EELING ...	Mungpoo ...	...	...	1·05	0·26	...	...	...	...	...	...	...	2·25	1·89	1·11	...	...	...	0·07	0·20	0·13	...	...	0·13	0·40	...	1·44	1·00	1·43	0·30	0·37		14	12·63	28·96	2·25
TAGONG HILL CTS	Demagiri ...	0·72	0·31	0·41	...	0·46	0·06	...	0·86	0·08	1·59	0·65	0·24	3·93	0·32	1·00	0·83	0·76	...	...	...	0·06	...	...	0·97	0·21	0·25	...	...	0·11	0·28		18	14·40	19·78	3·93

July 1891.

...TRICT.	Station.	1	2	3	4	5		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.
NAGPUR ...	Sirguja ...	...	...	2·75	0·62	...	...	3·23	...	...	1·02	...	...	...	6·35	3·08	...	...	0·35	...	2·15	...	...	...	1·35	...	...	...	...	...	0·25	1·55	11	22·70	16·81	6·35
	Jashpur ...	...	0·20	1·10	0·08	0·15	0·20	0·86	0·95	0·17	0·19	...	...	...	...	...	...	...	0·26	0·56	...	0·15	...	0·86	1·2	1·10	0·47	1·57	...	0·34	0·40	...	18	10·73	15·99	1·27
	Gangpur ...	...	1·00	...	0·75	...	...	0·5.	1·04	0·71	0·25	0·20	0·15	0·90	0·45	1·25	0·30	...	0·22	0·32	...	...	...	3·40	3·35	1·38	4·25	1·76	...	...	...	...	19	22·20	14·20	4·25
...IBUTARY ...LS	Keonjhar ...	...														Not recorded.																				
	Talcher ...	..	..	1·82	...	..	0·88	0·86	...	...	0·01	..	0·05	0·06	...	...	...	...	...	1·56	...	...	..	0·31	0·20	1·33	0·29	...	...	...	...	...	8	6·37	15·05	1·56
	Narsingpur ...	0·40	..	0·24	...	0·26		0·41	0·16	0·14	...	0·31	.	0·81	0·60	...	...	...	0·60	0·90	.	...	0·09	0·14	0·05	0·69	0·20	0·05	..	...	..	1·20	15	7·75	8·63	1·20
	Angul ...	.	0·28	..	0·46	..	0·07	0·14	0·40	..	..	0·04	2·24	0·34	..		...	...	...	..	1·03	..	0·81	...	...	.3	0·50	0·12	0·14	...	...	..	13	8·09	11·74	2·14
	Dhenkanal	...	0·16		...	...	0·14	1·23	0·15	.	.	0·04		0·07	1·63	0·10	...	...	...	0·12	...	0·20	...	0·51	0·.9	2·48	0·53	...	.	...	...	.	12	7·92	15·22	2·48
	Rispara ...	-	0·07	0·8	0·10		0·74	0·67	0·46	0·56	0·43	0·94	0·70	0·24	0·07	0·20	0·51	0·20		2·80	0·64	0·35	0·30	...	..	1·90	1·03	0·80	0·02	...	0·10	0·10	22	15·72	12·14	2·40
	Kunjabangar ...	0·50	0·03	.	..	0·06	1·00		..	...		...	...	.	...	...	...	...	2·50	2·03	2·00	2·04	2·00	2·50	0·08	1·04	0·50	0·12	..	...	...	0·93	13	17·16	12·02	2·50
	Baramba ...	...	...	..	...	...	0·11	0·40	1·61	.	0·05	0·22	0·12	0·25	...	2·35	...	...	...	0·39	0·52	0·17	...	0·01	0·16	...	0·25	0·61	0·20	...	...	...	15	7·36	?	2·35
BHUTAN ...	Pedong ...	0·75	0·20	0·10	..	0·76	1·73	0·81	1·94	0·11	...	1·45	2·51	0·21	0·35	0·16	0·63	0·08	1·14	0·15	...	0·47	1·04	1·23	0·41	1·36	0·10	3·09	1·69	0·34	1·46	0·92	27	25·46	27·26	3·09
... ...	Gnatong ...	1·25	0·10	0·85	1·20	1·16	2·13	0·59	0·30	0·80	2·25	0·40	0·44	1·30	1·00	0·90	0·45	0·20	0·25	...	0·45	0·30	1·10	0·78	0·70	1·50	1·20	4·07	0·47	0·30	0·05	0·50	30	28·50	?	4·07
...ING ...	Mungpoo ...	...	1·22	...	...	0·97	1·54	...	1·92	0·49	0·23	0·41	0·16	0·55	...	0·08	0·56	0·84	...	...	...	0·49	...	2·12	0·82	1·04	0·29	2·75	2·14	...	0·37	...	19	15·99	30·80	2·75
...ONG HILL ...	Demagiri ..	0·15	0·22	0·18	0·07	1·03	5·33	4·40	0·05	1·09	0·52	0·42	...	...	0·27	0·13	0·03	0·06	0·44	0·77	0·04	0·06	0·06	0·18	0·12	0·08	0·22	0·03	0·91	0·92	0·30	0·05	19	18·13	17·31	5·33

August 1891.

...TRICT.	Station.	1	2	3	4	5		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.
NAGPUR	Sirguja ...	2·22	...	0·75	0·08	0·32	...	...	...	...	3·23	0·51	...	...	...	1·19	...	...	...	1·52	...	...	2·10	0·32	...	...	2·30	..	...	0·75	...	...	11	15·39	23·51	3·73
	Jashpur ...	1·40	...	0·34	0·34	0·57	1·06	0·73	1·87	0·66	0·58	0·83	...	0·35	1·75	0·54	0·78	...	...	0·55	0·30	0·24	1·63	0·43	0·24	0·24	0·33	0·51	0·14	0·23	0·16	...	26	16·83	16·08	1·87
	Gangpur ...	..	1·30	1·35	0·54	0·20	1·75	0·78	0·28	0·26	1·04	0·58	0·96	0·65	0·82	0·20	...	...	...	0·20	...	0·18	0·32	0·76	1·15	2·05	1·64	0·88	...	...	...	0·15	23	18·04	16·44	2·05
...IBUTARY ...LS	Keonjhar ...	...														Not recorded.																				
	Talcher ...	...	2·10	0·91	0·91	...	...	1·15	...	..	0·07	0·57	0·57	1·30	0·40	2·13	...	...	...	0·57	1·23	...	0·09	0·06	0·50	2·40	...	0·60	...	0·09	...	0·80	15	16·45	10·86	2·40
	Narsingpur ...	...	1·02	0·41	..	0·52	0·41	...	..	...	0·42	0·05	0·82	0·21	...	0·40	..	...	0·10	0·67	0·33	0·18	2·00	0·43	...	1·08	...	0·30	...	1·50	...	...	17	10·81	8·66	2·00
	Angul ..	0·04	...	2·74	0·18	0·72	1·54	...	...	...	0·02	0·06	0·40	1·70	0·44	3·06	0·23	...	...	0·10	2·50	0·54	0·76	2·86	0·15	1·58	1·30	0·30	..	2·20	...	...	19	23·72	10·52	3·06
	Dhenkanal ..	0·22	1·07	4·18	1·01	3·21	0·07	..	...	..	0·50	0·69	1·01	1·14	0·08	0·16	0·03	0·25	...	0·11	0·92	0·25	1·51	0·02	0·64	0·21	0·08	0·21	0·58	0·15	0·15	0·78	22	19·22	12·96	4·18
	Rispara ...	0·10	0·40	2·12	0·01	0·20	0·20	0·21	0·39	...	...	0·20	0·4	1·21	0·50	0·02	...	...	...	0·50	0·40	...	...	2·41	0·51	0·42	0·20	0·06	0·25	0·21	...	0·04	19	10·80	9·41	2·40
	Kunjabangar ...	...	2·08	0·15	...	0·08	0·05	...	...	0·05	0·09	0·07	1·10	0·23	...	0·06	0·15	0·13	0·22	0·53	0·32	0·58	1·32	...	0·32	0·25	1·32	...	...	..	0·12	0·23	16	9·35	12·52	2·08
	Baramba ...	...	...	2·34	...	0·49	0·50	0·30	0·13	...	0·90	...	0·70	1·35	0·16	0·22	0·03	...	0·20	0·65	2·62	...	0·43	1·00	0·12	0·22	0·70	...	...	2·32	...	0·12	20	15·81	?	2·62
BHUTAN ...	Pedong ...	..	0·11	...	0·73	0·23	0·43	1·66	0·89	1·12	0·08	0·90	0·20	0·70	0·39	1·14	0·11	0·99	...	0·30	1·82	0·04	0·30	1·11	0·70	...	0·36	0·45	0·06	0·19	0·44	0·01	24	15·48	24·79	1·88
... ...	Gnatong ...	1·15	0·12	2·00	1·10	0·90	1·89	0·75	1·10	0·55	1·70	0·97	3·33	1·81	1·03	2·10	2·07	0·40	2·10	1·43	0·63	0·50	1·60	1·30	0·60	1·07	1·61	0·85	0·60	0·41	0·70	0·63	31	36·91	?	3·33
...ING ...	Mungpoo ...	0·03	...	...	...	...	2·71	...	0·45	1·02	...	1·27	0·05	1·02	0·96	2·28	0·49	0·60	1·43	0·27	2·24	...	0·13	1·10	...	0·54	...	0·26	...	...	0·62	...	17	17·46	26·29	2·71
...ONG HILL ...	Demagiri ...	0·03	0·28	6·30	0·68	0·50	...	0·72	0·17	0·18	0·57	0·47	0·33	...	...	1·02	0·01	...	0·08	0·78	0·77	0·03	2·30	0·55	1·60	0·57	1·25	...	0·25	0·27	...	..	20	13·78	20·49	2·30

September 1891.

...TRICT.	Station.	1	2	3	4	5		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.
NAGPUR...	Sirguja ...	0·25	...	0·60	...	1·15	.	...	.	0·07	..	...	...	..	...	0·32	...	..	...	1·71	...	0·45	...	...	...	...	...	...	..	...	...		6	4·55	7·09	1·71
	Jashpur ...	...	0·56	0·20	0·01	0··7	0·34	2·10	0·11	0·65	1·65	0·30	0·50	0·13	0·03	0·04	0·34	1·64	0·35	0·04	0·12	0·05	...	0·30	0·05	2·27	0·86	0·03	0·56	0·43	0·23		21	14·60	9·38	2·27
	Gangpur ...	...	0·55	0·36	0·62	1·63	1·58	0·53	0·24	0·26	0·53	1·80	1·74	0·45	0·02	...	0·04	1·55	...	0·10	...	0·40	0·23	...	...	0·56	...	...	0·07	0·28	0·18		19	13·72	7·94	1·80
...IBUTARY ...LS	Keonjhar ...	...														Not recorded.																				
	Talcher ...	..	1·53	0·50	0·18	...	1·70	...	...	...	0·14	0·20	6·50	...	...	...	...	1·10	0·60	...	...	...	2·10	0·50	0·25	...	..	...	...	...	...		13	15·30	8·30	6·50
	Narsingpur	0·22	...	0·63	0·28	0·74	0·08	...	...	2·10	0·27	1·65	0·40	0·60	...	0·25	0·35	1·40	...	...	...	0·30	2·60	...	0·25	...	...	0·20	0·70	...	...		17	13·04	4·98	2·60
	Angul ...	0·93	0·44	0·06	...	0·22	0·46	...	...	...	0·20	1·36	3·78	...	0·24	...	0·56	0·24	0·54	0·20	...	0·23	3·00	0·24	0·34	1·34	...	0·23	...	...	...		18	15·32	8·76	3·78
	Dhenkanal ...	0·19	0·01	0·01	0·60	1·16	1·39	...	...	0·15	1·68	1·47	5·82	0·19	0·09	...	0·01	0·46	0·37	0·10	0·06	0·44	1·08	2·17	0·02	0·92	0·02	1·43	...	...	0·12		18	20·98	9·98	5·82
	Rispara ...	2·00	0·80	1·22	...	0·30	1·84	0·02	...	...	0·23	0·01	1·28	0·40	0·01	0·14	0·20	1·11	1·70	0·20	...	0·01	1·35	5·06	0·35	0·45	0·02	0·01	...	0·15	...		18	18·86	5·89	5·06
	Kunjabangar	...																																		
	Baramba ...	1·44	0·10	0·15	0·16	0·73	2·50	0·10	...	...	1·77	1·34	1·88	0·91	...	...	...	0·23	0·11	...	...	...	...	2·71	0·70	...	...	...	...	...	...		15	14·53	12·26 ?	2·7

British Bhutan ...	Pedong ...	1·93	1·11	0·11	0·15	1·73	[illegible]	...	0·25	0·16	0·72	0·43	0·67	0·12	0·02	0·33	0·90	...	0·37	0·05	...	...	...	...	0·38	0·35	0·24	0·61	...	...	...		19	11·98	13·24	1·93
Sikkim	Gnatong ...	1·03	0·73	0·51	0·49	0·63	[illegible]	0·21	·53	0·11	0·80	0·40	1·33	0·31	1·33	2·13	0·39	0·63	...	...	0·20	...	0·20	0·50	0·60	0·16	2·07	1·20	0·50	0·21	0·30		27	17·51	?	2·13
Darjeeling ...	Mungpoo ...	0·97	0·29	...	1·10	0·07	...	...	...	0·13	...	...	...	0·65	...	...	2·74	...	0·92	...	...	...	...	...	...	0·62	0·54	0·87	...	...	...		10	8·89	16·09	2·74
Chittagong Hill Tracts.	Demagiri ...	0·47	0·16	0·05	0·03	1·35	0·25	0·08	0·32	...	...	0·34	0·03	0·34	...	0·20	...	0·07	1·20	1·48	0·14	0·41	0·93	...	0·37	0·11	0·41	...	...	...	...		16	9·40	17·71	1·48
October 1891.																																				
Chutia Nagpur ...	Sirguja ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	1·30	Nil
	Jashpur ...	0·05	...	0·05	...	0·01	...	0·26	...	...	...	...	...	1·98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	3	2·55	3·94	1·98
	Gangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	Nil	0·04	1·77	0·04
Orissa Tributary Mehals.	Keonjhar ...	Not recorded																																		
	Talcher ...	...	...	...	...	...	...	...	0·83	0·10	0·35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	1·45	2·77	0·83
	Narsingpur ...	...	...	0·30	...	0·35	...	...	0·32	1·10	0·15	0·25	...	...	...	1·15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	4·12	4·06	1·15
	Angul ...	0·04	1·32	0·26	0·30	...	0·32	...	...	...	0·03	...	...	...	...	0·74	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	3·01	5·10	1·31
	Dhenkanal ...	...	...	...	...	...	...	...	...	0·65	0·12	...	...	...	...	1·12	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	5	1·50	4·05	1·12
	Bispara ...	0·65	0·12	0·21	1·00	0·32	0·20	...	...	0·81	0·95	...	...	...	...	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	4·36	4·59	1·[illegible]0
	Kunjabangar ...	0·33	0·15	1·32	0·03	0·23	...	...	1·23	0·17	0·15	...	...	...	...	0·12	0·05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	3·87	5·70	1·32
	Baramba ...	...	...	0·31	...	...	...	...	...	0·69	...	0·20	...	...	...	1·90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	3·10	?	1·90
British Bhutan ...	Pedong ...	...	0·15	...	0·01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	0·34	...	...	0·08	...	...	3	1·38	2·05	0·84
Sikkim	Gnatong ...	1·00	0·90	0·40	...	...	...	...	...	0·50	...	...	...	...	...	...	...	...	...	...	0·16	...	...	0·33	0·50	0·30	0·10	0·20	0·30	0·15	...	...	11	5·74	?	1·00
Darjeeling ...	Mungpoo ...	...	0·93	...	0·30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·12	...	...	3	1·35	4·31	0·93
Chittagong Hill Tracts.	Demagiri ...	...	0·14	0·28	0·33	...	...	...	...	...	...	0·06	0·33	...	...	...	...	...	...	...	...	1·79	...	...	...	...	...	...	...	...	...	...	5	2·36	6·83	1·79
November 1891.																																				
Chutia Nagpur ...	Sirguja ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		Nil	Nil	0·81	Nil
	Jashpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		Nil	Nil	0·79	Nil
	Gangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		Nil	Nil	1·01	Nil
Orissa Tributary Mehals.	Keonjhar ...	Not recorded.																																		
	Talcher ...	...	...	...	...	1·12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		1	1·12	1·62	1·12
	Narsingpur ...	...	...	...	0·35	0·15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		2	0·70	2·79	0·55
	Angul ...																																		1·62	
	Dhenkanal ...	...	...	...	0·34	1·52	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		2	1·86	1·40	1·52
	Bispara ...	...	...	...	...	0·27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		1	0·27	1·44	0·27
	Kunjabangar ...	...	...	...	0·05	0·09	0·02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		Nil	0·16	2·10	0·09
	Baramba ...	...	...	...	...	0·53	0·42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		2	0·95	?	0·53
British Bhutan	Pedong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·21	...	...	...	...	...	...	...	...	...	...		1	0·21	0·26	0·21
Sikkim	Gnatong ...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	0·45	0·08	...	...	...	0·30	...	...	...	...	...	...	...	...	...	0·04	...		3	1·15	?	0·45
Darjeeling ...	Mungpoo ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		Nil	Nil	0·16	Nil
Chittagong Hill Tracts.	Demagiri ...	...	...	...	...	0·19	0·31	0·14	...	...	...	...	0·03	...	0·15	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	...	...		5	0·91	1·73	0·31
December 1891.																																				
Chutia Nagpur ...	Sirguja ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·41	Nil
	Jashpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·51	Nil
	Gangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·59	Nil
Orissa Tributary Mehals.	Keonjhar ...	Not recorded.																																		
	Talcher ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·36	Nil
	Narsingpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·15	Nil
	Angul ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·[illegible]0	Nil
	Dhenkanal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·48	Nil
	Bispara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·49	Nil
	Kunjabangar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·20	Nil
	Baramba ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	?	Nil
British Bhutan ...	Pedong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·64	Nil
Sikkim	Gnatong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	?	Nil
Darjeeling ...	Mungpoo ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nil	Nil	0·17	Nil
Chittagong Hill Tracts.	Demagiri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	0·10	0·75	0·10

Meteorological Report of the Province c

Meteorological Division.	District.	Representative stations.	STATION OBSERVATIONS. Air Pressure. Highest, 8 A.M., barometer reading of month.	Lowest, 8 A.M., barometer reading of month.	Mean, 8 A.M., for month.	Mean reduced to sea-level & to Lat 45°.	Variation from normal mean.	Temperature. Highest of month.	Lowest of month.	Mean daily maximum temperature	Mean daily minimum temperature.	Mean daily temperature.	Variation from normal mean.	Humidity. Mean, 8 A.M., humidity.	Variation from normal mean.	Cloud. Mean cloud amount, 8 A.M.	Variation from normal mean, 8 A.M.	Rainfall.
Orissa.	Pooree	Pooree ...	30·179	29·936	30·077	30·026	—	85·7	58·6	80·6	63·9	72·3	—	70	—	0·6	—	Nil
		Gopalpore ...	30·167	29·964	30·074	30·035	+·043?	88·2	54·5	81·1	60·1	70·6	+1·8	75	—	0·2	—	Nil
		False Point ..	30·164	29·958	30·076	30·039	+·006	83·4	54·5	80·4	59·5	70·0	+1·1	90	0	1·1	—1·3	Nil
	Cuttack	Cuttack .	30·112	29·892	30·018	30·044	+·018	88·4	53·9	85·0	60·1	72·6	+0·3	78	0	2·8	+0·8	Nil
	Balasore	Balasore ..	30·137	29·879	30·038	30·043	+·004	89·4	50·5	83·1	56·1	69·6	+2·2	77	—	0·2	—	Nil
South-West Bengal.	South-West Midnapore and South 24-Pergunnahs.	Saugor Island ..	30·160	29·910	30·066	30·036	+·006	81·2	52·2	77·3	59·2	68·2	+0·3	89	+1	1·2	—1·1	Nil
	Midnapore .. .	Midnapore .	30·034	29·783	29·945	30·040	—·002	91·3	51·2	84·2	56·3	70·3	+4·0	64	—	0·9	—	Nil
	24-Pergunnahs, Howrah, and Hooghly.	Calcutta ...	30·171	29·907	30·075	30·043	+·003	85·6	49·7	79·7	54·7	67·2	+1·1	85	+1	0·5	—1·4	Nil
	Burdwan	Burdwan ...	30·096	29·831	30·006	30·038	+·010	87·6	48·8	81·3	55·0	68·1	+1·7	63	—12	1·2	—0·4	Nil
	Bankoora	Bankoora ...	29·853	29·603	29·766	30·034	—·002	88·1	50·3	81·5	55·2	68·4	+3·4	68	—	1·4	—	Nil
	West Burdwan ... ... Beerbhoom	Ranigunge ..	29·853‡	29·589‡	29·760‡	30·082‡	+·009‡	86·5†	50·0†	81·3†	54·6†	68·0†	+2·5†	64‡	—	0·8‡	—	Nil
	Moorshedabad	Berhampore ..	30·114	29·842	30·022	30·041	—·006	84·6	49·1	79·4	54·2	66·8	+1·8	88	+8	1·5	—0·2	Nil
	Nuddea	Krishnagore ...	30·141	29·868	30·042	30·041	+·018	86·5	45·2	80·6	51·3	66·0	+2·6	81	—	1·3	—	Nil
	Jessore and Khoolna ...	Jessore ...	30·147	29·885	30·053	30·034	+·003	84·2	47·4	79·3	52·7	65·9	+0·3	89	+6	1·6	—0·3	Nil
East Bengal.	Chittagong	Chittagong ...	30·088	29·885	29·997	30·036	+·007	88·7	50·1	81·0	55·1	68·1	+1·6	85	—3	1·2	—0·4	Nil
	Chittagong Hill Tracts	Demagri ...				Observations not received.												
	Backergunge	Barrisal ...	30·176	29·933	30·073	30·031	+·017	83·3	48·6	78·0	54·7	66·7	+2·7	86§	—	0·3	—	Nil
	Noakholly	Noakholly ...	30·135	29·888	30·037	30·029	+·016	82·0	46·0	79·1	52·1	65·6	+1·0	89	—	0	—	Nil
	Furreedpore	Furreedpore ...	30·160	29·890	30·054	30·043	+·022	83·0§	47·0	75·4§	53·1	64·2§	+1·0	91	—	0·6	—	Nil
	Dacca	Dacca ..	30·172	29·891	30·060	30·031	+·001	84·1	49·7	79·9	56·1	68·0	+1·5	86	+4	1·6	0	Nil
	Commillah	Commillah ...	30·138	29·912	30·052	30·036	+·016	82·4	48·1	79·4	53·7	66·6	+2·5	90	—	1·3	—	Nil
	Mymensingh	Mymensingh ..	30·127	29·867	30·029	30·040	+·013	79·9	47·1	76·6	53·3	65·0	+2·3	91	—	1·0	—	Nil
North Bengal.	Bogra	Bogra ..	30·103	29·828	30·001	30·018	+·008	82·3	45·2	77·9	51·4	64·7	+1·0	85	—	0·3	—	Nil
	Pubna	Serajgunge ...	30·128	29·862	30·032	30·030	+·003	81·5	44·5	78·0	50·7	64·4	+1·7	91	—	0·6	—	Nil
	Rajshahye	Rampore Beauleah.	30·108	29·833	30·010	30·033	+·013	81·0	47·7	77·1	52·4	64·8	+3·0	81	—	0·8	—	Nil
	Maldah	Maldah ..	30·120*	29·862*	30·022*	30·058*	—	82·6	42·7*	79·0	49·4*	64·3*	—	80	—	0·4	—	Nil
	Dinagepore	Dinagepore ...	30·066	29·777	29·957	30·036	—·011	82·0	42·5	78·4	48·5	63·5	+1·9	81	—	0·4	—	Nil
	Rungpore	Rungpore	30·074	29·781	29·964	30·050	+·001	80·6	43·0	77·2	49·5	63·4	+2·3	89	—	0·2	—	Nil
	Julpigoree and Cooch Behar.	Julpigoree ..	29·896	29·508	29·782	30·036	—·003	80·4	48·1	75·5	52·0	63·7	+2·3	90	—	0·2	—	Nil
	Darjeeling Hill Tracts...	Darjeeling .	23·137§	22·540§	22·992?	—	+·013	50·5	32·4	44·3	35·8	40·1	+0·6	87	+13	3·1	—2·0	0·28
North Behar.	Purneah and North Bhagulpore.	Purneah ..	30·073	29·777	29·962	30·051	+·001	82·2	39·3	78·0	45·3	61·7	+0·4	89	+4	0·7	—0·7	Nil
	Mozufferpore	Mozufferpore*	30·120	29·713	29·898	30·043	—	79·9	41·8	77·0	48·6	62·8	—	91	—	1·4	—	Nil
	Durbhunga	Durbhunga ..	30·059	29·755	29·941	30·073	+·014	81·2	45·4	76·3	51·1	63·7	+1·7	84	+1	1·0	—0·2	0·03
	Chumparun	Motihari ...	29·963	29·666	29·843	30·041	+·001	80·2	39·0	76·5	45·7	61·1	+1·7	89	—	1·1	—	Nil
	Sarun	Chupra ..	30·000	29·743	29·901	30·048	+·028	80·8	45·7	76·7	50·6	63·7	+2·7	84	—	1·2	—	Nil
South Behar.	Shahabad	Dehree .	29·836§	29·58 §	29·73 §	30·06 §	+·004§	81·8	49·5	77·7	56·9	67·3	+5·8	67	—	1·7	—	0·04
		Buxar ..	29·965	29·716	29·864	30·074	+·017	81·9	45·9	76·2	51·4	63·8	+2·0	71	—	2·1	—	0·06
		Arrah ...	30·005	29·737	29·896	30·052	+·019	80·7	?	76·7	?	?	?	80	—	1·8	—	0·09
	Gya	Gya ..	29·810	29·516	29·7 2	30·072	+·014	82·4	46·2	78·1	53·3	65·7	+2·2	69	+4	2·4	+0·2	0·12
	Patna	Bankipore ...	30·009	29·757	29·916	30·061	—·005	77·4	41·4	73·1	51·5	62·4	+1·3	66	—13	2·4	+0·3	0·06
	South Bhagulpore and Monghyr.	Bhagulpore ...	30·041	29·745	29·923	30·046	+·004	82·3	45·0	78·2	50·7	64·5	+3·1	73	—	1·8	—	Nil
	Sonthal Pergunnahs ...	Naya Doomka	29·668	29·421	29·577	30·058	+·008	84·1	45·0	79·0	51·4	65·2	+2·3	71	—	0	—	Nil
Chota Nagpore.	Hazaribagh	Hazaribagh ...	28·119	27·902	28·027	30·063	+·011	87·2	47·8	76·0	52·0	64·0	+2·5	58	—2	2·7	+0·8	Nil
	Lohardugga ... ... Maunbhoom	Ranchee ...	27·989	27·777	27·899	30·046	+·013	81·0	46·9	76·3	52·0	64·2	+3·3	62	—	2·7	—	Nil
	Singbhoom	Chyebassa ...	29·404	29·180	29·317	30·053	+·034	87·4	40·2	82·5	54·0	68·3	+2·3	61	—	1·1	—	Nil
Assam	Sibsagar	Sibsagar ...	29·864	29·636	29·760	30·070	—·016	77·1	45·1	70·7	51·5	61·1	+1·3	99	+2	9·2	+3·7	0·00
	Goalpara	Dhubri ...	30·092	29·782	29·965	30·042	—·016	80·0	50·0	76·0	54·2	65·1	+1·6	91	0	1·4	—0·5	0·61
	Cachar	Silchar ...	30·089	29·855	29·986	30·040	+·006	83·5	46·0	78·4	52·7	65·6	+1·1	91	+2	3·3	—0·2	0·56

* Mean of 27 days. | † Mean of 28 days. | ‡ Mean of 29 days. | § Mean of 30 days.

Bengal for the month of January 1892.

DISTRICT OBSERVATIONS.

RAINFALL.

Of month: Mean of district.	Of month: Normal mean.	Of month: Variation from mean.	Of month: Number of rainy days.	Of month: Normal mean number of rainy days.	Since 16th October 1891: Mean of district.	Since 16th October 1891: Normal mean.	Since 16th October 1891: Variation.	Since 16th October 1891: Mean number of rainy days.	Since 16th October 1891: Normal mean number of rainy days.	Representative stations.	DISTRICT.	METEOROLOGICAL DIVISION.
Nil	0·31	−0·31	0·00	0·61	8·34	7·06	+1·28	3·00	7·81	Pooree ... Gopalpore ... False Point ...	Pooree	ORISSA.
Nil	0·35	−·35	0·00	0·66	7·09	4·59	+3·10	2·80	6·47	Cuttack ...	Cuttack	ORISSA.
Nil	0·44	−0·44	0·00	0·77	3·99	3·33	+0·66	3·17	5·11	Balasore ...	Balasore	ORISSA.
Nil	0·43	−0·43	0·00	0·85	2·54	5·10	−2·56	1·66	5·48	Saugor Island ..	South-West Midnapore and South 24-Pergunnahs.	SOUTH-WEST BENGAL.
Nil	0·50	−0·50	0·00	0·89	0·28	2·59	−2·31	1·00	5·25	Midnapore ...	Midnapore	SOUTH-WEST BENGAL.
Nil	0·50	−0·50	0·00	0·94	0·46	2·73	−2·27	1·40	4·10	Calcutta ...	24-Pergunnahs, Howrah, and Hooghly.	SOUTH-WEST BENGAL.
	0·39	−0·39	0·00	0·73	0·55	2·65	−2·10	1·33	3·27	Burdwan ...	Burdwan	SOUTH-WEST BENGAL.
Nil	0·33	−0·33	0·00	1·03	0·56	2·46	−1·90	2·00	4·00	Bankoora ...	Bankoora	SOUTH-WEST BENGAL.
Nil	0·46	−0·46	0·00	1·06	1·35	2·02	−0·67	2·00	3·38	Ranigunge ...	West Burdwan and Beerbhoom.	SOUTH-WEST BENGAL.
Nil	0·45	−0·45	0·00	0·91	1·34	2·17	−0·83	1·83	3·12	Berhampore ...	Moorshedabad	SOUTH-WEST BENGAL.
Nil	0·35	−0·35	0·00	0·78	0·75	2·39	−1·64	1·20	3·54	Krishnagore ...	Nuddea	SOUTH-WEST BENGAL.
Nil	0·50	−0·50	0·00	0·96	1·85	3·01	−1·16	2·62	4·48	Jessore ...	Jessore and Khoolna ...	SOUTH-WEST BENGAL.
Nil	0·70	−0·70	0·00	0·92	3·00	5·86	−2·86	6·00	6·25	Chittagong ...	Chittagong	EAST BENGAL.
Nil	0·59	−0·59	0·00	1·10	3·33	5·18	−1·85	7·00	6·55	Demagri ...	Chittagong Hill Tracts	EAST BENGAL.
Nil	0·71	−0·71	0·00	1·22	1·34	4·41	−3·07	3·00	5·40	Barrisal ..	Backergunge	EAST BENGAL.
Nil	0·71	−0·71	0·00	1·09	2·43	5·76	−3·33	3·50	5·93	Noakholly ..	Noakholly	EAST BENGAL.
Nil	0·45	−0·45	0·00	1·00	1·94	2·63	−0·69	2·33	4·34	Furreedpore ...	Furreedpore	EAST BENGAL.
Nil	0·43	−0·43	0·00	1·23	2·47	3·13	−0·66	2·75	4·83	Dacca ...	Dacca	EAST BENGAL.
Nil	0·66	−0·66	0·00	1·36	5·67	3·36	+2·31	3·75	5·36	Commillah ...	Commillah	EAST BENGAL.
Nil	0·40	−0·40	0·00	0·97	1·91	2·82	−0·91	2·60	3·97	Mymensingh ...	Mymensingh	EAST BENGAL.
Nil	0·37	−0·37	0·00	0·91	2·34	2·44	−0·10	2·50	3·02	Bogra ...	Bogra	NORTH BENGAL.
Nil	0·41	−0·41	0·00	1·01	1·05	2·64	−1·59	2·50	4·18	Serajgunge ...	Pubna	NORTH BENGAL.
Nil	0·56	−0·56	0·00	1·00	1·22	2·02	−1·20	1·67	3·05	Rampore Beauleah.	Rajshahye	NORTH BENGAL.
Nil	0·47	−0·47	0·00	0·87	0·14	1·94	−1·80	0·50	2·34	Maldah ...	Maldah	NORTH BENGAL.
Nil	0·53	−0·53	0·00	0·94	0·19	1·71	−1·52	0·60	2·29	Dinagepore ...	Dinagepore	NORTH BENGAL.
Nil	0·48	−0·48	0·00	0·83	0·17	2·35	−2·18	0·50	2·47	Rungpore ...	Rungpore	NORTH BENGAL.
Nil	0·54	−0·54	0·00	0·97	Nil	2·56	−2·56	0·00	3·11	Julpigoree ...	Julpigoree and Cooch Behar.	NORTH BENGAL.
0·37	0·96	−0·59	0·75	2·05	1·08	3·82	−2·74	1·75	4·93	Darjeeling ...	Darjeeling Hill Tracts.	
Nil	0·50	−0·50	0·00	1·03	Nil	1·95	−1·95	0·00	3·38	Purneah ...	Purneah and North Bhagulpore.	NORTH BEHAR.
0·03	0·66	−0·63	0·00	1·47	0·09	1·74	−1·65	0·00	2·90	Mozufferpore ...	Mozufferpore	NORTH BEHAR.
0·01	0·64	−0·63	0·00	1·23	0·01	1·60	−1·59	0·00	2·44	Durbhunga ...	Durbhunga	NORTH BEHAR.
Nil	0·07	−0·67	0·00	1·37	Nil	1·19	−1·19	0·00	2·38	Motihari ...	Chumparun	NORTH BEHAR.
Nil	0·75	−0·75	0·00	1·03	0·05	1·77	−1·72	0·00	3·08	Chupra ...	Sarun	NORTH BEHAR.
0·13	0·66	−0·53	0·50	1·59	0·17	2·27	−2·10	0·70	3·63	Dehree ... Buxar ... Arrah ...	Shahabad	SOUTH BEHAR.
0·13	0·66	−0·53	0·50	1·34	0·33	1·82	−1·49	1·00	3·09	Gya ...	Gya	SOUTH BEHAR.
0·04	0·57	−0·53	0·00	1·42	0·17	2·02	−1·85	0·50	3·16	Bankipore ...	Patna	SOUTH BEHAR.
Nil	0·56	−0·56	0·00	1·34	0·07	1·95	−1·88	0·40	3·02	Bhagulpore ...	South Bhagulpore and Monghyr.	SOUTH BEHAR.
Nil	0·37	−0·37	0·00	0·89	0·49	1·83	−1·34	1·00	2·81	Naya Doomka...	Sonthal Pergunnahs ...	SOUTH BEHAR.
Nil	0·61	−0·61	0·00	1·28	0·15	1·87	−1·72	0·20	3·75	Hazaribagh ...	Hazaribagh	CHOTA NAGPUR.
Nil	0·75	−0·75	0·00	1·64	0·18	2·39	−2·21	0·66	4·55	Ranchee ...	Lohardugga	CHOTA NAGPUR.
Nil	0·49	−0·49	0·00	1·20	0·40	1·83	−1·43	1·50	3·34	Ranchee ...	Manbhoom	CHOTA NAGPUR.
Nil	0·73	−0·73	0·00	1·55	0·54	2·60	−2·06	1·00	5·20	Chyebassa ...	Singbhoom	CHOTA NAGPUR.
										Sibsagar... ... Dhubri ... ... Silchar	Sibsagar ... ... Goalpara ... ... Cachar	ASSAM.

Table of Rainfall recorded at stations

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ORISSA ...	Pooree ...	Pooree ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khurdah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		False Point ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gop ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Satpara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pipli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cuttack ...	Jagatsingpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banki ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Cuttack ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kendrapara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jajpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dharmsalla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Salipore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	[illegible] ...	Akhyapada ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chandbali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhuddruck ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sorah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Balasore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jollasore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Baripodah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SOUTH-WEST BENGAL.	Midnapore ...	Contai ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Saugor Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tumlook ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Midnapore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ghatal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kukrahaty ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Garbeta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	24-Pergunnahs	Diamond Harbour.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Canning Town	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Alipore Jail ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barrackpore...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dum-Dum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Baraset ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Buseerhat ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Howrah ...	Howrah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mohesreka ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Oolooberiah.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hooghly ...	Serampore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hooghly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jehanabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Burdwan ...	Culna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Burdwan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Cutwa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raneegunge ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mankur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bankoora ...	Bankoora ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bishenpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Maliara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khatra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Indas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kotalpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Anda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gangajalghati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raipore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sonamukhi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Beerbhoom ...	Bh. Soory ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hetampore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rampore Haut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bolpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Murarai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nuddea ...	Ranaghat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kishnaghur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chooadanga ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Meherpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kooshtea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khoolna ...	Satkhira ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bagirhat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khoolna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nakipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rampal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore ...	Narail ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhenidah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Magoorah ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bongong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Moorshedabad	Kandi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Berhampore...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lalbagh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Azimgunge ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jungipore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lalgola .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Akhriganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Patkabari ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
[illegible] BENGAL.	Chittagong ...	Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kutubdia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Satkanya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong Hill Tracts.	Rangamati ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bandarban ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

in Bengal in January 1892.

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 16th October 1891 to 31st January 1892.	Average rainfall from 16th October to 31st January.	Station.	District.	Meteorological division.
...	...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·25	Nil	15·91	7·77	Pooree ...	Pooree	ORISSA.
...	...	...	...	...	...	...	...	...	...	...	Nil	0·60	Nil	0·27	Nil	3·74	5·33	Khurdah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·08	Nil	1·77	6·94	Banpur.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·85	Nil	0·02	Nil	12·25	8·18	False Point.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	*Gop.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	4·10	?	*Satpara.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·98	?	*Pipli.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·58	Nil	0·35	Nil	12·47	4·60	Jagatsingpore.	Cuttack.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·63	Nil	0·22	Nil	1·17	5·00	Banki.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·75	Nil	0·34	Nil	4·87	4·57	Cuttack.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·60	Nil	0·42	Nil	10·72	4·80	Kendrapara.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·74	Nil	0·42	Nil	3·24	3·84	Jajpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	5·34	?	*Dharmsala.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	8·20	?	*Salipore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	4·74	?	Akhyapada ..	Balasore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·75	Nil	0·51	Nil	11·05	4·72	Chandbali.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·67	Nil	0·39	Nil	5·85	3·62	Bhuddruck.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·75	Nil	0·25	Nil	3·93	2·91	Sorah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·75	Nil	0·49	Nil	2·[illegible]7	4·20	Balasore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·87	Nil	0·72	Nil	0·82	2·15	Jellasore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·82	Nil	0·28	Nil	0·36	2·41	Baripodah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·60	Nil	0·28	Nil	2·49	5·91	Contai	Midnapore ...	SOUTH-WEST BENGAL.
...	...	...	...	...	...	...	...	...	...	...	Nil	0·90	Nil	0·37	Nil	4·44	5·91	Saugor Island		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·74	Nil	0·38	Nil	0·35	3·26	Tumlook.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·00	Nil	0·61	Nil	0·18	3·0[illegible]	Midnapore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·92	Nil	0·51	Nil	0·33	1·42	Ghatal.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·31	?	*Kukrahaty.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·19	?	*Garbeta.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·05	Nil	0·63	Nil	0·70	3·48	Diamond Harbour.	24-Pergunnahs	
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·34	?	*Canning Town.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·84	Nil	0·72	Nil	0·43	3·36	Alipore Jail.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·95	Nil	0·45	Nil	0·28	2·56	Barrackpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·05	Nil	0·52	Nil	0·40	2·79	Dum-Dum.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·21	Nil	0·59	Nil	0·36	3·08	Barasat.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·79	Nil	0·41	Nil	1·28	2·81	Buseerhat		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·95	Nil	0·59	Nil	0·29	3·10	Howrah ...	Howrah.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·86	Nil	0·51	Nil	0·41	2·17	Mohesreka		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·35	?	*Ooloobariah.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·00	Nil	0·42	Nil	0·49	2·58	Serampore ...	Hooghly.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·99	Nil	0·38	Nil	0·33	2·28	Hooghly.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·89	Nil	0·39	Nil	0·30	2·53	Jehanabad.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·63	Nil	0·40	Nil	0·34	2·32	Culna ...	Burdwan.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·75	Nil	0·32	Nil	0·28	2·70	Burdwan.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·79	Nil	0·45	Nil	0·18	2·62	Cutwa.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·05	Nil	0·33	Nil	0·56	1·86	Raneegunge.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·85	?	*Mankur.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·10	Nil	0·37	Nil	0·60	2·57	Bankoora ...	Bankoora.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·00	Nil	0·38	Nil	0·37	2·13	Bishenpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·89	Nil	0·33	Nil	0·65	2·25	Mahara.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·11	Nil	0·44	Nil	0·59	2·89	Khatra.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·48	?	Indas.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·30	?	Kotalpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·41	?	Anda.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·29	?	Gangajalghati		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·82	?	*Raipore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·51	?	*Sonamukhi.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·95	Nil	0·45	Nil	1·45	2·37	Bh. Soory .	Beerbhoom.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·13	Nil	0·51	Nil	1·52	1·46	Hetampore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·12	Nil	0·53	Nil	1·88	2·49	Rampore Haut		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·10	?	*Bolpur*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·56	?	*Murarai.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·63	Nil	0·46	Nil	0·60	2·49	Ranaghat ...	Nuddea.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·80	Nil	0·30	Nil	1·30	1·73	Kishnaghar.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·79	Nil	0·31	Nil	0·47	2·59	Chooadanga.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·79	Nil	0·31	Nil	0·30	2·09	Meherpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·90	Nil	0·38	Nil	1·00	3·04	Kooshtea.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·95	Nil	0·40	Nil	3·13	2·85	Satkhira	Khoolna.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·94	Nil	0·60	Nil	2·78	3·95	Bagirhat.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·39	Nil	0·60	Nil	3·89	3·24	Khoolna.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·82	?	*Nakipur.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·80	?	*Rampal.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·11	Nil	0·08	Nil	2·18	3·12	Narail .	Jessore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·95	Nil	0·61	Nil	1·43	3·31	Jessore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·00	Nil	0·34	Nil	0·34	2·71	Jhenidah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·72	Nil	0·32	Nil	0·52	2·00	Magoorah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·65	Nil	0·33	Nil	0·56	2·80	Bongong.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·93	Nil	0·37	Nil	1·20	2·02	Kandi ...	Moorshedabad.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·05	Nil	0·54	Nil	1·06	2·52	Berhampore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·57	Nil	0·20	Nil	0·86	1·55	Lalbagh.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·82	Nil	0·50	Nil	1·86	2·14	Azimgunge.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·00	Nil	0·44	Nil	1·48	2·14	Jungipore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·06	Nil	0·55	Nil	1·60	2·52	Lalgola.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·63	?	*Akhrigunj.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·10	?	*Patkabari.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·95	Nil	0·77	Nil	4·01	7·07	Cox's Bazar .	Chittagong ..	EAST BENGAL.
...	...	...	...	...	...	...	...	...	...	...	Nil	0·90	Nil	0·63	Nil	1·98	4·65	Chittagong.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	3·81	?	*Kutubdia.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	3·73	?	*Satkanya.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·10	Nil	0·59	Nil	3·33	5·18	Rangamati ...	Chittagong Hill Tracts.	
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	3·04	?	*Bandarban* ...		

Table of Rainfall recorded at Stations

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST BENGAL—*concld.*	Backergunge	Patuakhally	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ferozepore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Burrisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhola	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gournaddi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bauphal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Noakholly	Noakholly	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fenny	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Harishpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ramganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Furreedpore	Madaripore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Furreedpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Goalundo	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dacca	Munshigunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dacca	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naraingunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manickgunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Joydebpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hill Tipperah	Agartola	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tipperah	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chandpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Brahmunberia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ramchandrapore.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nasirnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daudkandi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kasba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Laksham	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mymensingh	Kishoregunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Atia (*Tangail*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jamalpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Netrokona	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Subornakhally	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Durgapore							...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sherpore Town	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dewanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NORTH BENGAL	Pubna	Pubna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Serajgunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra	Sherpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nowkhilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Panchbibi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahye	Beauleah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nattore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naogaon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lalpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maldah	Maldah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chanchal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gajol	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sibganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinagepore	Mohadebpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Churaman	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raigunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dinagepore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Baloorghat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Thakurgaon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rungpore	Bhawanigunge (*Gyabanda*).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rungpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kurigram	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bagdogra (*Nilphamari*).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ulipore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Julpigoree	Julpigoree	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Alipore Dooar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Falacotta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Debiganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhagatpore (Nagrakutta).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cooch Behar	Dinhatta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Cooch Behar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mekligunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mathabhanga	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Darjeeling Hill	Buxa	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...	...	...	...	...
		Siliguri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Darjeeling	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kalimpong	...	...	...	...	...	...	...	...	...	...	0·06	...	...	...	...	...	...	...	...	...
		Kurseong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NORTH BEHAR	Purneah	Kissengunge	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arrariah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Purneah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gondwara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barsoe	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Matiari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kaliaganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	North Bhagulpore.	Madhipore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Soopool	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pratabganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

in Bengal in January 1892—*continued.*

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 16th October 1891 to 31st January 1892.	Average rainfall from 16th October to 31st January.	District.	Station.	Meteorological division.
...	...	...	...	...	...	...	...	...	...	...	Nil	1·29	Nil	0·79	Nil	0·93	4·81	Patuakhally ...	Backergunge.	EAST BENGAL—*concld.*
...	...	...	...	...	...	...	...	...	...	...	Nil	1·11	Nil	0·71	Nil	1·69	4·25	Ferozepore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·30	Nil	0·77	Nil	2·21	4·27	Burrisal.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·17	Nil	0·58	Nil	0·54	4·31	Bhola.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	4·01	?	*Gournaddi.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·60	?	*Bauphal.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·10	Nil	0·62	Nil	2·77	5·03	Noakholly ...	Noakholly.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·08	Nil	0·79	Nil	2·09	6·49	Fenny.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·47	?	*Harishpore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·39	?	*Ramganj.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·05	Nil	0·61	Nil	4·24	2·54	Madaripore	Furreedpore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·85	Nil	0·34	Nil	1·07	2·71	Furreedpore.		
...	...	...	...	...	...	...	...	...	...	...	Ni	1·11	Nil	0·40	Nil	0·53	2·63	Goalundo.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·41	Nil	0·54	Nil	3·78	3·67	Munshigunge.	Dacca.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·85	Nil	0·33	Nil	1·96	2·13	Dacca.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·43	Nil	0·39	Nil	3·34	4·13	Naraingunge.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·24	Nil	0·44	Nil	0·82	2·59	Manickgunge		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·95	?	*Joydebpore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·30	Nil	0·65	Nil	7·40	4·06	Agartola ..	Hill Tipperah.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·53	Nil	0·68	Nil	6·42	3·23	Comilla ...	Tipperah.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·18	Nil	0·53	Nil	4·45	2·92	Chandpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·42	Nil	0·[illegible]7	Nil	4·59	3·23	Brahmunberia.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	3·42	?	*Ramchandrapore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·55	?	*Nasirnagar.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	3·17	?	*Daudkandi.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	7·44	?	*Kasba.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·05	?	*Laksham.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·26	Nil	0·57	Nil	1·67	2·68	Kishoregunge.	Mymensingh.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·00	Nil	0·43	Nil	0·63	2·67	Atia (*Tangail*).		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·80	Nil	0·38	Nil	2·57	3·02	Mymensingh.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·89	Nil	0·43	Nil	3·00	2·80	Jamalpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·88	Nil	0·19	Nil	1·71	2·92	Netrokona.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·10	?	*Subornakhally.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	*Durgapore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·08	?	*Sherepore Town*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·84	?	*Dewanganj.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·90	Nil	0·36	Nil	0·99	2·39	Pubna ...	Pubna ...	NORTH BENGAL.
...	...	...	...	...	...	...	...	...	...	...	Nil	1·11	Nil	0·45	Nil	1·09	2·88	Serajgunge.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·83	Nil	0·36	Nil	2·64	2·79	Sherpore ..	Bogra.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·15	Nil	0·36	Nil	2·67	2·80	Nowkhilla.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·85	Nil	0·45	Nil	3·60	2·44	Bogra.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·77	Nil	0·32	Nil	0·45	1·71	Panchbibi.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·80	Nil	0·40	Nil	0·31	2·01	Beauleah	Rajshahye.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·05	Nil	0·61	Nil	1·44	2·60	Nattore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·14	Nil	0·66	Nil	1·90	1·44	*Naogaon.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	-	Nil	1·07	?	*Lalpore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·00	?	*Manda.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·90	Nil	0·43	Nil	0·26	2·41	Maldah ..	Maldah.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·83	Nil	0·51	Nil	0·[illegible]2	1·46	Chanchal.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·15	?	*Gajol.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·93	?	*Sibganj.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·00	Nil	0·57	Nil	0·70	1·63	Mohadebpore .	Dinagepore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·70	Nil	0·57	Nil	0·08	1·46	Churamon.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·08	Nil	0·57	Nil	Nil	1·23	Raigunge.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·90	Nil	0·40	Nil	Nil	2·51	Dinagepore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·00	Nil	0·55	Nil	0·17	1·71	Baloorghat		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Thakurgaon*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·84	Nil	0·35	Nil	0·54	2·27	Bhawanigunge (*Gyabanda*).	Rungpore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·75	Nil	0·58	Nil	0·09	3·42	Rungpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·86	Nil	0·51	Nil	0·06	1·83	Kurigram.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·86	Nil	0·40	Nil	Nil	1·89	Bagdogra. (*Nilphamari.*)		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·48	?	*Ultpore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·21	Nil	0·55	Nil	Nil	3·49	Julpigoree ..	Julpigoree.	
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Alipore Dooar.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Falacotta.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Debiganj.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·41	?	*Bhagatpore (Nagrakatta).*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·00	Nil	0·68	Nil	Nil	2·57	Dinnatta		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·94	Nil	0·43	Nil	Nil	2·29	Cooch Behar ..	Cooch Behar.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·80	Nil	0·56	Nil	Nil	2·20	Mickligunge.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·90	Nil	0·48	Nil	Nil	2·17	Matabhanga		
...	...	...	...	...	...	0·74	...	...	...	...	1	2·70	0·76	1·14	0·74	3·06	6·20	Buxa ...	Darjeeling.	
...	...	...	...	...	...		...	...	...	...	Nil	1·43	Nil	0·82	Nil	Nil	1·80	Siliguri.		
...	...	...	...	...	...	0·28	...	...	...	0·31	2	1·85	0·[illegible]	0·64	0·31	0·66	5·18	Darjeeling.		
...	...	...	...	...	...	0·04	...	...	...	...	Nil	2·22	0·14	1·24	0·08	0·61	2·11	Kalimpong.		
...	...	...	...	...	...	0·06	...	...	...	...	Nil	?	0·06	?	0·06	0·06	?	Kurseong.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·06	Nil	0·63	Nil	Nil	1·98	Kissengunge ...	Purneah ..	NORTH BEHAR.
...	...	...	...	...	...	...	...	...	...	...	Nil	0·89	Nil	0·48	Nil	Nil	1·84	Arrareah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·84	Nil	0·46	Nil	Nil	2·32	Purneah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Gondwara.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Barsoe.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Matiari.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Kaliaganj.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·21	Nil	0·47	Nil	Nil	2·00	Maddapore ..	North Bhagulpore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·17	Nil	0·46	Nil	Nil	1·63	Soopool.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Protabganj.*		

Table of Rainfall recorded at Stations in

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NORTH BEHAR —*concld.*	Durbhunga ...	Tajpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Durbhunga ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Madhubani ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bahera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Roshera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mozufferpore	Sitamarhi ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mozufferpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hajipore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Paru ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahua ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Siuhar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pupri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chumparun ..	Motihari ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bettiah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bagaha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Burhurwa ...	...	...	...	...	[illegible]	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sarun ...	Gopalgunge ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sewan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chupra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SOUTH BEHAR	Shahabad ...	Buxar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dehree ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhubooah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sasseram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arrah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mohaniah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khiri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ageaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rammagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Koath ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sikroul ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bassawan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manaharpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gya ...	Aurungabad...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nowadah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jehanabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daudnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sherghati ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakri Barawan.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patna ...	Patna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dinapore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Behar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barrh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bickram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hilsa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Monghyr ...	Begooserai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Monghyr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jumui ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gogri ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sheikpura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South Bhagulpore.	Bhagulpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banka ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kolgong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bongaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sonthal Pergunnahs.	Rajmehal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Godda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakour ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nya Doomka	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Deoghur .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jamtara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mohagama ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nanihat ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CHUTIA NAGPUR.	Hazaribagh ..	Pachamba (*Giridi*).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hazaribagh ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Semtagurah .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahudi Hills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhoomrah Hills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barhi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chatra ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Karagdeha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ramghar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lohardugga...	Lohardugga ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ranchi ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palamow ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sills ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Balumat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hoseinabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Garwah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Singbhoom ..	Chyebassa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chakradharpore.																				
		Ghatsila ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Baharagura .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Manbhoom ...	Purulia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gobindpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raghunathpore.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barrabhoom ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhalda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pandra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Bengal in January 1892—*concluded.*

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 16th October 1891 to 31st January 1892.	Average rainfall from 16th October to 31st January.	Station.	District.	Meteorological division.
...	...	...	...	...	...	...	...	...	...	...	Nil	1·21	Nil	0·64	Nil	Nil	1·61	Tajpore ...	Durbhunga ...	North Behar—*concld.*
...	...	...	0·03	...	...	...	...	...	...	...	Nil	1·26	0·03	0·53	0·03	0·03	1·59	Durbhunga.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·22	Nil	0·74	Nil	Nil	1·60	Madhubani.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Bahera.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Roshera.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·16	Nil	0·53	Nil	Nil	1·30	Sitamarhi	Mozufferpore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·53	Nil	0·79	Nil	Nil	2·28	Mozufferpore		
...	...	...	0·08	...	...	...	...	...	...	...	Nil	1·72	0·08	0·85	0·08	0·25	1·63	Hajipore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Paru.*		
...	...	0·05	...	...	...	...	...	...	...	...	Nil	?	0·05	?	0·05	0·05	?	*Mahua.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Siuhar.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Pupri.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·41	Nil	0·65	Nil	Nil	1·22	Motihari ...	Chumparun.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·33	Nil	0·60	Nil	Nil	1·17	Bettiah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Bagaha.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Burhurwa.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·36	Nil	0·84	Nil	0·07	1·26	Gopalgunge ..	Sarun.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·84	Nil	0·76	Nil	0·09	2·09	Sewan		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·70	Nil	0·66	Nil	Nil	1·97	Chuprah.		
...	...	...	0·06	...	...	...	...	...	...	...	Nil	1·80	0·06	0·79	0·06	0·24	2·30	Buxar ...	Shahabad ...	South Behar.
...	...	...	0·04	...	...	...	...	...	...	...	Nil	1·43	0·04	0·62	0·04	0·04	2·38	Dehree.		
...	...	0·25	0·18	...	...	...	...	...	...	...	2	1·37	0·43	0·68	0·25	0·43	2·56	Bhuboosh.		
...	...	...	0·06	...	...	...	...	...	...	...	Nil	1·63	0·06	0·50	0·06	0·06	2·19	Sasseram.		
...	...	0·09	...	...	...	...	...	...	...	...	Nil	1·70	0·09	0·71	0·09	0·09	1·93	Arrah.		
...	...	0·21	...	...	...	...	...	...	...	...	1	?	0·21	?	0·21	0·21	?	*Mohaniah.*		
...	...	...	0·30	...	...	...	...	...	...	...	1	?	0·30	?	0·30	?	?	*Khiri.*		
...	...	...	0·13	...	...	...	...	...	...	...	1	?	0·13	?	0·13	?	?	*Ageaon.*		
...	...	...	0·27	...	...	...	...	...	...	...	1	?	0·27	?	0·27	?	?	*Rammagar.*		
...	...	...	0·21	...	...	...	...	...	...	...	1	?	0·21	?	0·21	?	?	*Koath.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	*Silroul.*		
...	...	...	0·19	...	...	...	...	...	...	...	2	?	0·44	?	0·25	?	?	*Bassawan.*		
...	...	0·25	0·28	...	...	...	...	...	...	...	1	?	0·28	?	0·28	?	?	*Manaharpur.*		
...	...	...	0·37	...	...	...	...	...	...	...	1	1·16	0·37	0·60	0·37	0·37	1·63	Aurungabad ..	Gya.	
...	...	...	0·12	...	...	...	...	...	...	...	1	1·40	0·12	0·61	0·12	0·85	1·97	Gya.		
...	...	...	0·01	...	...	...	...	...	...	...	Nil	1·26	0·01	0·70	0·01	0·08	1·87	Nowadah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·53	Nil	0·71	Nil	Nil	1·82	Jehanabad.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Arwal.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Daudnagar.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·26	?	*Sherghati.*		
...	...	0·50	...	...	...	...	...	...	...	...	1	?	0·50	?	0·50	0·50	?	*Rajauli.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·03	?	*Pakri Barawan.*		
...	...	...	0·06	...	...	...	...	...	...	...	Nil	1·35	0·06	0·59	0·06	0·27	2·00	Patna ...	Patna.	
...	...	0·06	0·04	...	...	...	...	...	...	...	Nil	1·45	0·10	0·56	0·06	0·20	1·92	Dinapore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·63	Nil	0·67	Nil	0·06	2·19	Behar.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·26	Nil	0·47	Nil	0·13	1·96	Barh.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Bickram.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·41	?	*Hilsa.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·26	Nil	0·56	Nil	0·05	2·18	Begooserai ...	Monghyr.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·35	Nil	0·48	Nil	Nil	1·96	Monghyr.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·18	Nil	0·67	Nil	0·10	1·64	Jamui.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Gogri.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Sheikpura.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·30	Nil	0·48	Nil	0·01	1·73	Bhagulpore ...	South Bhagulpore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·58	Nil	0·53	Nil	0·18	2·27	Banka.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Kolgong.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Bongaon.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·67	Nil	0·17	Nil	0·14	1·47	Rajmehal ...	Sonthal Pergunnahs.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·06	Nil	0·35	Nil	0·08	1·56	Godda.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·34	Nil	0·25	Nil	1·25	1·40	Pakour.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·28	Nil	0·58	Nil	0·88	2·32	Nya Doomka.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·00	Nil	0·44	Nil	0·18	2·53	Deoghur.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·80	Nil	0·41	Nil	0·80	1·68	Jamtara.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	*Mohagama.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·76	?	*Naunhat.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·11	Nil	0·49	Nil	Nil	1·82	Pachamba ... (Giridi).	Hazaribagh ...	Chutia Nagpur.
...	...	...	...	...	...	...	...	...	...	...	Nil	1·45	Nil	0·60	Nil	0·15	2·03	Hazaribagh.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·27	Nil	0·51	Nil	Nil	1·47	Sentaguruh.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·45	Nil	0·83	Nil	Nil	1·86	Mahudi Hills.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·11	Nil	0·70	Nil	0·50	2·16	Jhoomrah Hills.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·07	?	*Barhi.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·05	?	*Chatra.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·17	?	*Karagdeha.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·15	?	*Ramghar.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·86	Nil	0·84	Nil	0·23	2·63	Lohardugga .	Lohardugga.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·53	Nil	0·64	Nil	0·26	2·21	Ranchi.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·53	Nil	0·71	Nil	0·06	2·29	Palamow.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Silli.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Balumat.*		
...	...	...	0·50	...	...	...	...	...	...	...	1	?	0·50	?	0·50	0·50	?	*Hoseinabad.*		
...	...	...	0·10	...	...	...	...	...	...	...	1	?	0·10	?	0·10	0·10	?	*Garwah.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·85	Nil	0·73	Nil	0·54	2·60	Chyebassa	Singbhoom.	
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	*Chakradharpore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·88	?	*Ghatsila.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·63	?	*Baharagura.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·40	Nil	0·46	Nil	0·65	1·84	Purulia ...	Manbhoom.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·01	Nil	0·51	Nil	0·25	1·88	Gobindpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Raghunathpore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·70	?	*Barrabhoom.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·23	?	*Jhalda.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·19	?	*Chas.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	*Pandra.*		

SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE MONTH OF JANUARY 1892.

1. The most noticeable feature of the weather during the past month has been the absence of rainfall in all districts; the only falls occurring in Behar and the Darjeeling Hill Tracts, where, however, they rarely exceeded a tenth of an inch—a small fraction of what is usually received in January.

2. In consequence of the continued absence of cloudy weather, temperature has been above the normal, especially during the third week, when both night and day readings were about 5° in excess. In the early part of the month minimum readings were generally a little below the normal in the northern districts, and about 3° below in Orissa and South-West Bengal, and again there was a similar arrangement after the period of warm weather about the middle of the month.

3. Humidity differed very little from the normal, as taken from the 8 A.M. readings, but cloud proportion is low in all districts.

4. These abnormal conditions as to rainfall and temperature have not been due to the absence of barometric depressions, as three of these approached the province during the month, but though pressure was considerably in defect at the time, their influence in the higher reaches of the atmosphere seems to have been much less than usual.

At the end of December a rather rapid fall of pressure set in at the western stations, and continuing for about two days caused defect of more than a tenth of an inch in the western districts. Southerly winds began in Lower Bengal, but the effect of the disturbance which disappeared before the centre reached Bengal, was apparent only in the wind circulation and increasing temperature. On the 1st of January pressure was again rising, and by the 2nd, northerly winds recommenced. After this ordinary cold weather conditions prevailed till the 9th, with small oscillations of pressure, but on the 9th another disturbance in North-Western India began to affect the pressure and temperature distribution in Bengal, the former falling by a tenth of an inch and the latter rising several degrees. As before, fine clear weather continued with increasing humidity and a tendency to southerly winds. The depression was, however, not so short-lived as the previous one, and moving in an easterly direction reached Bengal about the 11th, when passing near Berhampore it moved slowly over the province, the recovery of pressure not occurring till the 14th. While southerly winds were blowing. the air near the surface of the earth was warm and moist, but the sky continued almost cloudless, and no rain was reported except a few drops at Kalimpong. On the 14th pressure was below the normal by amounts varying from ·15 inch to ·2 inch. The depression then began to fill up, the rise on the 15th being moderate in the southern districts, and continuing more rapidly on the following day. From this date winds became northerly, temperature fell rapidly, and ordinary cold weather prevailed for some days From the 16th to the 19th, northerly or north-westerly winds prevailed, humidity and temperature were both low, and the sky absolutely cloudless. On the 20th the third depression of the month began to affect weather in Bengal, but it was then far to the north-west, and as happened in the beginning of the month, it filled up before it reached the western districts of the province. It was only on the 23rd and 24th that its influence was marked, in the cloudy sky and light rainfall, in Behar; but from the 22nd temperature and humidity rose, and wind directions were east or south-east. The districts where light rain fell were Shahabad, Gya, and Patna on both the 23rd and 24th. On the latter of these two days pressure was falling in North and Central Bengal, but though temperature and humidity continued high, there was no apparent depression, and no more rain fell except a few showers in the Darjeeling Hills on the 27th. Pressure then began to rise, and continued till the 29th, the resulting distribution being between a twentieth and a tenth of an inch above the normal. Temperature, however, continued high, and excess in some places amounted to 7°. During the last week, North Behar received on an average about a tenth of the normal rainfall, and South Behar about a third, while the average excess of temperature for the whole province was very little under 4°.

Pressure—Differed very little from the normal during the first ten days of January, the average for this period being a few thousandths of an inch above the normal, except in the extreme north where there was a very slight defect During the following week readings were generally a tenth of an inch below, and the largest average defect was ·126 inch at Dinagepore and ·118 inch at Berhampore, while at some of the eastern and southern stations defect was little over ·05 inch. After the filling up of the depression about the middle of the month, there was a rapid rise resulting in a moderate excess for the week ending on the 23rd and this excess continued or slowly increased to about a tenth of an inch till the end of the month.

Temperature—Has been high during the greater part of the month, especially during the day. In the first part of the month minimum readings were generally one or two degrees below the normal, but as there was a considerable excess during the day, the means were only slightly in defect, except in Orissa. During the second week unusually warm weather prevailed, and means were in some cases more than 5° above the normal. After the depression filled up, night readings were again below the normal, but towards the end of the month there was again a large excess, especially in the hill districts where previously there had been comparatively low temperatures. The means for the whole month are above the normal by amounts varying between 1·3° in Assam and about 3° in Chutia Nagpur and South Behar.

The actual oscillations and variations of temperature from the normal for the month are given in the following table, where the variations from the normal of the average maximum, minimum and mean temperatures at nine typical stations in different districts, are given :—

Stations.	Week ending 2nd January 1892.			Week ending 9th January 1892.			Week ending 16th January 1892.			Week ending 23rd January 1892.			Week ending 30th January 1892.		
	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.
Cuttack	−1·4	−4·7	−3·1	−1·3	−2·6	−2·0	+2·4	−0·1	+1·2	+0·4	+1·9	+1·2	+0·7	+2·4	+1·6
Calcutta	+1·2	−2·6	−0·7	+1·8	−3·5	−1·0	+5·1	+3·1	+4·1	+1·5	−2·9	−0·7	+3·8	+1·5	+2·6
Dacca	+1·1	−1·8	−0·3	+1·1	+0·2	+0·6	+2·5	+4·2	+3·4	+0·1	−2·4	−1·2	+3·7	+3·7	+3·6
Burdwan	+0·7	−0·5	+0·1	+1·4	−2·5	−0·5	+6·0	+2·5	+4·3	+1·7	−1·6	0	+3·8	+3·3	+3·5
Patna	+0·7	+1·4	+1·0	−1·8	−0·1	−1·0	+3·6	+2·5	+3·1	+0·2	+0·9	+0·5	+0·1	+4·5	+2·3
Gya	−0·1	−1·1	−0·6	+0·1	−1·6	−1·0	+5·4	+5·0	+5·3	+1·9	+0·7	+1·3	+2·5	+4·3	+3·4
Purneah ...	+1·0	−3·1	−1·0	+2·1	−5·3	−1·6	+4·6	−2·7	+1·0	+1·8	−5·0	−1·6	+5·6	+1·1	+3·4
Hazaribagh ..	+0·2	−1·0	−0·4	+2·2	−0·3	+0·9	+6·3	+3·6	+5·0	+1·9	+1·4	+1·6	+4·1	+2·0	+3·0
Darjeeling	−0·9	0	−0·4	−1·6	−0·4	−1·0	−2·1	−1·3	−1·7	−0·9	+0·6	−0·2	+3·5	+5·3	+4·4

Rainfall.—Light general rain fell in Shahabad, Gya, and Patna on the 23rd and 24th, and in the Darjeeling Hills on the 27th. At other times no rain fell anywhere The average fall in North Behar is ·01 inch and in South Behar 06 inch, the normal being more than half an inch in both cases.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the month of January 1892 :—

Meteorological Divisions.	Temperature.						Rainfall.							
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of month above or below normal mean of month.	Of month.			Rainy days			Since 16th Oct 1891.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in month.	Normal average number in month	Variation.	Average.	Normal average.
Orissa	89·4	50·5	82·0	59·9	71·0	+1·4	Nil	0·37	−0·37	0·00	0·69	−0·69	6·44	4·75
South-West Bengal	91·3	45·2	80·5	54·8	67·7	+2·0	Nil	0·45	−0·45	0·00	0·92	−0·92	1·95	2·71
East Bengal	88·7	46·0	78·6	54·0	66·3	+1·8	Nil	0·56	−0·56	0·00	1·13	−1·13	2·41	3·76
North Bengal	82·6	42·5	77·6	50·6	64·1	+2·0	Nil	0·49	−0·49	0·00	0·89	−0·89	0·65	3·23
North Behar	82·2	39·0	76·9	48·3	62·6	+1·6	0·01	0·62	−0·61	0·00	1·31	−1·31	0·03	1·73
South Behar	84·1	44·4	77·0	52·5	64·8	+2·8	0·06	0·55	−0·49	0·17	1·24	−1·07	0·21	1·98
Chutia Nagpur	81·2*	46·9*	76·2*	52·0*	64·1*	+2·9*	Nil	0·64	−0·64	0·00	1·39	−1·39	0·25	2·06
Assam	83·5	45·1	75·0	52·8	63·9	+1·3								

* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL ;
The 16th February 1892.

C. LITTLE
For Meteorological Reporter to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS. Air Pressure. Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Wind. Prevailing direction.	Mean wind velocity.	Temperature. Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Pooree	Pooree	29·968	29·917	—	NW	257	85·7	13th Feb.	69·1	12th Feb.	83·5	70·2	76·9	—	73·7
		Gopalpore	29·971	29·932	—·011	NNW	261	87·2	12th "	63·9	7th "	83·4	65·9	74·7	+1·3	69·0
		False Point	29·976	29·039	—·046	SWly	230	85·4	12th "	63·0	13th "	83·3	66·1	74·7	+2·3	72·2
	Cuttack	Cuttack	29·926	29·951	—·013	Calm		92·4	8 & 9 "	64·0	7th "	90·8	66·3	78·5	+1·9	70·6
	Balasore	Balasore	29·927	29·931	—·057	SSW	128	89·4	8th "	61·6	13th "	87·0	65·3	76·2	+6·4	69·8
South-West Bengal.	South-West Midnapore, South 24-Pergunnahs	Saugor Island	29·966	29·936	—·049	Variable	231	82·7	8—10 & 13. "	63·4	13th "	82·3	69·8	76·1	+4·4	73·8
	Midnapore	Midnapore	29·818	29·949	—·040	S	201	93·3	7th "	61·2	12, 13 "	89·2	64·5	76·9	+8·5	70·6
	24-Pergunnahs, Howrah, Hooghly	Calcutta	29·973	29·940	—·056	SWly	103	86·6	7, 9 "	60·2	13th "	85·3	63·8	74·5	+4·9	69·1
	Burdwan	Burdwan	29·893	29·948	—·051	Calm	43	88·8	11th "	59·4	13th "	85·0	62·9	74·4	+5·0	67·9
	Bankoora	Bankoora	29·661	29·922	—·059	Wly	58	89·9	8th "	58·9	13th "	84·7	61·5	73·1	+6·8	66·5
	Beerbhoom, West Burdwan	Raneegunge	29·637	29·971	—·050	?	?	89·7	7th "	59·6	13th "	84·5	60·9	72·7	+5·9	65·5
	Moorshedabad	Berhampore	29·918	29·936	—·061	Sly	51	87·6	7th "	57·2	13th "	84·0	59·2	71·6	+4·1	64·2
	Nuddea	Krishnaghur	29·934	29·932	—·043	Sly	83	88·0	11th "	60·1	12th "	86·0	59·9	73·0	+3·6	67·3
	Jessore, Khoolna	Jessore	29·900	29·941	—·049	Calm	51	87·2	5th "	57·5	12th "	85·2	61·9	73·5	+5·2	66·8
East Bengal.	Chittagong	Chittagong	29·926	29·963	—·033	Calm	51*	88·7	13th "	61·1	12th "	84·2	63·3	73·8	+5·0	67·7
	Chittagong Hill Tracts	Demagiri						Observations not received.								
	Backergunge	Burrisal	29·939	29·957	—·011	Calm	60	84·3	8, 12 Feb.	60·1	10, 12 & 13. "	83·3	63·3	73·8	+6·9	68·0
	Noakhally	Noakholly*	29·959	29·970	·043	Calm	64	84·0	13th "	57·5	9th "	81·9	59·9	70·9	+5·2	66·7
	Furreedpore	Furreedpore	29·9705	29·9582	—·0355	Calm & Sly	60	86·6	8th "	58·0	12 & 13 "	82·8	61·3	72·0	+8·0	67·0
	Dacca	Dacca	29·073	29·943	—·040	Variable	105	87·6	8th "	56·3	9th "	84·2	62·6	73·4	+4·6	67·4
	Commillah	Commillah	29·972	29·957	—·030	SEly	43	85·4	8th "	57·3	10th "	83·6	61·0	72·3	+6·4	65·5
	Mymensingh	Mymensingh	29·930	29·951	—·051	ENE	75	83·4	8th "	57·6	13th "	79·7	60·5	70·1	+6·4	63·9
North Bengal.	Bogra	Bogra	29·903	29·919	—·045	Calm	40	85·3	7 & 8 "	54·7	13th "	82·7	57·3	70·0	+7·0	62·4
	Pubna	Serajgunge	29·934	29·931	—·054	Wly	35	85·9	11th "	54·1	11th "	83·5	57·3	70·4	+8·1	62·8
	Rajshahye	Rampore Beauleah	29·939	29·931	—·039	Variable	56	85·8	7th "	55·7	13th "	81·4	59·0	70·2	+7·8	61·0
	Maldah	Maldah	29·912	29·916	—	Wly	84	83·3	7th "	53·5	11th "	84·5	56·3	70·4	—	65·7
	Dinagepore	Dinagepore	29·859	29·936	—·064	SWly	36	87·1	7th "	51·4	9th "	82·3	55·6	69·0	+7·7	61·9
	Rungpore	Rungpore	29·872	29·935	—·034	Variable	40	84·8	7th "	53·0	9th "	81·4	56·0	68·7	+6·5	61·2
	Julpigoree, Cooch Behar	Julpigoree	29·601	29·942	—·045	NEly	62	82·9	7th "	52·6	10th "	78·4	53·4	66·9	+6·8	60·9
	Darjeeling Hill Tracts	Darjeeling	22·914	—	+·023	WSW	206	51·2	7th "	35·3	9th "	45·6	37·6	41·6	+3·7	41·2
North Behar.	Purneah, North Bhaugulpore	Purneah	29·844	29·930	—·062	Calm	35	85·7	7th "	48·3	9th "	82·0	52·7	67·4	+4·1	58·0
	Mozufferpore	Mozufferpore	29·731	29·932	—	Variable	72	84·7	7th "	52·3	9th "	81·8	50·3	60·2	—	60·5
	Durbhunga	Durbhunga	29·833	29·964	—·035	WNW	50	82·4	7 & 8 "	53·5	11th "	80·2	57·5	68·9	+5·4	61·9
	Chumparun	Motihari	29·757*	29·949*	—·026*	WNW	121	83·2	7 & 8 "	48·9	10th "	81·2	54·3	67·8	+9·1	60·1
	Sarun	Chupra	29·801	29·944	—·038	Calm	77	84·3	7th "	55·1	9th "	82·4	59·0	70·7	+9·7	63·4
South Behar.	Shahabad	Dehree	29·626?	29·947?	—·046?	SSW	117	85·3	7, 8, 12 "	51·0	9, 10 "	83·1	55·0	69·1	*+0·6	65·1
		Buxar	29·744	29·948	—·060	Wly	118	84·4	7, 10 "	53·9	10th "	82·4	59·6	71·0	+9·8	64·5
		Arrah	29·790	29·940	—·037	Variable	72	85·0	7th "	?	?	83·3	?	?	?	63·7
	Gya	Gya	29·617	29·962	—·041	S	150	86·4	7th "	56·8	10th "	83·3	59·3	71·3	+1·1	64·2
	Patna	Bankipore	29·8[illegible]3	29·936	—·052	Wly	72	81·4	12 & 13 "	55·4	9, 10 "	80·2	59·8	70·0	+6·6	67·1
	South Bhaugulpore, Monghyr	Bhaugulpore	29·810	29·935	—·042	Calm	12	86·2	7th "	54·0	9th "	83·0	58·6	70·9	+8·9	64·1
	Sonthal Pergunnahs	Doomka	29·455	29·957	—·036	NW & Calm	40	87·1	7th "	57·0	10th "	82·9	58·7	70·8	+6·7	62·1
Chutia Nagpur.	Hazaribagh	Hazaribagh	7·931	29·972	—·025*	W	103	84·1	7th "	55·4	9th "	79·3	57·9	68·6	+4·2	61·5
	Lohardugga, Manbhoom	Ranchee	27·827	29·957	—·017	Wly	120	85·9	8th "	55·7	9th "	81·1	58·0	69·6	+7·0	63·5
	Singbhoom	Chyebassa	29·229	29·957	—·037	NW & SW	32	91·4	7th "	59·7	13th "	85·8	61·5	73·7	+6·2	70·[illegible]

* Mean of 6 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last [illegible] The humidity of the atmosphere is expressed at percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the arithmetical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the [illegible] stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 13th of February 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	DISTRICT OBSERVATIONS. Of week. Mean for district.	Of week. Normal mean.	Rainfall. Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 10th October 1891. Mean for district.	Since 10th October 1891. Normal mean.	Since 10th October 1891. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
83	2·7	Nil	Nil	0·35	Nil	0·52	−0·32	8·34	7·17	+1·17	0·00	0·66	Pooree ...	Pooree	Orissa.
89	0·3	Nil											Gopalpore ...		
91	2·9	Nil											False Point ...		
80	1·7	Nil	Nil	0·33	Nil	0·59	−0·59	7·69	4·03	+3·77	0·00	0·51	Cuttack ...	Cuttack	
86	1·4	Nil	0·04	0·23	0·04	0·55	−0·51	4·03	3·84	+0·19	0·17	0·45	Balasore ...	Balasore	
80	5·3	Nil	Nil	0·28	Nil	0·83	−0·83	2·34	5·33	−2·99	0·00	0·53	Saugor Island ...	South-West Midnapore; South 24 Pergunnahs	South-West Bengal.
78	2·1	Nil	Nil	0·18	Nil	0·66	−0·63	0·28	3·11	−2·83	0·00	0·30	Midnapore ...	Midnapore	
90	2·3	Nil	0·07	0·35	0·07	0·88	−0·81	0·53	3·25	−2·72	0·20	0·33	Calcutta ...	24-Pergunnahs ...; Howrah ... ...; Hooghly	
72	4·7	0·01	0·01	0·36	0·01	0·71	−0·70	0·55	2·86	−2·31	0·00	0·57	Burdwan ...	Burdwan	
72	3·7	Nil	0·02	0·28	0·02	0·43	−0·44	0·58	2·51	−1·93	0·00	0·32	Bankoora ...	Bankoora	
63	5·0	0·07	0·10	0·45	0·10	0·79	−0·69	1·45	2·38	−0·93	0·25	0·42	Raneegunge ...	Beerbhoom ... ...; West Burdwan ...	
83	4·9	0·02	0·01	0·33	0·01	0·64	−0·63	1·35	2·12	−0·77	0·00	0·53	Berhampore ...	Moorshedabad ...	
83	2·1	0·03	0·04	0·43	0·04	0·79	−0·75	0·78	2·94	−2·16	0·20	0·54	Krishnagur ...	Nuddea	
91	0·4	0·03	0·05	0·33	0·05	0·70	−0·65	1·91	3·43	−1·53	0·13	0·56	Jessore ...	Jessore ... ...; Khoolna	
87	1·7	Nil	Nil	0·26	Nil	0·43	−0·43	3·09	6·09	−3·00	0·00	0·30	Chittagong ...	Chittagong	East Bengal.
			Nil	0·45	Nil	0·74	−0·74	3·34	5·73	−2·40	0·00	0·65	Demagiri ...	Chittagong Hill Tracts	
91	1·4	Nil	Nil	0·35	Nil	0·63	−0·63	1·34	4·87	−3·53	0·00	0·47	Barrisal ...	Backergunge	
93	0	Nil	0·07	0·48	0·07	0·70	−0·63	2·59	6·19	−3·60	0·31	0·63	Noakhally ...	Noakhally	
93	2·9	1·24	0·70	0·41	0·76	0·67	+0·09	2·70	2·92	−0·22	1·00	0·50	Furreedpore ...	Furreedpore	
93	3·1	1·23	0·53	0·15	0·83	0·73	+0·10	3·31	3·56	−0·25	1·00	0·73	Dacca ...	Dacca	
92	3·6	Nil	0·36	0·45	0·36	0·67	−0·31	6·04	3·70	+2·34	1·25	0·63	Commillah ...	Commillah	
93	3·3	1·30	0·74	0·46	0·73	0·67	+0·11	2·69	3·04	−0·35	1·20	0·61	Mymensingh ...	Mymensingh	
83	1·0	drops	Nil	0·44	Nil	0·50	−0·50	2·34	2·33	+0·01	0·00	0·61	Bogra ...	Bogra	North Bengal.
94	2·1	Nil	0·07	0·57	0·07	0·37	−0·80	1·12	3·63	−1·31	0·50	0·52	Serajgunge ...	Pubna	
83	2·7	Nil	Nil	0·25	Nil	0·50	−0·54	1·22	2·17	−0·95	0·00	0·40	Rampore Beauleah	Rajshahye	
73	2·4		Nil	0·30	Nil	0·39	−0·39	0·14	2·17	−2·03	0·00	0·56	Maldah ...	Maldah	
84	2·7	Nil	Nil	0·28	Nil	0·33	−0·3	0·10	1·03	−1·47	0·00	0·56	Dinagepore ...	Dinagepore	
88	1·0	Nil	0·02	0·25	0·03	0·31	−0·29	0·10	1·03	−1·77	0·00	0·53	Rungpore ...	Rungpore	
89	0·7	0·05	0·13	0·21	0·13	0·24	−0·12	0·12	2·11	−1·99	0·00	0·03	Julpigoree ...	Julpigoree ... ...; Cooch Behar	
91	5·0	0·22	0·15	0·18	0·15	0·33	−0·18	1·24	3·53	−2·31	0·73	0·61	Darjeeling ...	Darjeeling Hill Tracts	
84	4·1	Nil	0·05	0·29	0·05	0·33	−0·33	0·05	2·01	−1·99	0·20	0·17	Purneah ...	Purneah ... ...; North Bhagulpore ...	North Behar.
87	3·7	0·14	0·04	0·11	0·04	0·29	−0·25	0·13	1·95	−1·82	0·33	0·41	Mozufferpore ...	Mozufferpore	
70	4·7	0·04	0·01	0·19	0·01	0·40	−0·39	0·02	1·92	−1·90	0·00	0·41	Durbhunga ...	Durbhunga	
84	5·1	0·11	0·13	0·14	0·13	0·25	−0·12	0·13	1·48	−1·35	0·50	0·43	Motihari ...	Chumparun	
81	4·7	0·17	0·11	0·23	0·11	0·34	−0·23	0·15	2·04	−1·89	0·33	0·42	Chupra ...	Sarun	
74	4·8	0·33											Dehree ...		South Behar.
73	5·0	0·23	0·33	0·13	0·33	0·31	+0·02	0·50	2·40	−1·90	1·60	0·30	Buxar ...	Shahabad	
37	4·9	0·13											Arrah ...		
60	5·0	0·45	0·35	0·13	0·35	0·33	+0·02	0·64	2·06	−1·33	1·25	0·33	Gya ...	Gya	
69	5·4	0·03	0·02	0·15	0·03	0·32	−0·30	0·20	2·21	−2·01	0·00	0·33	Bankipore ...	Patna	
71	6·3	Nil	0·02	0·23	0·03	0·37	−0·35	0·09	2·23	−2·14	0·00	0·45	Bhagulpore ...	South Bhagulpore ...; Monghyr	
73	2·9	0·09	0·09	0·15	0·09	0·34	−0·25	0·58	1·98	−1·40	0·33	0·30	Doomka ...	Southal Pergunnahs	
70	6·9	1·04		0·25		0·43			2·23			0·50	Hazaribagh ...	Hazaribagh	Chota Nagpur.
74	7·0	0·37	0·19 0·15	0·23 0·34	0·10 0·15	0·47 0·76	+0·02 −0·61	0·67 0·61	2·84 2·58	−2·17 −1·97	1·33 0·50	0·45 0·50	Ranchi ...	Lohardugga ... ...; Manbhoom	
63	5·1	Nil	Nil	0·21	Nil.	0·67	−0·67	0·54	3·27	−2·73	0·00	0·40	Chyebassa ...	Singbhoom	

ten years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head district observations of rainfall the normal means ten years. The means of the districts are the numerical average of the rainfall return received in the district, i.e., from total rainfall at the subdivisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 13th of February 1892.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL—			Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
			Sunday, 7th Feb.	Monday, 8th Feb.	Tuesday, 9th Feb.	Wednesday, 10th Feb.	Thursday, 11th Feb.	Friday, 12th Feb.	Saturday, 13th Feb.	Number of rainy days.	Rainfall of week.	Average normal rainfall of week.				
ORISSA ...	Pooree ...	Pooree ...	......	......	......	......	......	......	......	Nil	Nil	0·42	Nil	0·59	15·91	8·10
		Khurdah ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·34	3·74	5·29
		Banpur ...	......	......	0·01	......	......	......	......	Nil	0·01	0·43	0·01	0·52	1·78	6·93
		False Point ..	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·60	12·26	8·32
		Gop ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Satpara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·10	?
		Pipli	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	6·98	?
	Cuttack	Jagatsingpore	......	......	......	......	......	......	......	Nil	Nil	0·39	Nil	0·43	12·47	4·89
		Banki	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·32	1·17	4·90
		Cuttack ...	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·47	4·37	4·97
		Kendrapara ...	......	......	......	......	......	......	......	Nil	Nil	0·46	Nil	0·67	16·72	5·20
		Jajpore ...	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·59	3·24	4·61
		Dharmsala .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	5·36	?
		Salipore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	8·20	?
		Akhyapada ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·74	?
	Balasore	Chandbali .	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·57	11·05	5·27
		Bhuddruck ..	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·59	5·85	4·22
		Sorah ...	......	0·25	......	......	......	......	......	1	0·25	0·17	0·25	0·36	4·18	3·48
		Balasore ..	......	......	0·01	......	......	......	......	Nil	0·01	0·40	0·01	0·83	2·46	4·87
		Jellasore ..	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·54	0·82	2·58
		Baripodah ..	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·44	0·35	2·71
SOUTH-WEST BENGAL.	Midnapore	Contai	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·79	2·49	5·99
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·86	4·44	6·35
		Tumlook ..	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·75	0·35	3·74
		Midnapore ...	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·72	0·18	3·68
		Ghattal ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·51	0·33	1·92
		Kukrahaty ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·31	?
		Garbetta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·19	?
	24-Pergunnahs	Diamond Harbour ..	......	......	......	......	......	......	......	Nil	Nil	0·36	Nil	0·93	0·70	4·24
		Canning Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·34	?
		Alipore Jail ...	......	......	......	......	......	......	......	Nil	Nil	0·40	Nil	0·91	0·43	3·95
		Barrackpore ...	......	......	......	......	......	......	......	Nil	Nil	0·33	Nil	0·97	0·28	3·22
		Dum-Dum ...	......	......	......	......	......	0·12	......	1	0·12	0·32	0·12	0·82	0·52	3·31
		Baraset ..	......	......	......	......	......	0·54	......	1	0·54	0·26	0·54	0·90	0·90	3·47
		Buseerhat ...	......	......	......	......	......	......	......	Nil	Nil	0·37	Nil	0·89	1·28	3·00
	Howrah .	Howrah	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·72	0·29	3·38
		Mohesreka ...	......	......	......	......	......	......	......	Nil	Nil	0·43	Nil	0·89	0·41	2·83
		Oolobersah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil		0·36	?
	Hooghly ...	Serampore ...	......	......	......	......	......	......	......	Nil	Nil	0·30	Nil	0·92	0·49	3·08
		Hooghly ...	......	......	......	......	......	......	......	Nil	Nil	0·40	Nil	1·02	0·33	3·29
		Jehanabad .	......	......	......	......	......	......	......	Nil	Nil	0·42	Nil	0·99	0·30	3·04
	Burdwan ..	Culna ...	......	......	......	......	......	0·02	......	Nil	0·02	0·26	0·02	0·61	0·36	2·77
		Burdwan ...	......	......	......	......	......	......	0·01	Nil	0·01	0·33	0·01	0·64	0·29	2·78
		Cutwa ..	......	......	......	......	......	......	......	Nil	Nil	0·49	Nil	0·88	0·98	3·03
		Raneegunge .	......	......	......	......	......	......	0·07	Nil	0·07	0·67	0·07	1·01	0·63	2·56
		Mankur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·85	?
	Bankoora ..	Bankoora ...	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·62	0·69	2·68
		Bishenpore ...	......	......	......	......	......	......	......	Nil	Nil	0·39	Nil	0·50	0·37	2·51
		Maliara ...	......	......	......	......	......	......	0·07	Nil	0·07	0·20	0·07	0·36	0·72	1·96
		Khatra ...	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·35	0·50	2·86
		Indas ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·48	?
		Kotalpore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·30	?
		Anda .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
		Gangajalghati	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·29	?
		Raipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·82	?
		Sonamukhi ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·51	?
	Beerbhoom .	Bh. Soory .	......	......	......	......	......	0·13	0·04	1	0·17	0·28	0·17	0·66	1·62	2·67
		Hetampore ...	......	......	......	......	......	0·09	......	Nil	0·09	0·52	0·09	0·89	1·61	3·08
		Rampore Haut	......	......	......	......	......	0·07	......	Nil	0·07	0·34	0·07	0·61	1·95	3·20
		Bolpore .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·10	?
		Murarai ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·56	?
	Nuddea ...	Ranaghat .	......	......	......	......	......	0·08	......	Nil	0·08	0·37	0·08	0·74	0·68	2·97
		Kishnaghur ...	......	......	......	......	......	0·03	......	Nil	0·03	0·37	0·03	0·77	1·33	2·44
		Chooadanga .	......	......	......	......	......	......	......	Nil	Nil	0·48	Nil	0·83	0·47	2·30
		Meherpore ...	......	......	......	......	......	......	......	Nil	Nil	0·50	Nil	0·80	0·30	2·70
		Kooshtea	......	......	0·10	......	......	......	......	1	0·10	0·45	0·10	0·81	1·10	3·30
	Khoolna .	Satkhira .	......	......	......	......	......	0·04	......	Nil	0·04	0·31	0·04	0·60	3·17	3·31
		Bagirhat ..	......	......	......	......	......	......	......	Nil	Nil	0·51	Nil	0·80	2·78	3·96
		Khoolna ...	......	......	......	......	......	......	......	Nil	Nil	0·37	Nil	0·62	3·89	3·73
		Nakipur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·82	?
		Rampal	......	......	......	......	......	0·09	......	Nil	0·09	?	0·09	?	1·89	?
	Jessore ...	Narail .	......	......	......	......	0·04	......	......	Nil	0·04	0·30	0·04	0·56	2·17	3·71
		Jessore ...	......	......	......	......	......	0·03	......	Nil	0·03	0·41	0·03	0·76	1·46	3·71
		Jhenidah ...	......	......	0·08	......	......	......	......	Nil	0·08	0·46	0·08	0·89	0·42	3·19
		Magoorah ...	......	......	0·22	......	......	......	......	1	0·22	0·39	0·22	0·68	0·74	2·57
		Bongong ..	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·64	0·56	3·17
	Moorshedabad	Kandi ...	......	......	......	......	......	......	0·02	Nil	0·02	0·50	0·02	0·72	1·22	2·43
		Berhampore ...	......	......	......	......	......	0·02	......	Nil	0·02	0·43	0·02	0·70	1·08	2·42
		Lalbagh ...	......	......	......	......	......	0·01	......	Nil	0·01	0·42	0·01	0·64	0·87	1·92
		Azimgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·57	1·86	2·19
		Jungipore ..	......	......	......	......	......	0·02	......	Nil	0·02	0·26	0·02	0·57	1·45	1·92
		Lalgola ...	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·57	1·60	1·88
		Akhrigunj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·68	?
		Patkabari .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·10	?
EAST BENGAL	Chittagong ...	Cox's Bazar ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·37	4·01	7·11
		Chittagong ...	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·59	[illegible]	5·07
		Kutubdia ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·81	?
		Satkanya ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·73	?
	Chittagong Hill Tracts.	Rangamati ...	......	......	......	......	......	......	......	Nil	Nil	0·45	Nil	0·74	3·36	5·73
		Bundarbun ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·04	?
	Backergunge	Patuakhally ...	......	......	......	......	......	0·02	......	Nil	0·02	0·35	0·02	0·78	0·95	5·46
		Perozepore	......	......	......	......	......	......	......	Nil	Nil	0·43	Nil	0·70	1·69	4·71
		Burrisal ...	......	......	......	......	......	......	......	Nil	Nil	0·39	Nil	0·62	2·21	4·81
		Bhola ...	......	......	......	......	......	......	......	Nil	Nil	0·33	Nil	0·51	0·53	4·46

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 13th of February 1892—*contd.*

Meteorological division.	District.	Station.	Sunday, 7th Feb.	Monday, 8th Feb.	Tuesday, 9th Feb.	Wednesday, 10th Feb.	Thursday, 11th Feb.	Friday, 12th Feb.	Saturday, 13th Feb.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
EAST BENGAL —*concld.*		*Gournuddi*	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·01	?
		Bauphal	......	......	......	......	......	0·14	......	1	0·14	?	0·14	?	1·74	?
	Noakholly	Noakholly	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·56	2·77	5·29
		Fenny	......	......	......	......	......	0·13	......	1	0·13	0·64	0·13	0·83	2·22	7·08
		Harishpore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·47	?
		Ramganj	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·39	?
	Furreedpore	Madaripore	......	......	......	......	......	0·15	......	1	0·15	0·29	0·15	0·40	4·39	2·76
		Furreedpore	......	......	1·34	......	......	......	......	1	1·34	0·57	1·34	0·81	2·41	3·92
		Goalundo	......	......	0·78	......	......	......	......	1	0·78	0·46	0·78	0·81	1·31	3·14
	Dacca	Munshigunge	......	......	0·54	......	......	......	......	1	0·54	0·42	0·54	0·79	4·32	4·04
		Dacca	......	......	1·00	......	......	......	......	1	1·00	0·39	1·00	0·70	2·96	2·72
		Narainganj	......	......	0·72	......	......	......	......	1	0·72	0·43	0·72	0·65	4·06	4·55
		Manickgunge	......	......	1·04	......	......	......	......	1	1·04	0·54	1·04	0·74	1·86	2·91
		Joydebpore	......	......	1·12	......	0·16	......	......	2	1·28	?	1·28	?	3·23	?
	Hill Tipperah Tipperah	Agartola	......	......	0·40	......	0·23	......	......	2	0·63	0·46	0·63	0·76	8·03	4·67
		Comilla	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·55	6·42	3·64
		Chandpore	......	......	0·29	......	......	0·09	......	1	0·38	0·33	0·38	0·45	4·83	2·92
		Brahmanberia	......	......	0·32	......	0·10	......	......	2	0·42	0·63	0·42	0·93	5·01	3·89
		Ramchandrapore	......	......	0·52	......	......	......	......	1	0·52	?	0·52	?	3·94	?
		Nasirnagar	......	......	0·60	......	......	......	......	1	0·60	?	0·60	?	2·15	?
		Daudkandi	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·17	?
		Kasba	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	7·44	?
		Laksham	......	......	......	......	0·25	......	......	1	0·25	?	0·25	?	2·30	?
	Mymensingh	Kishoregunge	......	......	0·09	......	0·21	......	......	1	0·30	0·44	0·30	0·67	1·97	3·07
		Atia (*Tangail*)	......	......	0·44	......	0·38	......	......	2	0·82	0·58	0·82	0·83	1·45	2·98
		Nusseerabad	......	......	1·22	......	0·08	......	......	1	1·30	0·49	1·30	0·66	3·87	3·06
		Jamalpore	......	......	......	......	......	......	......	Nil	Nil	0·52	Nil	0·70	3·00	2·89
		Netrakona	......	......	0·32	......	1·15	......	......	2	1·47	0·25	1·47	0·38	3·57	3·06
		Subornakhali	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·10	?
		Durgapore	......	......	0·72	......	1·20	......	......	2	1·92	?	1·92	?	?	?
		Sherepore Town										?		?		?
		Dewanganj										?		?		?
NORTH BENGAL.	Pubna	Pubna	......	......	0·14	......	......	......	......	1	0·14	0·50	0·14	0·75	1·13	2·84
		Serajgunge	......	......	......	......	......	......	......	Nil	Nil	0·64	Nil	1·01	1·09	3·23
	Bogra	Sherepore	......	......	......	......	......	......	......	Nil	Nil	0·62	Nil	0·78	2·64	2·76
		Nowkhilla	......	......	......	......	......	......	......	Nil	Nil	0·53	Nil	0·63	2·07	2·46
		Bogra	......	......	......	......	......	......	......	Nil	Nil	0·39	Nil	0·46	3·60	2·61
		Panchbibi	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·45	0·45	1·46
	Rajshahye	Beauleah	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	0·61	0·31	2·22
		Nattore	......	......	......	......	......	......	......	Nil	Nil	0·41	Nil	0·72	1·44	2·67
		Naogaon	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·17	1·00	1·61
		Lalpore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·07	?
		Mando	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·00	?
	Maldah	Maldah	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·37	0·26	2·40
		Chanchal	......	......	......	......	......	......	......	Nil	Nil	0·33	Nil	0·43	0·05	1·94
		Gajol	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·15	?
		Sibganj	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·93	?
	Dinagepore	Mohadebpore	......	......	......	......	......	......	......	Nil	Nil	0·41	Nil	0·45	0·70	1·80
		Churamon	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·35	0·08	1·35
		Raigunge	......	......	......	......	......	......	......	Nil	Nil	0·39	Nil	0·45	Nil	1·38
		Dinagepore	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·33	Nil	2·78
		Baloorghat	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·21	0·17	1·31
		Thakoorgaon	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Rungpore	Bhowanigunge (*Gyabanda*)	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·34	0·54	2·02
		Rungpore	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·27	0·69	2·51
		Kurigram	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·26	0·06	1·71
		Bagdogra (*Nilphamari*)	......	......	0·06	......	......	......	......	Nil	0·06	0·31	0·06	0·37	0·06	1·60
		Ulipore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·48	
	Julpigoree	Julpigoree	......	......	0·04	......	......	......	......	Nil	0·04	0·17	0·04	0·22	0·04	3·03
		Alipore Dooar	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Fallacotta	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Debiganj	......	......	0·05	......	......	......	......	Nil	0·05	?	0·05	?	0·05	?
		Bhagatpore (*Nayrakatta*)	......	......	0·05	......	......	......	......	Nil	0·05	?	0·13	?	1·54	?
	Cooch Behar	Dinhatta	......	......	0·12	......	......	......	......	1	0·12	0·29	0·12	0·32	0·12	2·11
		Cooch Behar	......	......	0·31	......	......	......	......	1	0·21	0·17	0·21	0·20	0·21	1·90
		Mekligunge	......	......	0·07	......	......	......	......	Nil	0·07	0·21	0·07	0·23	0·07	1·84
		Matabhanga	......	......	0·18	......	......	......	......	1	0·18	0·22	0·18	0·24	0·18	1·66
	Darjeeling Hill.	Buxa	......	......	0·11	......	......	......	......	1	0·11	0·34	0·11	0·47	3·17	5·39
		Siliguri	......	......	0·02	......	......	......	......	Nil	0·02	0·03	0·02	0·06	0·02	1·66
		Darjeeling	......	......	0·20	0·02	......	......	......	1	0·22	0·22	0·53	0·48	0·88	4·85
		Kalimpong	......	......	0·24	......	......	......	......	1	0·24	0·15	0·24	0·31	0·85	2·42
		Kurseong	......	......	0·10	......	......	......	......	1	0·10	?	0·10	?	0·16	?
NORTH BEHAR	Purneah	Kissengunge	......	......	0·21	......	......	......	......	1	0·21	0·29	0·21	0·36	0·21	2·17
		Arrariah	......	......	0·02	......	......	......	......	Nil	0·02	0·29	0·02	0·36	0·02	1·89
		Purneah	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·33	Nil	2·48
		Gondwara	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Barsoe	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Matiari	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Kaliaganj	......	......	0·04	......	......	......	......	Nil	0·04	?	0·04	?	0·04	?
	North Bhagulpore.	Maddhepore	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·40	Nil	1·91
		Soopool	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·34	Nil	1·74
		Protabganj	......	......	0·05	......	......	......	......	Nil	0·05	?	0·05	?	0·05	?
	Durbhunga	Tajpore	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·33	Nil	1·81
		Durbhunga	......	......	0·04	......	......	......	......	Nil	0·04	0·21	0·04	0·43	0·07	1·92
		Madhubani	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·46	Nil	2·04
		Bahera	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Roshera	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Mozufferpore	Sitamarhi	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·20	Nil	1·89
		Mozufferpore	......	......	......	......	......	......	0·12	1	0·12	0·16	0·12	0·32	0·12	2·57
		Hajipore	......	......	......	......	......	......	0·01	Nil	0·01	0·10	0·01	0·34	0·26	1·87
		Paru	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Mahua	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·05	?
		Sirhar	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pupri	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 13th of February 1892—concld.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 7th Feb.	Monday, 8th Feb.	Tuesday, 9th Feb.	Wednesday, 10th Feb.	Thursday, 11th Feb.	Friday, 12th Feb.	Saturday, 13th Feb.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
NORTH BEHAR —*concluded.*	Champarun ..	Motihari .	......	......	0·08	......	......	......	0·03	Nil	0·11	0·17	0·11	0·29	0·11	1·51
		Bettiah .	......	0·04	..	......	......	......	0·11	1	0·15	0·10	0·15	0·20	0·15	1·44
		Bagaha ...	......	0·06	0·04	......	......	......	Nil	Nil	0·10	?	1·10	?	0·10	?
		Burhurwa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Sarun ..	Gopalgunge ...	......	0·03	......	......	......	......	......	Nil	0·03	0·33	0·03	0·38	0·10	1·58
		Sewan	......	0·08	......	......	......	0·03	Nil	Nil	0·11	0·24	0·11	0·35	0·20	2·34
		Chuprah ...	......	......	0·03	......	......	......	0·15	1	0·18	0·14	0·18	0·28	0·18	2·81
SOUTH BEHAR	Shahabad ...	Buxar ...	......	0·02	......	......	......	......	0·20	1	0·22	0·13	0·22	0·25	0·46	2·44
		Dehree .	......	......	......	......	......	0·21	0·12	2	0·33	0·16	0·33	0·16	0·37	2·32
		Bhaboosah ...	......	......	......	......	0·01	0·29	0·12	2	0·42	0·10	0·42	0·13	0·85	2·91
		Sasseram ...	......	......	......	......	......	0·16	0·12	2	0·28	0·10	0·28	0·36	0·34	2·44
		Arrah ...	......	......	......	......	......	0·09	0·31	1	0·40	0·14	0·40	0·31	0·49	2·16
		Mohaniah .	......	......	......	......	......	0·66	0·09	1	0·75	?	0·75	·	0·96	?
		Khiri ...	......	......	......	......	0·25	0·10	0·20	3	0·55	?	0·55	?	?	?
		Ageaon ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Rammagor ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Koath ...	......	......	......	......	......	0·04	......	Nil	0·04	?	0·04	?	?	?
		Sikraul ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Bussawan ...	......	......	......	......	......	0·16	0·15	2	0·31	?	0·31	?	?	?
		Manaharpur	......	......	......	......	......	0·24	0·22	2	0·46	?	0·46	?	?	?
	Gya	Aurungabad ...	......	......	......	......	......	0·48	0·29	2	0·77	0·12	0·77	0·26	1·14	1·77
		Gya ...	......	......	......	......	......	0·35	0·10	2	0·45	0·16	0·45	0·41	1·30	2·27
		Nowadah ...	......	......	......	......	......	0·11	0·05	1	0·16	0·12	0·16	0·53	0·24	2·18
		Jehanabad ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·29	Nil	2·01
		Arwal	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Daudnagar	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sherghatti ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·26	?
		Rajauli	......	......	......	......	......	......	0·30	1	0·30	?	0·30	?	0·80	?
		PakriBarawan	......	......	......	......	......	0·07	0·03	Nil	0·10	?	0·10	?	0·13	?
	Patna ..	Patna ...	......	......	......	......	......	......	0·02	Nil	0·02	0·14	0·02	0·20	0·29	2·18
		Dinapore	......	......	......	......	......	......	0·04	Nil	0·04	0·13	0·04	0·29	0·24	2·12
		Behar ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·57	0·06	2·44
		Barrh ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·34	0·13	2·12
		Bickram ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hilsa .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
	Monghyr ...	Begooserai ...	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·38	0·05	2·52
		Monghyr	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·38	Nil	2·25
		Jamui .	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·44	0·10	2·03
		Gogri ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	South Bhagulpore	Bhagulpore ..	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·29	0·01	1·92
		Banka ..	......	......	......	......	......	0·09	......	Nil	0·09	0·22	0·09	0·34	0·27	2·45
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bongaon ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Sonthal Pergunnahs.	Rajmehal ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·20	0·14	1·46
		Godda ...	......	......	......	......	......	0·10	......	1	0·10	0·22	0·10	0·33	0·18	1·76
		Pakour	......	......	......	......	......	0·04	......	Nil	0·04	0·07	0·04	0·33	1·80	1·65
		Nya Doomka	......	......	......	......	......	0·07	0·02	Nil	0·09	0·23	0·09	0·58	0·47	2·37
		Deoghur	......	......	......	......	......	0·07	0·04	Nil	0·11	0·13	0·11	0·38	0·29	2··3
		Jamtara ...	......	......	......	......	......	0·19	......	1	0·10	0·09	0·19	0·26	0·49	1·92
		Mohagama .										?		?		?
		Namikat ...										?		?		?
CHOTIA NAGPUR.	Hazaribagh	Pachamba (*Giridi*). ...	......	......	......	......	......	0·47	0·10	2	0·57	0·22	0·57	0·53	0·57	2·21
		Hazaribagh	......	......	......	......	0·16	0·85	0·03	2	1·04	0·18	0·04	0·57	1·19	2·53
		Semtagurah	......	......	......	......	0·10	0·75	......	2	0·85	0·37	0·85	0·41	0·85	1·83
		Mahudi Hills										0·30		0·44		2·25
		Jhoomra Hills										0·20		0·35		2·32
		Barhi ...	......	......	......	......	0·06	0·21	0·11	2	0·38	?	0·38	?	0·45	·
		Chatra ..	......	......	......	......	0·22	0·53	0·25	3	1·00	?	1·00	?	1·05	?
		Karagdeha ..	......	......	......	......	......	0·20	0·66	2	0·86	?	0·86	?	1·03	?
		Ramghar ..										?		?		?
	Lohardugga .	Lohardugga ...	......	......	......	0·17	0·30	0·03	......	2	0·50	0·04	0·50	0·23	0·72	2·59
		Ranchi ...	......	......	......	......	0·09	0·30	......	1	0·39	0·24	0·39	0·78	0·65	2·96
		Palamow	......	......	......	......	0·06	0·47	0·06	1	0·59	0·11	0·59	0·45	0·65	2·07
		Silli .	......	......	......	......	0·28	0·42	0·11	3	0·81	?	0·81	?	0·81	?
		Balumat	......	......	......	......	..	0·54	0·14	2	0·68	?	0·68	?	1·18	?
		Hosseinabad	......	......	......	......	0·09	0·50	0·14	2	0·73	?	0·73	?	0·83	?
		Garwah .										?		?		?
	Singhbhoom ...	Chyebassa ...	......	......	......	......	Nil	......	......	Nil	Nil	0·21	Nil	0·67	0·54	3·27
		Chakradharpore.										?		?		?
		Ghatsilla ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·88	?
		Baharagura	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·62	?
	Manbhoom	Purulia ...	......	......	......	......	......	......	......	Nil	Nil	0·33	Nil	0·74	0·65	2·54
		Gobindpore ..	......	......	......	......	0·24	0·06	......	1	0·30	0·29	0·30	0·72	0·55	2·55
		Raghunathpore.	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Barrabhoom	......	......	......	......	......	0·06	......	Nil	0·06	?	0·06	?	0·76	?
		Jhalda ...	......	......	......	......	......	0·12	......	1	0·12	?	0·12	?	0·85	?
		Chas ...	......	......	......	......	......	0·20	......	1	0·20	?	0·20	?	0·39	?
		Pandra ...	......	......	......	......	......	0·28	0·04	1	0·32	?	0·32	?	?	?

Explanation.— . . indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when, at least 0·1 inch of rain has fallen.

CALCUTTA, *the 16th February* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 13TH OF FEBRUARY 1892.

At the close of the previous week the meteorological conditions in Bengal were particularly abnormal. The mean temperature of February 5th reported on the morning of the 6th had been no less than from 6° to 9° above the normal of the day, humidity was also very high on the 6th, pressure was below the normal by amounts varying from a twentieth to a tenth of an inch, and more or less southerly winds had set in at almost all stations. On the 7th there had been a brisk fall of pressure over the whole province, and pressure had become below the normal by amounts varying up to about a sixth of an inch. Temperature, on the other hand, had risen moderately, and southerly winds continued to be reported at practically all stations. On the 8th pressure was rising slowly, and temperature also again rose at the majority of stations. The distribution of pressure on this day was, however, decidedly irregular, and the barometer was distinctly low over Central and North Bengal; north-westerly winds set in at the western stations, while southerly and south-easterly winds were blowing over the eastern half of the province. Considerable interaction was therefore taking place, and this resulted in the formation of a series of small local storms usually accompanied by rain, and on the morning of the 9th a large proportion of the stations in East and North Bengal and a few stations in North Behar reported light to moderate rain. These disturbed conditions, however, quickly passed away from Bengal, and pressure had increased on the morning of the 9th, while a brisk fall of temperature had occurred, though again the majority of stations reported southerly winds. On the 10th both pressure and temperature had fallen slowly in Bengal, but more important meteorological changes had taken place in North-Western India, where a barometric depression had appeared over the western desert. On the 11th this depression had become more marked, and was apparently travelling in an easterly direction, and in advance of the depression moderate general rain commenced to fall, but on the 11th only a few light showers were reported, principally in Chutia Nagpur, though a few other local showers occurred elsewhere. On the 11th the pressure changes in Bengal were exceedingly small, but temperature had again commenced to rise rather rapidly in front of the advancing depression, and was again from about 7° to 10° above the normal. On the 12th pressure was rising slowly over the greater part of Bengal, though at the extreme western stations in Chutia Nagpur it had commenced to fall, apparently being influenced by the advancing depression, which was reported on this date to have developed very considerably in intensity. Wind directions in the western districts of the province also appeared to form the eastern part of a cyclonic circulation, though in the eastern half of the province winds were north-westerly. Fairly general rain commenced in Chutia Nagpur on the 12th, and rain also was reported on this day in Sonthal Pergunnahs, Shahabad, and Gya. On the 13th the barometric depression had advanced in an easterly direction, and its centre was near Agra and Jhansi, and it was still a considerable storm. In Bengal pressure fell moderately in connection with the advancing depression, and temperature was generally rising slowly, while rainfall had on this day extended over a considerable part of Behar, though it was very light and perhaps not very general. Conditions therefore at the close of the week were entirely dependent on the depression in the North Western Provinces.

Pressure.—The mean pressure for the week has been below the normal in all districts, but the variations have been decidedly irregular, pointing to the existence of disturbed conditions generally. The largest defects have been about 0·06" at some of the central stations of the province, such as at Berhampore, Bankura, &c., while on the other hand at the stations in the south of Chutia Nagpur pressure has been almost normal.

Temperature.—Has again been exceptionally high throughout the week, and the mean temperature has been more than six degrees in excess of the normal. This excess has been fairly equally distributed (except in Orissa where it is only 3°), though in Behar and North Bengal it exceeds 7°.

The variation of temperature is, however, most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in different districts of the province are compared with the normal values for the same period. The excess, it will be seen, has been even larger in the night than it has been in the day temperatures:—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 13th February 1892.

	Normal mean maximum temperature for the week ending 13th February.	Actual mean maximum temperature for the week ending 13th February 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 13th February.	Actual mean minimum temperature for the week ending 13th February 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 13th February.	Actual mean daily temperature for the week ending 13th February 1892.	Variation of actual mean from the normal.
Cuttack	89·0	90·8	+1·8	64·2	66·3	+2·1	76·6	78·5	+1·9
Calcutta	80·3	85·3	+5·0	58·7	63·8	+5·1	69·5	74·5	+5·0
Dacca	81·1	84·2	+3·1	56·4	62·6	+6·2	68·8	73·4	+4·6
Burdwan	81·9	85·9	+4·0	57·0	62·9	+5·9	69·4	74·4	+5·0
Patna	70·0	80·2	+4·2	50·8	59·8	+9·0	63·4	70·0	+6·6
Gya	70·6	83·3	+3·7	54·7	59·3	+4·6	67·2	71·3	+4·1
Purneah	77·2	82·0	+4·8	49·4	52·7	+3·3	63·3	67·4	+4·1
Hazaribagh	76·3	79·3	+3·0	52·5	57·9	+5·4	64·4	68·6	+4·2
Darjeeling	43·8	45·6	+1·8	32·1	37·6	+5·5	37·9	41·6	+3·7

Rainfall.—The heaviest falls during the week have taken place in East Bengal, where an average amount of 0·50 inch has been recorded, while Chutia Nagpur also averages 0·44 inch. In South Behar an average fall of 0·15 inch has been registered, but in all other divisions the average falls have been less than a tenth of an inch. The districts which have received the largest falls have been Dacca 0·83 inch, Furreedpore 0·76 inch, Commillah 0·36 inch, Gya 0·35 inch, Shahabad 0·33 inch, Mymensingh 0·78 inch, Lohardugga 0·49 inch, Darjeeling and Manbhoom 0·15 inch, Chumparun 0·13 inch, Julpigori and Cooch Behar 0·12 inch, and Sarun 0·11 inch.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 13th of February 1892 :—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th Oct. 1891.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	92·4	61·6	85·6	66·8	76·2	+3·0	0·02	0·30	—0·28	0·07	0·53	—0·46	0·02	0·53	6·46	5·00
South-West Bengal ...	93·3	56·1	85·2	62·7	74·0	+5·9	0·04	0·35	—0·31	0·11	0·55	—0·44	0·04	0·73	1·09	3·07
East Bengal	88·7	56·3	82·8	61·5	72·2	+0·1	0·50	0·42	+0·08	0·92	0·59	+0·33	0·50	0·67	2·91	4·13
North Bengal	88·3	51·4	82·0	56·7	69·4	+7·7	0·03	0·31	—0·28	0·12	0·55	—0·43	0·03	0·42	0·68	2·11
North Behar	85·7	48·3	81·5	56·0	68·8	+7·1	0·07	0·21	—0·14	0·25	0·44	—0·19	0·07	0·34	0·10	1·92
South Behar	87·1	51·0*	82·5*	58·5*	70·5*	+7·1*	0·15	0·16	—0·01	0·62	0·39	+0·23	0·15	0·33	0·39	2·18
Chutia Nagpur	85·9*	55·4*	80·2*	58·0*	69·1*	+5·6*	0·44	0·23	+0·21	1·27	0·50	+0·77	0·44	0·51	0·69	2·55

* Arrah and Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL,
The 16th February 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 7th to 13th February 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature.						Hygrometry.			Rainfall past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
February ...	7th ...	29·943	76·6	87·2	21·3	65·9	79·1	72·6	·715	69·2	72	Nil.
,, ...	8th ...	·965	78·6	89·0	20·9	68·1	79·6	72·4	·700	68·6	70	,,
,, ...	9th ...	30·007	74·9	85·4	21·0	64·4	79·6	66·6	·480	57·8	47	,,
,, ...	10th ...	29·992	77·0	88·0	22·1	65·9	80·1	73·6	·742	70·3	72	,,
,, ...	11th ...	997	76·2	85·9	19·5	66·4	80·8	73·8	·741	70·2	70	,,
,, ...	12th .	30·079	72·9	83·9	22·0	61·9	75·6	66·6	·533	60·8	60	,,
,, ...	13th ...	·053	74·0	87·0	26·1	60·9	78·2	67·4	·527	60·4	54	,,

	Inches.
The mean 10 A.M. pressure of the seven days	30·005
The mean temperature of the seven days	75·7 °
The extreme variation of temperature	28·1
The maximum temperature	89·0
The mean 10 A.M. relative humidity of the seven days	64 %
The total fall of rain from 7th to 13th February 1892	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

METEOROLOGICAL OFFICE, INDIA,
The 15th February 1892.

O. LITTLE,
For Meteorological Reporter to the Govt. of India.

Results of the Meteorological Observations taken at the Alipore Observatory from 7th to 13th February 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature.				Hygrometry.				Wind.		Rain.	Weather.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Feb.	7th	142·4	5·9	29·867	74·5	85·6	19 9	65·7	69 0	0 639	66·0	77	SW and SSW ...	132	Nil	Partially cloudy, △, ≡.
,,	8th	139·5	8·8	·895	75·7	86·8	19·1	67·7	69·8	·650	66·4	75	SSW ...	142	,,	Partially cloudy, △.
,,	9th	137 5	9·4	·942	74·1	84·2	20·7	63·5	67·0	·569	62·6	70	N by W, SSW and variable.	58	,,	Chiefly clear.
,	10th	142·5	9·9	·923	74·9	85·7	20·8	64 9	69·3	·645	66·2	76	SSW, SW and SW by W.	115	,,	Chiefly clear, △.
,,	11th	140 4	5·6	·937	72·9	84·2	18·9	65·3	67·8	·617	64·9	77	SW by W, calm and variable.	100	,,	Partially cloudy, o, △.
,,	12th	139·3	8·4	·985	70·6	82·0	21·3	60·7	63·7	·499	58·8	66	NNW, N and calm	71	,,	Chiefly clear, △, ≡.
,,	13th	141·6	9·6	·954	72·3	85 0	25·0	60·0	65·0	·521	60·1	66	WNW and calm ...	60	,,	Day clear, night partially cloudy, △.

	Inches.
The mean pressure of the seven days	29·929
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·961
	Hours.
The total number of hours of bright sunshine	57·6
The maximum possible number of hours of sunshine	78·9
	°
The mean temperature of the seven days	73·6
The average temperature of the corresponding period for 24 years, S.-G.'s Office	71·4
The extreme variation of temperature	26·8
The maximum temperature	86·8
	Miles.
The highest velocity of the wind in one hour	15
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	72
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	70
	Inches.
The total fall of rain from 7th to 13th February 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·38
The total fall from 1st January to 13th February 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·99

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

△, dew; ≡, fog; o, overcast.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 15th February 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 23rd January 1892.

1	2	3			4			5			6
		POPULATION.			BIRTHS.						
					Number of—			Ratio per 1,000 of population per annum.			
DISTRICTS.	NAMES OF MUNICIPALITIES.	Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.
Burdwan	Burdwan	18,063	16,017	34,080	10	14	*24*	15·2	21·4	*36·6*	71
Burdwan	Raniganj	6,546	4,691	10,937	7	5	*12*	33·3	23·8	*57·1*	140
Bankura	Bankura	8,970	8,925	17,895	4	7	*11*	11·6	20·3	*32·0*	57
Birbhum	Soori	3,982	3,866	7,848	1	1	*2*	6·6	6·6	*13·3*	100
Midnapore	Midnapore	16,927	16,633	33,560	8	14	*22*	12·4	21·7	*34·1*	57
Hughli, including Serampore.	Hughli and Chinsurah.	15,858	15,829	31,687	10	8	*18*	16·4	13·1	*29·5*	125
Hughli, including Serampore.	Serampore	13,559	12,937	26,496	10	12	*22*	19·6	23·6	*43·2*	83
Hughli, including Serampore.	Utterpara	3,046	2,464	5,510	2	1	*3*	18·9	9·4	*28·3*	200
Howrah	Howrah	53,153	37,660	90,813	39	33	*72*	22·3	18·9	*42·2*	118
Howrah	Bali	7,836	6,979	14,815	1	5	*6*	3·5	17·5	*21·1*	20
24-Pergunnahs.	Cossipore-Chitpore*	...	...	...	...	...	...	...	...	...	...
24-Pergunnahs.	Manicktolla*	...	...	...	...	...	...	...	...	...	...
24-Pergunnahs.	Baranagore*	...	...	...	...	...	...	...	...	...	...
24-Pergunnahs.	South Suburban*	...	...	...	...	...	...	...	...	...	...
Nuddea	Krishnagar	13,263	14,214	27,477	4	5	*9*	7·6	9·4	*17·0*	80
Nuddea	Ranaghat	4,028	4,655	8,683	1	3	*4*	6·0	17·9	*23·9*	33
Nuddea	Santipore	13,708	15,979	29,687	10	3	*13*	17·5	5·3	*22·8*	333
Jessore	Jessore	4,830	3,665	8,495	..	—	...	...	...	...	...
Murshedabad	Berhampore	11,657	11,948	23,605	13	12	*25*	28·7	26·4	*55·1*	108
Murshedabad	City Murshedabad	18,901	20,330	39,231	7	8	*15*	9·3	10·6	*19·9*	87
Khulna	Khulna	3,249	3,043	6,292	3	...	*3*	24·8		*24·8*	No female birth.
Dinajpore	Dinajpore	7,254	5,306	12,560	2	1	*3*	8·3	4·1	*12·4*	200

2	7							8							9	10		11		12
	MORTALITY ACCORDING TO—																			
	Diseases.															Sex.				
	Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
NAMES OF MUNICIPALITIES.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan	...	2	28	5	...	11	*46*	...	3·1	42·7	7·6	...	16·8	*70·2*	45·9	25	21	72·0	68·2	105
Raniganj	...	..	7	2	...	2	*11*	...	...	33·3	9·5	...	9·5	*52·3*	57·1	9	2	74·9	22·2	337
Bankura	...	...	7	2	...	1	*10*	...	...	20·3	5·8	...	2·9	*29·1*	29·1	4	6	23·2	35·0	66
Soori	...	..	..	...	...	3	*3*	...	...		...	...	19·9	*19·9*	6·6	1	2	13·1	26·9	48
Midnapore	...	...	5	4	...	4	*16*	...	...	12·4	6·2	...	6·2	*24·8*	34·1	8	8	24·6	25·0	98
Hughli and Chinsurah.	3	...	29	17	1	10	*60*	4·9	...	47·6	27·9	1·6	16·4	*98·5*	73·8	32	28	104·9	92·0	114
Serampore	...	...	17	8	...	2	*27*	...	...	33·4	15·7	...	3·9	*53·0*	62·8	19	8	72·9	32·2	226
Utterpara	...	...	3	1	...	...	*4*	...	...	28·3	9·4	...	...	*37·7*	66·1	3	1	51·2	21·1	242
Howrah	6	...	29	17	1	12	*65*	3·4	...	16·3	9·7	·6	6·9	*37·2*	37·8	39	26	38·2	35·9	106
Bali	...	...	8	1	...	2	*11*	..	...	25·1	3·5	..	7·0	*38·6*	24·6	8	3	53·1	22·4	237
Cossipore-Chitpore*	...	..	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	......
Manicktolla*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	......
Baranagore*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	......
South Suburban*	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	......
Krishnagar	1	...	22	1	...	...	*24*	1·9	...	41·6	1·9	...	...	*45·4*	49·2	14	10	54·9	36·6	150
Ranaghat	...	..	4	..	...	2	*6*	..	...	23·9	...	...	12·0	*35·9*	6·0	1	5	12·9	55·9	23
Santipore	...	.	8	...	..	1	*9*		...	14·0	...	...	1·7	*15·8*	19·3	3	6	11·4	19·5	58
Jessore	6	...	6	...	...	..	*12*	36·7	...	36·7	...	...	...	*73·5*	61·2	7	5	75·4	70·9	106
Berhampore	...	...	22	1	...	3	*26*	...	...	48·5	2·2	...	6·6	*57·3*	30·8	15	11	66·9	47·9	139
City Murshedabad	...	...	31	...	...	2	*33*	..	..	41·1	...	...	2·6	*43·7*	41·1	13	20	35·8	51·2	70
Khulna	..	..	...	...	...	...	...	.	...	..	...	...	...	...	...	...	...	...	...	......
Dinajpore	...	..	12	2	..	...	*14*	...	...	49·7	8·3	...	...	*58·0*	62·1	8	6	57·3	58·8	97

Rajshahye ...	Rampore Beauleah	10,768	9,025	19,791	3	6	*9*	7·9	15·7	*23·6*	50	1	...	17	...	1	...	*19*	2·6	...	44·7	...	2·6	...	*49·9*	52·5	11	8	53·1	45·1	115
Rungpore ...	Rungpore	8,011	5,309	13,320	3	6	*9*	11·7	23·4	*35·1*	50	...	...	13	1	...	3	*17*	...	...	50·7	3·9	...	11·7	*66·4*	335·7	11	6	71·4	58·8	121
Bogra ...	Bogra	3,480	2,699	6,179	5	...	*5*	42·1	...	*42·1*	No female birth.	...	...	3	...	...	...	*3*	...	...	25·2	...	...	...	*25·2*	33·7	2	1	29·9	19·3	155
Pubna ...	Pubna	7,701	7,566	15,267	8	5	*13*	27·2	17·0	*44·3*	160	...	...	10	...	...	2	*12*	...	...	34·1	...	...	6·8	*40·9*	30·7	6	6	40·5	41·2	98
	Serajganj	11,213	9,824	21,037	7	2	*9*	17·3	4·9	*22·2*	350	...	2	1	...	...	2	*5*	...	4·9	2·5	...	...	4·9	*12·4*	12·4	4	1	18·5	5·3	35
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	2	2	*4*	14·8	14·8	*29·6*	100	...	.	3	...	...	1	*4*	...	...	22·2	...	...	7·4	*29·6*	37·0	2	2	22·7	42·6	53
Julpaiguri ...	Julpaiguri ...	4,972	2,975	7,947	1	2	*3*	6·5	13·1	*19·6*	50	...	..	5	...	...	...	*5*	...	...	32·7	...	...	...	*32·7*	32·7	4	1	41·8	17·5	259
Dacca ...	Dacca	42,782	37,379	80,161	40	36	*76*	25·9	23·4	*49·3*	111	...	8	24	2	...	17	*51*	...	5·2	15·6	1·3	...	11·0	*33·1*	45·4	33	18	40·1	25·0	160
	Narainganj ...	7,605	4,956	12,561	4	8	*12*	16·6	33·1	*49·7*	50	1	...	3	1	...	8	*13*	4·1	...	12·4	4·1	...	33·1	*53·8*	37·3	8	5	54·7	52·5	104
Faridpore ...	Faridpore ...	5,663	4,600	10,263	2	4	*6*	10·1	20·3	*30·3*	50	...	..	8	...	...	...	*8*	...	...	40·5	...	...	...	*40·5*	111·5	3	5	27·5	56·5	48
Backerganj ...	Barisal	8,701	4,485	13,186	7	1	*8*	27·6	3·9	*31·5*	700	...	..	7	...	...	3	*10*	...	..	27·6	...	...	11·8	*39·4*	43·4	7	3	41·8	34·8	120
Mymensing ...	Nasirabad ...	10,443	4,413	14,856	3	...	*3*	10·5	...	*10·5*	No female birth.	...	1	1	...	...	2	*4*	...	3·5	3·5	...	...	7·0	*14·0*	17·5	4	...	19·9	...	No female death.
Chittagong ...	Chittagong ..	13,340	8,790	22,130	5	14	*19*	11·7	32·0	*44·6*	35	...	.	5	1	...	3	*9*	...	...	11·7	2·3	...	7·0	*21·1*	32·9	3	6	11·7	35·5	33
Noakhali ...	Sudharam ...	3,410	1,714	5,124	1	1	*2*	10·1	10·1	*20·2*	100	2	...	4	...	...	1	*7*	20·2	...	40·6	...	...	10·1	*71·0*	30·4	2	5	30·5	151·7	20
Tipperah ...	Comillah	8,153	5,353	13,506	11	5	*16*	42·4	19·2	*61·6*	22	...	.	3	...	...	7	*10*	...	..	11·6	...	...	25·9	*38·5*	46·2	5	5	31·9	48·6	65
Patna ...	Patna City ...	78,762	81,475	160,237	68	64	*132*	22·0	20·8	*42·8*	106	...	..	41	15	...	29	*85*	...		13·3	4·9	...	9·4	*27·6*	34·7	41	44	27·1	28·1	96
	Behar	23,799	25,172	48,971	22	20	*42*	23·4	21·2	*44·6*	110	...	1	10	1	...	7	*19*	...	1·1	10·6	1·1	...	7·4	*20·2*	34·0	12	7	26·2	14·5	180
Gya ...	Gya	38,290	37,831	76,121	34	24	*58*	23·2	16·4	*39·6*	141	1	.	29	8	...	9	*47*	7	...	19·8	5·5	...	6·1	*32·1*	31·4	27	20	36·7	27·5	133
Shahabad ...	Arrah	20,960	22,505	43,465	13	23	*36*	15·6	27·5	*43·1*	56	...	..	11	1	...	7	*19*	...	.	13·1	1·2	...	8·4	*22·7*	52·6	8	1	19·8	25·4	78
	Buxar	9,299	8,369	17,668	8	2	*10*	23·5	5·9	*29·4*	400	...	..	17	...	...	7	*24*	...	..	50·0	...	...	20·6	*70·6*	29·4	12	12	67·1	74·6	98
Mozufferpore...	Mozufferpore ...	23,084	19,658	42,742	19	19	*38*	23·1	23·1	*46·2*	100	...	.	14	5	...	4	*23*	...	...	17·0	6·1	...	4·9	*28·0*	29·2	11	12	24·8	31·7	78
Durbhanga ...	Durbhanga ...	33,774	32,322	66,096	28	36	*64*	22·0	25·3	*50·4*	77	...	..	21	6	...	8	*35*	...	..	16·5	4·7	...	6·3	*27·5*	23·6	21	14	32·3	22·5	143
Saran ...	Chupra	25,116	26,554	51,670	22	15	*37*	22·1	15·1	*37·2*	146	..		15	1	...	5	*21*	...	..	15·1	1·0	..	5·0	*21·1*	28·2	10	11	20·7	21·5	96
Chumparun ...	Motihari	6,328	3,979	10,307	4	4	*8*	20·2	20·2	*40·4*	100	...	.	13	...	...	3	*16*	...	...	65·6	...	...	15·1	*80·7*	70·6	6	10	49·3	130·7	37
Monghyr ...	Monghyr	28,154	29,366	57,520	25	28	*53*	21·6	25·3	*47·9*	89	...		10	4	...	8	*22*	...	..	9·0	3·6	...	7·2	*19·9*	33·4	15	7	27·7	12·4	223
	Jamalpore .	7,456	6,107	13,563	12	6	*18*	46·0	23·0	*69·0*	200	...		6	1	...	4	*11*	...	..	23·0	3·8	...	15·3	*42·2*	26·8	6	5	41·8	42·6	98
Bhagulpore ...	Bhagulpore ...	34,916	33,322	68,238	28	35	*63*	21·3	26·7	*48·0*	50	1	.	34	5	...	3	*43*	·8	...	25·0	3·8	...	2·3	*32·8*	33·5	24	19	35·7	29·7	120
Purneah ...	Purneah	8,463	6,553	15,016	5	1	*6*	17·3	3·5	*20·8*	500	...		5	..	2	1	*8*	...	.	17·3	...	6·0	3·5	*27·7*	41·6	5	3	30·7	23·8	129
Maldah ..	English Bazar ...	6,289	6,141	12,430	3	2	*5*	12·6	8·3	*20·9*	150	...	.	8	...	...	1	*9*	...	...	33·5	...	...	4·2	*37·7*	92·0	6	3	49·0	25·4	195
Sonthal Pergunnahs.	Deoghur	4,964	3,041	8,005	2	3	*5*	13·0	19·5	*32·5*	66	...	...	2	...	...	1	*3*	...	...	13·0	...	...	6·5	*19·5*	13·0	1	2	10·5	34·2	30
Cuttack ...	Cuttack	22,632	20,607	43,239	12	5	*17*	14·4	6·0	*20·4*	240	5	7	17	4	...	8	*41*	6·0	3·4	20·4	4·8	...	9·6	*49·3*	45·7	23	18	52·8	45·4	116
Poori ...	Poori	13,247	11,537	24,784	6	6	*12*	12·6	12·6	*25·2*	100	2	.	7	4	...	12	*25*	4·2	...	14·7	8·4	...	25·2	*52·5*	54·6	14	11	55·0	49·6	111
Balasore ...	Balasore	10,282	9,983	20,265	3	4	*7*	7·7	10·3	*18·0*	75	..	.	4	7	...	5	*16*	...	...	10·3	18·0	...	12·8	*41·1*	20·5	5	11	25·3	57·3	44
Hazaribagh ...	Hazaribagh ...	7,639	7,667	15,306	9	3	*12*	30·6	10·2	*40·8*	300	...	...	5	...	...	3	*8*	...	...	17·0	...	...	10·2	*27·2*	37·4	4	4	27·2	27·1	100
Lohardugga ...	Ranchi*	...	...	...	...	...	...	...	..	...	..	...	...	...	...	.	..	...	...	...	...	...	...	...	...	19·7	...	...	...	...	...
Singbhum ...	Chaibassa	3,126	2,880	6,006	...	...	...	...	...	...	...	...	...	...	1	...	3	*4*	...	..	...	8·6	...	26·0	*34·6*	17·3	3	1	49·9	18·1	275
Manbhum ...	Purulia	5,060	4,244	9,304	4	3	*7*	22·3	16·8	*39·1*	133	...	...	2	...	...	3	*5*	...	...	11·1	...	...	16·8	*27·9*	16·8	3	2	30·8	24·5	125
	Total ...	786,989	715,981	1,502,970	561	527	*1,088*	19·4	18·2	*37·6*	106	29	21	619	129	5	235	*1,038*	1·0	·7	21·4	4·5	·2	8·1	*35·9*	40·4	570	468	37·7	34·0	111

* Return not received up to date.

DISTRICTS.	NAMES OF MUNICIPALITIES.	13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
		Deaths among—					Ratio per 1,000 of population per annum.					Deaths.										Ratio per 1,000 of population per annum.									
		Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	34	12	...	...	...	74·7	69·8	...	...	15	6	1	...	...	4	3	8	4	5	1,181·8	135·3	22·3	...	...	26·3	22·6	94·2	84·7	175·4
	Raniganj	...	11	...	...	...	...	64·1	...	...	...	2	1	...	1	...	2	1	3	...	1	442·6	52·8	...	57·1	...	42·9	24·2	124·7	...	124·7
Bankura ...	Bankura	...	10	...	...	...	...	30·6	...	...	...	2	...	...	1	...	1	1	1	1	3	219·9	...	...	28·7	...	15·8	19·7	28·5	47·0	157·1
Birbhum ...	Soori	...	3	...	...	...	...	26·7	...	...	...	1	...	...	...	...	1	...	1	...	...	298·9	...	...	...	...	36·8	...	59·0	...	...
Midnapore ...	Midnapore ...	...	15	1	...	...	...	30·1	7·2	...	..	5	2	...	...	1	1	1	3	1	2	349·9	44·2	...	...	16·5	7·1	9·4	41·9	25·2	56·8
Hughli, including Serampore.	Hughli and Chinsurah.	...	43	17	...	...	...	88·5	143·4	...	...	6	7	3	1	5	6	13	9	4	6	358·5	163·8	54·1	21·0	163·6	50·3	118·4	112·2	80·0	150·5
	Serampore	...	21	6	...	...	...	43·3	332·6	...	...	1	4	1	...	...	5	4	5	5	2	73·2	115·2	20·7	...	...	48·3	41·8	77·1	135·8	74·8
	Utterpara	...	4	...	...	...	...	39·1	...	...	...	...	2	1	...	...	...	1	...	...	...	...	247·0	111·6	..	...	...	49·0	...	...	...
Howrah ...	Howrah	...	44	21	...	...	...	33·6	53·2	...	...	9	4	3	1	2	10	11	14	5	6	226·0	37·5	24·8	7·9	14·2	22·9	29·7	61·9	47·4	83·2
	Bali	...	10	1	...	...	...	33·3	39·7	...	...	3	...	1	...	2	...	...	1	...	4	430·9	...	48·8	...	77·9	...	...	26·9	...	284·2
24-Pergunnahs.	Cossipore-Chitpore*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Manicktola* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Baranagore* ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South Suburban*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nuddea ...	Krishnagar ...	...	20	4	...	...	...	55·8	25·1	...	...	3	5	1	1	...	3	2	3	4	2	314·5	105·4	13·1	18·5	...	32·4	24·3	47·8	98·7	60·3
	Ranaghat	...	6	...	...	...	...	42·6	...	...	...	1	1	...	...	...	...	1	1	...	2	251·2	65·4	...	...	...	...	41·7	51·8	...	182·3
	Santipore ...	...	4	5	...	...	...	10·0	29·1	...	...	1	1	1	...	...	3	2	...	...	1	61·5	17·9	13·5	...	...	31·3	24·0	...	...	26·5
Jessore ...	Jessore	...	1	11	...	...	...	11·5	149·7	...	...	...	1	1	...	1	4	2	1	1	1	...	105·3	65·6	...	71·0	103·3	68·0	49·5	92·4	113·5
Murshedabad.	Berhampore ...	...	22	4	...	...	...	63·0	40·1	..	...	3	2	...	1	3	3	3	5	3	3	413·8	65·2	...	27·3	88·5	35·0	35·2	75·4	83·0	97·6
	City Murshedabad	...	22	11	...	...	...	50·4	36·2	...	...	3	4	1	2	...	3	1	7	8	4	204·5	84·5	15·1	36·2	...	21·3	7·2	62·2	116·6	67·2
Khulna ...	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dinajpore ...	Dinajpore ...	...	5	9	...	...	...	42·9	73·0	...	...	1	1	...	...	...	1	2	3	1	5	252·4	60·2	...	...	...	19·3	42·0	99·5	62·7	406·9
Rajshahye ...	Rampore Beauleah	...	14	5	...	...	...	73·5	26·5	...	...	4	3	1	...	...	...	1	1	5	4	512·3	110·0	25·0	...	...	...	14·4	21·2	209·5	216·0
Rungpore ...	Rungpore ...	...	7	10	...	...	...	56·2	78·2	...	...	1	...	...	1	...	1	5	1	5	3	223·2	...	...	47·0	...	16·4	94·5	32·9	353·7	302·9
Bogra ..	Bogra ...	...	...	3	...	...	...	...	45·0	...	...	...	1	...	..	...	1	1	...	...	...	...	101·2	...	...	...	30·4	48·6	...	...	...

Pubna ...	Pubna ...	...	4	8	...	...	...	29·2	51·3	...	...	3	3	1	...	...	1	1	1	...	4	3 2.9	107·0	30·8	...	...	17·9	20·8	30·5	...	104·5
	Serajganj ...	...	3	2	...	...	...	18·2	8·5	...	...	3	2	...	...	...	...	...	...	...	...	289·4	43·5	...	...	...	...	...	...	...	...
Darjeeling ...	Darjeeling ...	...	...	1	3	...	...	...	85·0	94·4	...	...	...	...	...	...	1	...	...	1	2	...	...	...	...	...	26·0	...	...	213·1	615·4
Julpaiguri ...	Julpaiguri ...	...	2	3	...	...	...	24·5	42·8	...	...	...	...	...	...	1	3	...	...	...	1	...	...	...	...	82·9	86·0	...	...	...	165·1
Dacca ...	Dacca ...	1	24	26	...	...	109·5	31·0	34·4	...	...	16	5	6	...	3	5	6	4	...	6	438·4	35·3	31·4	...	21·4	17·0	26·8	24·8	...	56·0
	Naraingunj ...	...	5	8	...	...	...	41·1	67·5	...	...	5	1	...	...	...	2	3	...	1	1	931·9	45·6	...	...	...	39·0	72·9	...	66·5	79·8
Faridpore ...	Faridpore ...	...	4	4	...	...	...	38·9	43·8	...	...	1	2	...	...	...	...	1	2	1	1	222·2	83·4	...	...	...	...	35·6	59·2	64·5	70·2
Backerganj ...	Barisal ...	...	5	5	...	...	...	43·0	38·1	...	...	2	1	...	...	...	1	2	2	2	...	530·6	61·1	...	...	...	16·4	41·7	68·4	116·6	...
Mymensing ...	Nasirabad ...	...	2	2	...	...	...	13·6	14·7	...	...	1	...	...	...	...	2	...	...	...	1	235·3	...	...	...	...	28·6	...	...	...	56·1
Chittagong ...	Chittagong ...	...	3	6	...	...	...	26·9	21·4	...	...	3	1	...	...	...	2	2	1	...	...	277·1	26·4	...	...	...	22·5	31·2	23·0	...	...
Noakhali ...	Sudharam ...	...	2	5	...	...	...	40·6	102·8	...	...	1	...	...	1	...	1	...	1	2	1	666·7	...	...	101·6	...	44·4	...	101·8	329·1	262·6
Tipperah ...	Comillah ...	...	...	10	...	...	...	...	87·5	...	...	3	1	1	1	...	...	1	...	2	1	525·3	39·8	31 9	35·6	...	...	26·1	...	129·8	76·7
Patna ...	Patna City ...	...	64	21	...	...	...	28·0	26·7	...	...	18	17	2	2	3	6	4	8	10	15	217·2	60·6	6·2	7·2	14·0	10·8	8·9	22·1	36·8	56·5
	Behar ...	...	13	6	...	...	...	20·1	20·4	...	...	7	1	...	1	...	3	...	...	5	2	245·1	9·0	...	10·8	...	18·4	...	...	71·9	28·9
Gya ...	Gya ...	...	33	9	...	...	...	32·9	29·1	...	...	13	4	...	1	3	4	4	2	7	9	377·7	32·7	...	7 7	29·8	14·1	16·3	10·6	55·4	90·9
Shahabad ...	Arrah ...	...	13	6	...	...	...	21·8	25·1	...	...	5	3	...	1	...	1	2	2	1	4	201·9	35·2	...	11·8	...	6·6	16·2	22·2	16·8	72·1
	Buxar ...	...	17	7	...	...	...	63·6	101·3	...	...	4	1	1	1	2	4	2	4	5	...	501·2	30·2	25·3	28·3	95·1	65·1	34·2	98·0	236·1	...
Mozufferpore ...	Mozufferpore ...	1	16	6	...	...	233·2	27·7	25·0	...	...	6	...	...	4	...	1	4	2	5	1	326·7	...	...	52·6	...	6·1	29·8	20·8	80·1	21·4
Durbhanga ...	Durbhanga ...	...	26	9	...	...	...	27·9	26·6	...	...	4	...	4	1	...	2	5	1	5	13	183·6	...	26·6	9·4	...	7·8	23·3	7·0	59·3	211·6
Sarun ...	Chupra ...	...	17	4	...	...	...	22·3	17·5	...	...	2	2	1	...	1	3	2	2	3	5	73·7	20·1	8 7	...	15·0	16·9	11·7	17·1	37·7	76·4
Chumparun ...	Motihari ...	...	11	5	...	...	...	76·0	93·8	...	...	1	4	...	...	...	3	4	4	...	...	379·6	211·8	...	...	...	77·3	140 4	193·8	...	...
Monghyr ...	Monghyr ...	...	18	4	...	...	...	20·9	16·5	...	...	6	1	...	...	...	3	2	1	3	6	2,0·1	8·4	...	...	...	15·1	11·7	8·2	39·2	87·0
	Jamalpore ...	1	10	...	...	...	81·6	52·9	..	...	...	6	...	...	...	...	1	1	1	...	2	878·9	...	...	...	...	18·5	21·6	37·0	...	155·9
Bhagulpore ...	Bhagulpore ...	...	30	13	...	...	...	31·9	35·8	...	...	8	9	5	...	1	2	4	4	2	7	289·9	72·1	36·8	...	10·5	12·0	19·0	27·2	20·5	84·6
Purneah ..	Purneah ...	...	6	2	...	...	...	34 0	18·4	...	...	...	...	...	1	...	4	1	2	...	...	...	...	...	43·5	...	63·3	18·2	56·1	...	...
Maldah ..	English Bazar ...	...	3	6	...	...	...	21·5	60·5	...	...	2	...	1	...	1	2	...	1	1	1	352·5	...	34·6	...	48·9	45·3	...	35·3	69·5	74·0
Sonthal Pergunnahs.	Deoghur ...	...	3	...	...	...	...	20·2	...	..	...	1	...	1	...	...	...	...	...	1	...	400·0	...	73·7	...	...	...	...	...	104·2	...
Cuttack ...	Cuttack ...	...	28	13	...	...	...	43·3	87·7	...	...	5	8	4	2	1	5	1	2	2	8	405·5	111·3	41·8	25·6	12·9	29·9	8·5	22·9	33·7	141·1
Poori ...	Poori ...	...	25	...	...	...	...	53·0	...	...	...	3	2	1	...	1	1	1	4	5	7	514·9	57·8	23·2	..	28·0	9·3	12·8	62·6	116·5	201·6
Balasore ...	Balasore ...	...	4	12	...	...	...	12·3	203·4	...	...	3	...	...	1	1	1	...	4	3	3	294·9	...	...	27·0	30·4	12·7	...	93·6	121·8	134·7
Hazaribagh ...	Hazaribagh ...	1	3	4	...	..	313·3	14·2	50·5	...	...	3	2	...	...	...	...	1	...	1	1	3·0·3	57·1	...	...	...	...	24·4	...	49 0	68·1
Lohardugga ...	Ranchi* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Singbhum ...	Chaibassa ...	...	4	...	...	...	...	40·6	...	...	...	..	...	...	...	...	2	2	...	...	...	...	...	...	...	...	87·4	91·1	...	...	...
Manbhum ..	Purulia ...	2	2	1	...	...	409·4	13·3	41·7	...	...	...	...	...	...	1	1	...	...	3	...	...	...	...	...	68·7	26·1	...	...	333·3	...
	TOTAL ...	6	701	328	3	...	26·7	34·8	39 3	76·6	...	199	115	43	26	33	117	111	122	118	154	292·6	44·9	14·0	9·9	14·9	20·4	23·2	36·1	56·9	87·1

* Return not received up to date.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 16th February 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.*,
Sanitary Commissioner for Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 13th February 1892, as compared with the corresponding week of the previous year.

Nature of Cargo.		Week ending Saturday, the 13th February 1892.			Week ending Saturday, the 14th February 1891.	
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	1,322	3,71,280	6,524	1,976	4,76,814	7,439
Jute	14	8,000	120	168	1,02,175	1,911
Firewood	107	74,1[illegible]0	1,170	116	85,870	1,157
Other articles	979	2,46,375	3,4[illegible]5	1,020	2,6[illegible],445	3,609
Total ...	2,422	6,99,765	11,269	3,278	9,35,284	14,116

BENGAL CENTRAL RAILWAY.

Abstract of principal commodities carried over the Bengal Central Railway during the month of November 1891 as compared with the same month of the previous year.

Staples.	1891. Up.	1891. Down.	1890. Up.	1890. Down.	Total. 1891.	Total. 1890.	Increase.	Decrease.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal ...	1,213	......	471	......	1,522*	964†	558	......
Cotton, raw ...	......	......	......	1	......	1	......	1
Cotton, twist and yarn—								
1.—European ...								
2.—Indian ...								
Cotton piece goods—								
1.—European—								
a.—In bales and bundles ...	378	......	346	......	378	346	32	......
b.—In boxes ...								
2.—Indian—								
a.—In bales and bundles ...								
b.—In boxes ...								
Grains—								
2.—Rice ...	23	134	281	118	1[illegible]6	399	......	243
5.—Others ...	53	56	87	23	109	110	......	1
Hides and skins—								
1.—Hides of cattle—								
a.—Dressed ...								
b.—Undressed ...								
2.—Skins of sheep, &c.—	......	26	......	60	26	60	......	34
a.—Dressed ...								
b.—Undressed ...								
Jute—								
1.—Raw—								
b.—Unscrewed ...	......	1,557	......	1,572	1,557	1,572	......	15
2.—Gunny-bags and cloth ...	5	......	7	1	5	8	......	3
Metals—								
1.—Copper, unwrought ...								
2.—Brass, unwrought ...								
3.—Brass and copper, wrought ...	97	2	55	6	99	61	38	......
4.—Iron ...								
5.—Tin ...								
6.—Others ...								
Oils—								
2.—Kerosine ...	73	......	76	......	73	76	......	3
3.—Others ...	104	......	68	......	104	68	36	......
Oil-seeds—								
1.—Linseed ...								
2.—Rape and mustard ...								
3.—Til or gingelly ...								
4.—Niger ...	37	142	44	211	179	255	......	76
5.—Castor ...								
6.—Poppy ...								
7.—Others ...								
Provisions—								
2.—Betel-nuts ...	......	1,137	......	1,175	1,137	1,175	......	38
3.—Others ...	12	13	20	3	25	23	2	......
Railway plant and rolling-stock ...	......	......	......	......	494†	109†	385	......
Salt ...	236	73	244	......	309	214	65	......
Sugar—								
1.—Drained ...	22	159	63	258	181	321	......	140
2.—Undrained ...								
Tobacco ...	36	18	35	29	54	64	......	10
All other articles of merchandise—								
1.—Unmanufactured ...	323	415	459	284	738	743	......	5
2.—Manufactured ...								
Total ...	2,611	3,732	2,256	3,741	7,146	6,599	1,116	569

* Includes 309 tons and 403 tons during 1891 and 1890, respectively, carried for Revenue, for which no "Up" and "Down" register maintained.
† Railway plant and rolling-stock 494 tons and 109 tons for the year 1891 and 1890, respectively, for which no "Up" and "Down" register maintained.

Statement of principal commodities carried on the Bengal Central Railway during the month of November 1891.

INCREASE.

Coal ... ... 558 tons.
Railway and flotilla consumption.

The increases and decreases in other commodities are due to ordinary fluctuations of traffic, and call for no special remarks.

HARRY STUART,
Joint-Auditor and Examiner of Accounts.

CALCUTTA, *the 19th January 1892.*

EASTERN BENGAL STATE RAILWAY.

Abstract of principal commodities carried over the Eastern Bengal State Railway during the month of November 1891, as compared with the same month of the previous year.

STAPLES.	1891.		1890.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1891.	1890.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal ...	2,660	9,203	2,594	1,642	23,758*	7,658*	16,100	......
Cotton, raw ...	49	133	70	270	192	340	......	148
Cotton twist and yarn—								
1.—European ...								
2.—Indian ...								
Cotton piece-goods—								
1.—European—								
a.—In bales and bundles ...	3,112	181	3,449	150	3,293	3,599	......	306
b.—In boxes ...								
2.—Indian—								
a.—In bales and bundles ...								
b.—In boxes ...								
Grains—								
3.—Rice ...	4,020	1,660	2,196	3,256	5,680	5,452	228	......
5.—Others ...	2,131	2,667	1,606	5,167	4,798	6,773	......	1,975
Hides and skins—								
1.—Hides of cattle—								
a.—Dressed ...								
b.—Undressed ...								
2.—Skins of sheep, &c.—	4	516	26	846	520	872	......	352
a.—Dressed ...								
b.—Undressed ...								
Jute—								
1.—Raw—								
a.—Screwed ...	......	7,879	......	9,408	7,879	9,408	......	1,529
b.—Unscrewed ...	15	28,626	89	32,819	28,641	32,908	......	4,267
2.—Gunny-bags and cloth ...	409	1,226	139	2,403	1,635	2,542	......	907
Metals—								
1.—Copper, unwrought ...								
2.—Brass, unwrought ...								
3.—Brass and copper, wrought ...	839	62	1,089	75	901	1,164	......	263
4.—Iron ...								
5.—Tin ...								
6.—Others ...								
Oils—								
2.—Kerosine ...	1,198	4	1,181	1	1,202	1,182	20	......
3.—Others ...	246	25	166	24	271	190	81	......
Oil-seeds—								
1.—Linseed ...								
2.—Rape and mustard ...								
3.—Til or gingelly ...								
4.—Niger ...	224	1,520	85	883	1,744	968	776	......
5.—Castor ...								
6.—Poppy ...								
7.—Others ...								
Provisions—								
2.—Betel-nuts ...	97	1,116	125	853	1,213	978	235	......
3.—Others ...	513	160	462	208	673	670	23	......
Railway plant and rolling-stock ...	......	......	......	......	9,045†	6,806†	2,239	......
Salt ...	4,164	14	4,584	12	4,178	4,596	......	418
Sugar—								
1.—Drained ...	950	173	1,349	264	1,123	1,613	......	490
2.—Undrained ...								
Tea—								
1.—Foreign ...	2	2,081	......	1,830	2,083	1,830	253	......
2.—Indian ...								
Wood—								
1.—Timber ...	167	126	62	51	293	113	180	......
2.—Firewood ...	1,643	......	1,788	......	1,643	1,788	......	145
Tobacco ...	47	601	34	748	648	782	......	134
All other articles of merchandise—								
1.—Unmanufactured ...	2,808	2,397	3,834	2,104	5,205	5,938	......	733
2.—Manufactured ...								
Hay, straw, and wooloo (C. & S.-E. Sections) ...	514	......	493	......	534	493	41	......
Total ...	25,852	60,380	25,421	63,014	107,172	98,663	20,176	11,667

* Includes 11,895 tons and 3,422 tons during 1891 and 1890, respectively, carried for Revenue, for which no "Up" and "Down" register maintained.

† Railway plant and rolling stock 9,045 tons and 6,806 tons for the year 1891 and 1890, respectively, for which no "Up" and "Down" register maintained.

Statement of principal commodities carried on the Eastern Bengal State Railway during the month of November 1891.

INCREASES.

	Tons		Tons.
Coal ... For railway and flotilla consumption principally.	16,100	Railway plant and rolling-stock ... For repairs and renewals.	2,239

DECREASES.

	Tons.		Tons.
Jute, unscrewed ... Goalundo, Kusraid, Postgollah, Domur and Durwani show large decreases, due to short crop.	4,267	Jute, screwed ... Durwani, Rungpore and Kusraid show large decreases, due to short crop.	1,529

HARRY STUART,

Examiner of Accounts.

CALCUTTA, *the 19th January 1892.*

NALHATI STATE RAILWAY.

Statement showing Increases and Decreases in tonnage of Staples carried over the Nalhati State Railway during the month of December 1891, *as compared with the same month of the previous year.*

STAPLES.	1890.		1891.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1890.	1891.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal	1,247	......	450	......	1,247	450	......	797
Cotton, raw	12	......	19	......	12	19	7	......
Cotton twist and yarn—								
1.—European	......	......	3	......	......	3	3	......
Cotton piece-goods—								
1.—European	28	2	19	......	30	19	......	11
Dyes and tans—								
1.—Indigo	......	1	......	......	1	......	......	1
Grains—								
2.—Rice	110	402	90	165	512	255	......	257
3.—Gram	......	21	......	......	21	......	......	21
4.—Others	41	......	45	9	41	54	13	......
Hides and skins—								
1.—Hides of cattle—								
a.—Dressed	......	......	......	4	......	4	4	......
b.—Undressed	......	5	......	5	5	5	......	......
Jute—								
1.—Raw	......	257	......	107	257	107	......	150
2.—Gunny bags and cloths	10	2	11	4	12	15	3	......
Leather, manufactured	7	......	2	......	7	2	......	5
Metals—								
2.—Iron	......	......	1	......	......	1	1	......
4.—Others	2	6	2	8	8	10	2	......
Oils—								
1.—Castor	3	......	2	......	3	2	......	1
2.—Kerosine	......	..	1	2	......	3	3	......
3.—Others	......	......	4	......	......	4	4	......
Oilseeds—								
2.—Mustard and rape	83	2	37	......	85	37	......	48
6.—Others	3	......	2	......	3	2	......	1
Provisions—								
1.—Ghee	10	......	2	......	10	2	......	8
2.—Dried fruits and nuts	2	......	1	......	2	1	......	1
3.—Others	54	......	87	7	54	94	40	......
Paper and pasteboard	2	2	2	1	4	3	......	1
Railway plant and rolling-stock	50	......	......	......	50	......	......	50
Salt	29	......	13	......	29	13	......	16
Silk, raw—								
2.—Indian	33	12	1	7	45	8	......	37
Silk piece-goods—								
2.—Indian	......	5	1	5	5	6	1	......
Spices—								
2.—Others	......	......	1	......	......	1	1	......
Stone and lime	3	......	......	......	3	......	......	3
Sugar—								
1.—Drained	......	......	11	......	......	11	11	......
2.—Undrained	73	......	36	......	73	36	......	37
Tobacco	2	5	6	......	7	6	......	1
Timber	......	......	3	3	......	6	6	......
All other articles of merchandise	165	25	27	16	190	43	......	147
Total ...	1,969	747	879	343	2,716	1,222	99	1,593

INCREASE.

	Tons.
Grains—	
(4) Others	13
Due to greater import of rohur, khasarees and barbatty, owing to high market rate.	
Provisions—	
(3) Others	40
Due to import of potatoes.	
Sugar—	
(1) Drained	11
There being no traffic under this head last year.	

DECREASE.

	Tons.
Coal	797
Due to no brick-burning coal imported this year in the month of December 1891.	
Grains—	
(2) Rice	257
Due to less export owing to short crops this year.	
(3) Gram	21
Exported by steamer plying between Jeaganj and Calcutta.	
Jute—	
(1) Raw	150
Owing to less demand.	
Oil-seeds—	
(2) Mustard and rape	48
Owing to less demand.	
Railway plant and rolling-stock	50
Due to renewals of permanent-way materials being stopped.	
Salt	16
Less imported into intermediate stations.	
Silk, raw—	
(2) Indian	37
This is due partly to failure of cocoons this year, and partly to despatch of silk by steamer plying between Jeaganj and Calcutta.	
Sugar—	
(2) Undrained	37
Due to less demand.	

R. G. MOOKERJEE,

Manager, Nalhati State Railway.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 6th February 1892, on 1,525½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*311,708	*3,09,466 4 0	27,32,175 0	6,03,939 7 0	18,686 11 0	9,92,092 6 0	73,044	99,952½	172,996½
Or per mile of railway	......	242 3 1	.....	395 14 4	12 4 0	650 5 5	...	......	..
For previous 4 weeks of half-year	1,110,119	13,01,138 9 0	1,12,54,782 10	25,68,275 2 0	86,286 5 0	39,55,700 0 0	307,540¾	419,335½	726,885¼
Total for 5 weeks ...	1,421,827	16,70,604 13 0	1,39,86,957 10	31,72,214 9 0	1,04,973 0 0	49,47,792 6 0	380,593¾	519,288	899,881¾
Comparison.									
Total for corresponding week of previous year	379,587½	5,15,182 12 4	26,00,781 30	6,28,698 6 3	20,182 3 7	11,64,063 6 2	81,402	94,039	176,441
Per mile of railway corresponding week of previous year ...	......	337 11 5	......	412 2 0	13 3 8	763 1 1	......	......	.....
Total to corresponding date of previous year	1,481,757	18,43,020 5 7	1,38,92,790 10	33,13,615 13 1	1,06,220 2 11	52,62,856 5 7	406,898	507,708	914,606

* The heavy decrease in coaching traffic is due to exceptional receipts on account of "Ardhadoy Yoga" during the corresponding period of 1891.

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 6th February 1892, on 57½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	13,840*	7,494 1 0*	50,201 20	3,429 4 0	52 0 0	10,975 5 0	1,842	1,131	2,973
Or per mile of railway	242	131 0 3	877 30	59 15 3	0 14 6	191 14 0	....	......	.....
For previous 4 weeks of half-year	65,148	36,257 4 0	1,75,881 0	12,200 10 0	222 0 0	48,685 14 0	7,730	3,222	10,952
Total for 5 weeks ...	78,988	43,751 5 0	2,26,082 20	15,635 14 0	274 0 0	59,661 3 0	9,572	4,353	13,925
Comparison.									
Total for corresponding week of previous year	21,855½	13,858 10 2	33,834 20	2,515 5 0	71 7 0	16,445 6 2	1,528	980	2,508
Per mile of railway corresponding week of previous year ...	382	242 4 6	591 20	43 15 7	1 4 0	287 8 1	......	......	.....
Total to corresponding date of previous year	104,057½	63,028 14 6	2,11,084 20	14,185 13 0	324 6 0	77,539 1 6	8,793	4,444	13,237

* The heavy decrease in coaching traffic is due to exceptional receipts on account of "Ardhadoy Yoga" during the corresponding period of 1891.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 6th February 1892, on 22½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*19,811	5,027 8 0	21,370 20	713 13 0	11 0 0	5,752 5 0	887	81	968
Or per mile of railway	......	225 15 3	......	32 1 4	0 7 11	258 8 6	......	......	......
For previous 4 weeks of half-year	81,330	20,386 2 0	56,027 20	2,030 7 0	58 0 0	22,473 9 9	3,809	340	4,158
Total for 5 weeks ...	101,141	25,413 10 0	77,407 0	2,743 4 0	69 0 0	28,225 11 9	4,696	430	5,126
Comparison.									
Total for corresponding week of previous year	40,306½	11,516 1 4	16,480 30	558 7 0	12 15 3	12,087 7 7	1,125	107	1,232
Per mile of railway corresponding week of previous year ...	......	517 9 2	......	25 1 7	0 9 4	543 4 1	......	......	.....
Total to corresponding date of previous year	123,329	32,904 3 4	65,850 10	2,286 1 0	41 12 6	35,232 0 10	5,098	424	5,522

* The heavy decrease in coaching traffic is due to exceptional receipts on account of "Ardhadoy Yoga" during the corresponding period of 1891.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 6th February 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	13,824	9,242 9 0	43,061 20	7,554 8 0	59 0 0	16,856 1 0	5,936½	2,071½	8,008
Or per mile of railway	......	57 0 10	......	46 10 2	0 5 10	104 0 10	......	......	......
For previous 4 weeks of half-year	55,483	41,866 10 0	1,94,863 10	33,637 15 0	309 0 0	75,812 9 0	25,473½	8,746	34,219½
Total for 5 weeks ...	69,307	51,108 3 0	2,38,824 30	41,192 7 0	368 0 0	92,668 10 0	31,410	10,817½	42,227½
Comparison.									
Total for corresponding week of previous year	......	......	......	......	......	......	......	......	......
Per mile of railway corresponding week of previous year ...	......	......	......	......	......	......	......	......	......
Total to corresponding date of previous year	......	......	......	......	......	......	......	......	......

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Behar Sections.)

Approximate Return of Traffic for week ended 6th February 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	205,757	93,890 0 0	4,94,334 0	68,510 0 0	9,840 0 0	1,72,240 0 0	29,088	27,326	56,414
Or per mile of railway	265	121 0 0	636 0	88 0 0	†1 0 0	210 0 0	.....	.....	.....
For previous 4 weeks of half-year	716,426	3,50,190 0 0	23,74,713 0	4,07,370 0 0	50,780 0 0	8,08,340 0 0	125,428	112,593	238,021
Total for 5 weeks ...	922,183	4,44,080 0 0	28,69,047 0	4,75,880 0 0	60,620 0 0	9,80,580 0 0	154,516	139,919	294,435
Comparison.									
Total for corresponding week of previous year	374 331	*3,14,248 0 0	4,96,350 0	89,792 0 0	64,480 0 0	4,68,520 0 0	38,568	35,547	74,115
Per mile of railway corresponding period of previous year ...	482	404 0 0	639 0	116 0 0	†4 0 0	524 0 0	.....	.....	.....
Total to corresponding date of previous year	1,125,949	7,05,311 0 0	34,17,797 0	6,83,063 0 0	1,76,471 0 0	15,64,875 0 0	166,694	187,327	354,021

* Due to Aurdhodoya bathing festival.
† Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 6th February 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	33,211	10,880 0 0	65,030 0	4,410 0 0	90 0 0	15,420 0 0	3,511	2,161	5,672
Or per mile of railway	266	87 0 0	525 0	35 0 0	1 0 0	123 0 0	......	......	......
For previous 4 weeks of half-year	107,303	40,410 0 0	2,42,713 0	15,060 0 0	420 0 0	55,890 0 0	14,458	9,833	24,291
Total for 5 weeks ...	140,514	51,290 0 0	3,08,343 0	19,510 0 0	510 0 0	71,310 0 0	17,969	11,994	29,963
Comparison.									
Total for corresponding week of previous year	58,394	*43,309 0 0	50,626 0	2,593 0 0	103 0 0	46,099 0 0	3,881	2,616	6,497
Per mile of railway corresponding week of previous year ...	467	347 0 0	405 0	21 0 0	1 0 0	369 0 0	......	......	......
Total to corresponding date of previous year	178,094	92,381 0 0	3,07,435 0	16,508 0 0	540 0 0	1,09,379 0 0	19,283	12,363	31,646

* Due to Aurdhodoya bathing festival.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 6th February 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	18,327	5,780 0 0	15,690 0	1,910 0 0	120 0 0	7,820 0 0	2,224	1,000	3,224
Or per mile of railway	213	67 0 0	182 0	22 0 0	2 0 0	91 0 0	......	......	......
For previous 4 weeks of half-year	74,839	24,230 0 0	37,030 0	3,850 0 0	850 0 0	28,930 0 0	10,204	3,518	13,722
Total for 5 weeks ...	93,166	30,020 0 0	52,720 0	5,760 0 0	970 0 0	36,750 0 0	12,428	4,518	16,946
Comparison.									
Total for corresponding week of previous year	25,076	*11,163 0 0	26,467 0	2,975 0 0	302 0 0	14,440 0 0	3,189	2,181	5,370
Per mile of railway corresponding period of previous year	292	130 0 0	308 0	35 0 0	3 0 0	168 0 0	......	......	......
Total to corresponding date of previous year	111,374	42,506 0 0	1,93,000 0	17,877 0 0	1,081 0 0	61,464 0 0	14,053	7,385	21,438

* Due to Aurdhodoya bathing festival.

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 6th February 1892, on 27½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,406	1,160 0 0	12,596 0	720 0 0	20 0 0	1,900 0 0	317	608	925
Or per mile of railway	125	43 0 0	462 0	26 0 0	1 0 0	70 0 0	......	......	......
For previous 4 weeks of half-year	13,440	4,420 0 0	58,451 0	2,990 0 0	190 0 0	7,600 0 0	2,265	1,968	4,233
Total for 5 weeks ...	16,846	5,580 0 0	71,047 0	3,710 0 0	210 0 0	9,500 0 0	2,582	2,576	5,158
Comparison.									
Total for corresponding week of previous year ..	7,524*	3,120 0 0	9,387 0	485 0 0	7 0 0	3,612 0 0	618	526	1,144
Per mile of railway corresponding week of previous year ...	276	115 0 0	344 0	18 0 0	......	133 0 0	......	......	.....
Total to corresponding date of previous year	22,172	8,313 0 0	78,675 0	3,497 0 0	65 0 0	11,875 0 0	3,077	3,104	6,181

* Due to Aurdhodoya bathing festival.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhoot State Railway.)

Approximate Return of Traffic for the week ended 30th January 1892, on 739 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 739 miles open	79,770	34,830	3,53,560	46,020	8,790	89,240	11,333	16,034	27,367
Or per mile of railway	107·94	47·13	478·43	61·73	11·90	120·76	......	......	......
For previous 3¾ weeks of half-year	252,140	1,07,570	8,04,180	1,15,640	25,480	2,48,690	37,794	47,854	85,648
Total for 4¾ weeks ...	331,910	1,42,400	12,47,740	1,61,260	34,270	3,37,930	49,127	63,888	1,13,015
Comparison									
Total for corresponding week of previous year on 705 miles open	82,567	36,716	401,222	50,004	10,028	96,748	10,017	18,874	28,891
Per mile of corresponding week of previous year	117·12	52·08	569·11	70·93	14·23	137·23	......	......	......
Total to corresponding date of previous year	350,464	1,53,805	16,71,500	2,23,896	35,311	4,13,012	43,433	81,160	1,24,593

Printed and published by Edwin Morris Lewis, at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 17th February 1892.

[REGISTERED No. 29.]

No. 8 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, FEBRUARY 24, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

REPORT ON THE STATE OF THE SALT MARKET FOR THE THIRD QUARTER OF 1891-92.

No. 111B, dated Calcutta, the 10th February 1892.

From—T. INGLIS, Esq., Offg. Secretary to the Board of Revenue, L.P.,

To—The Secretary to the Government of Bengal, Financial Department.

SALT.

C. C. STEVENS, Esq.

I AM directed by the Board of Revenue to submit the following report on the state of the salt market for the third quarter of 1891-92, comprising the months of October, November and December 1891.

2. The quantity of salt of every description cleared during the quarter under report amounted to 24,29,085 maunds 23 seers 12 chittacks, against 27,39,377 maunds 10 seers 14 chittacks in the previous quarter, and 24,74,138 maunds 11 seers 1 chittack in the corresponding quarter of the previous year; and the net amount of duty levied thereon was Rs. 56,68,108-12, against Rs. 63,81,532-8 in the previous quarter and Rs. 58,03,364-1 in the corresponding quarter of the previous year.

3. The quantity of excise salt sold in Orissa during the quarter under review, and the quantity which remained in store at the close of the quarter, are shown in table I :—

TABLE I.

	Cuttack.	Pooree.	Balasore.
		MDS. S.	MDS. S.
Balance at close of the last quarter	......	53,497 20	932 0
Manufactured or added during the quarter	......	......	......
Total ...	......	53,497 20	932 0
Sales during the quarter	......	3,412 0	27 0
Wastage	......	8,198 20	......
Total ...	......	11,610 20	27 0
Balance at close of the quarter	......	41,887 0	905 0

4. The total sale of excise salt during the quarter under review amounted to 3,439 maunds, against 3,349 maunds in the previous quarter and 24,941 maunds in the corresponding quarter of the previous year. The total amount of excise salt cleared, *i.e.*, on which duty was paid during the quarter, was 3,589 maunds. The figures in the table shown in the last paragraph are for the salt removed from the golahs.

5. The subjoined table shows in comparison the importations into the port of Calcutta and the total clearances of sea-imported salt during the quarter under review and the corresponding quarters of the previous two years :—

TABLE II.

	1889-90.		1890-91.		1891-92.	
	3rd quarter.		3rd quarter.		3rd quarter.	
	Imported.	Cleared.	Imported.	Cleared.	Imported.	Cleared.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Liverpool pungah	10 26,864	16 54,525	11,23,407	15,51,162	15,40,715	14,18,941
Foreign kurkutch	10,95,948	5,63,183	8,74,246	6,47,899	7,25,097	7,53,702
Indian ditto	5,640	1,30,002	79,408	1,25,822	2,02 144	1,48,796
Total ..	21,28,452	23,47,710	20,77,061	23,24,883	24,67,956	23,21,439

6. The following are the details of the Indian kurkutch salt shown in the above table :—

TABLE III.

	1889-90.		1890-91.		1891-92.	
	3rd quarter.		3rd quarter.		3rd quarter.	
	Imported.	Cleared.	Imported.	Cleared.	Imported.	Cleared.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Bombay		1,24,362	68,926	1,15,340	1,62,166	1,37,476
Coconada	5,000	5,000	10,482	10,482	.	.
Madras	600	600	.. ...	.....	......	.
Cuddalore ..	40	40	..	......		.. ...
Tuticorin	....	.. ...	. .	. ...	39,978	11,320
Total ..	5,640	1,30,002	79,408	1,25,822	2,02,144	1,48,796

7. Table IV shows the quantity of sea-imported salt remaining in the warehouses at the close of the quarter, as compared with the results of the previous four quarters :—

TABLE IV.

WHERE STORED.	Third quarter of 1890-91.	Fourth quarter of 1890-91.	First quarter of 1891-92.	Second quarter of 1891-92.	Third quarter of 1891-92.
	Mds.	Mds.	Mds.	Mds.	Mds.
Sulkea Government golahs	23,66,555	22,46,443	15,58,915	11,50,650	16,91,716
Chittagong ditto ditto	2,60,057	2,43,399	1,26,919	1,27,631	1,13,972
Ditto private ditto	......	......	42,998	37,928	22,178
Naraingunge ditto ditto	......	......	168	8,451	868
Total ...	26,26,612	24,89,842	17,29,000	13,63,660	18,28,734

8. The despatches of salt from Calcutta by water, and the three Railways passing the several salt pass-stations into the interior of the country, both east and west of the river Hooghly, during the quarter under review and the corresponding quarters of the previous two years, are shown in the table below :—

TABLE V.

PERIOD.	*Viâ* Balikhall.	*Viâ* Sankrail.	*Viâ* Gewakhally.	*Viâ* Kidderpore.	*Viâ* Balliaghatta.	*Viâ* Buthtollah Ghât.	By the East Indian Railway.	By the Eastern Bengal and South-Eastern Railways or *viâ* Chitpore.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Third quarter of 1889-90 ...	2,05,554	1,18,313	75,155	63,595	5,03,902	2,119	8,78,848	2,13,578
Ditto of 1890-91 ...	2,14,663	1,21,233	76,282	90,620	4,92,110	1,306	8,25,344	2,83,306
Ditto of 1891-92 ...	2,00,900	1,21,129	80,707	87,357	5,82,833	410	8,25,610	2,78,295

9. The quantity of salt despatched by the East Indian Railway to stations beyond Buxar during the quarter under review amounted to 1,903 maunds 20 seers as noted in the margin, against 2,430 maunds in the previous quarter, and 3,341 maunds 10 seers in the corresponding quarter of the previous year. A further quantity of 63,255 maunds was sent to Orissa during the quarter, against 56,710 maunds sent during the previous quarter and 62,412 maunds sent during the corresponding quarter of the previous year.

	Mds.	s.
October ...	607	20
November ...	607	20
December ...	688	20
Total ...	1,903	20

10. The shipments of Liverpool salt for the port of Calcutta, according to published market reports, were as follows :—

	Tons.
October	16,170
November	5,440
December	9,290
Total ...	30,900

11. Table VI shows the market price per 100 maunds of Liverpool and other descriptions of salt at the close of each fortnight during the quarter, as compared with those obtaining during the same period last year :—

TABLE VI.

DESCRIPTION OF SALT.	Prices on the 15th October		Prices on the 31st October		Prices on the 15th November		Prices on the 30th November		Prices on the 15th December		Prices on the 31st December	
	1890.	1891.	1890.	1891.	1890.	1891.	1890.	1891.	1890.	1891.	1890.	1891.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Liverpool pungah ...	77	56	74	60	72	55	75	61	85	61	80	66
Jedda kurkutch ...	46	...	46	...	46	...	46	...	46	...	46	...
Bombay ditto ...	56	55	56	45	56	45	56	45	67	45	67	45
Muscat ditto ...	44	44	44	44	40	45	41	45	41	45	41	45
Rock ...	65	110	65	102	55	105	60	105	70	110	70	120

12. The following table shows the quantity of sea-imported salt admitted into bond and cleared from bond and shipboard at Chittagong and Naraingunge during the quarter under review and the corresponding quarter of 1889-90:—

TABLE VII.

PORT.	Description of Salt.	ADMITTED INTO BOND.		CLEARED.	
		Third quarter of 1890-91.	Third quarter of 1891-92.	Third quarter of 1890-91.	Third quarter of 1891-92.
		MDS. S.	MDS. S.	MDS. S. C.	MDS. S. C.
Chittagong ...	Liverpool pungah	2,00,165 0	36,698 0	56,629 0 8	53,490 30 8
	Maldive	......	......	......	0 15 0
	Cochin	......	......	......	0 15 0
Naraingunge ...	Liverpool pungah	......	......	68,429 0 0	50,565 20 0
	Total ...	2,00,165 0	36,698 0	1,23,058 0 8	1,04,057 0 8

No transactions in sea-imported salt have been reported for the quarter from the ports of Cuttack, Pooree, and Balasore.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 20th February 1892.

	No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.				
BURDWAN DIVN.	1	Burdwan Feb. 20, '92 Kalna ... Katwa ... Raniganj ...	0·14 Nil 0·12 0·49	Weather—getting warmer. Harvesting of *rabi* crops and pressing of sugarcane going on. Supply of fodder and water sufficient. Prices of common rice:— Srs. Sadar ... ... 12¼ per rupee. Kalna ... ... 14 per rupee. Katwa ... ... 13¾ per rupee. Raniganj ... ... 13¼ per rupee.
	2	Bankura „ 20, '92 Vishnupur ...	0·19 0·41	Weather—cloudy in the beginning, but clear with scattered clouds in the end of the week. The rainfall of the week has been too small to be of much use. Among the crops on the ground, wheat and barley have been slightly benefited by it. Condition of cattle fair. Fodder and water hardly sufficient. Coarse rice selling at 16 seers 4 chitaks per rupee at Sadar and 10 seers 12 chitaks at Vishnupur.
	3	Birbhum „ 20, '92 Rampur Hât ...	0·54 0·93	Weather—seasonable. Rain has done some good. Sugarcane being pressed. Fodder and water plentiful. Condition of cattle normal. Price of common rice 13¾ to 17 seers per rupee.
	4	Midnapur „ 20, '92	0·18	Slight rain for two days; weather afterwards fair. Prospects of *rabi* crop better. Indigo doing well. Heavy export of rice from Ghatál. Fodder plentiful. Condition of cattle good. Prices of common rice:— Srs. Sadar ... ... 14 per rupee. Contai ... ... 16 per rupee. Tamluk ... ... 13 per rupee. Ghatál ... ... 14 per rupee.
	5	Hooghly „ 20, '92 Serampore ... Jahanabad ...	Nil 0·15 0·04	Weather—bright and rather warm for the season. Trifling showers. Sugarcane and potatoes are giving a good yield. No difficulty in obtaining fodder and water-supply. Prices of common rice:— Srs. Sadar ... ... 11 per rupee. Jahanabad ... ... 16 per rupee. Serampore ... ... 12 per rupee.
	6	Howrah „ 20, '92 Ulubaria ...	0·01 0·04	Weather—first part of the week warm, latter part cold. A few drops of rain fell, but did not do much good to the crops. Sugarcane is being pressed. Price of common rice from 13 to 14 seers per rupee. Condition of cattle good. Fodder and water-supply sufficient.
PRESIDENCY DIVN.	7	24-Parganas „ 20, '92	Nil	Weather—seasonable, and cloudy with drizzling rain. *Rabi* prospects not good. Rain much wanted. The little rain which fell during the week in the subdivisions has not improved the state of crops on the ground. Pressing of sugarcane still continues. Prices stationary. Cattle-disease reported from one village in thana Haroa. Fodder and water available.
	8	Nadia „ 20, '92 Kushtia ... Meherpur ... Chuadanga ... Ranaghat ...	Nil 0·10 0·18 Nil 0·08	Weather—seasonable. Prospects of crops not improved. Cultivation of lands for *aus* and sugarcane going on. Common rice selling at 11 seers 7 chitaks to 13 seers 14 chitaks per rupee. Condition of cattle good and supply of fodder and water sufficient.
	9	Khulna „ 20, '92 Bágerhat ... Satkhira ...	Nil Nil 0·11	Weather—seasonable. *Aman* harvest nearly completed; outturn 10 to 14 annas. Rain much wanted for *boro*. Mustard and tobacco promise well. Land is being ploughed for *til*. Supply of fodder and water sufficient for cattle, except in a few villages in Mollahat, where water is said to be scarce. Coarse rice is selling at 13 to 15 seers per rupee.
	10	Jessore „ 20, '92 Jhenida ... Magura ... Narail ... Bangaon ...	Nil 0·02 Nil Nil Nil	Mornings foggy, days rather hot. Rain badly wanted for *rabi* crops. Harvesting of linseed and rye going on. Supply of fodder and water sufficient. Price of rice stationary.
	11	Murshidabad „ 20, '92	0·54	Weather—seasonable. Prospects of *rabi* crops are not favourable in all parts of the district, though fair in Kandi subdivision. The recent shower of rain will improve the state to some extent. No want of fodder or water for cattle. Condition of cattle generally good.
CHITTAGONG DIVN.	12	Chittagong „ 23, '92	Nil	Weather—seasonable. Vegetable crops withering for want of rain. Prices stationary. Condition of cattle generally good. Fodder sufficient.
	13	Noakhali „ 20, '92	Nil	Weather—seasonable. No change in the state of *rabi* crops; they are still in bad condition for want of rain. Condition of cattle good. Fodder and water sufficient in Sadar subdivision, but insufficient in some parts of Fenny subdivision. Price of rice stationary.
	14	Tippera „ 20, '92	Nil	Weather—seasonable; occasionally cloudy. *Boro* paddy thriving. Winter crops being gathered, harvest almost completed. Prospect fair.
	15	Chittagong Hill Tracts. „ 18, '92	Nil	Weather—cloudy and little cool in the first part of the week, and fairly cool in the latter part. Chillies, garlics, onions, and *dals* commence to ripen in some places. Vegetables not doing well for want of rain. Mustard, sesamum (*til*) and cotton being sold in the bazars. Clearing of *jum* land being commenced in some places. Preparation of the plough land and the land for sugarcane plantations continues. Cattle-disease gradually increasing. Common rice being sold at 11 seers 14½ chitaks per rupee.

	No.	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—concld.					
DACCA DIVN.	16	Dacca	Feb. 20, '92	Nil	Weather—seasonable. *Boro* paddy thriving. Prospects of *khesari, musuri, keora, china,* and *kaon* fair. Ploughing for early rice going on. Fodder available. Common rice selling at from 12 to 16 seers per rupee. Condition of cattle generally good.
	17	Faridpur	„ 20, '92	Nil	Weather—cool and bright. This morning (20th) was foggy. *Rabi* crops fair but more rain wanted. Jute and *aus* paddy are being sown. Coarse rice selling at 14½ seers, 12 to 14 seers, and 15 seers per rupee in Sadar, Goalundo, and Madaripur suddivisions respectively. Supply of fodder and water sufficient. Cattle in good condition.
	18	Backergunge	...	...	Report not received.
	19	Mymensingh	„ 20, '92	0·23	Weather—very cold. Prospects of standing crops fair on the whole. Common rice sells at from 12 to 17 seers per rupee. Condition of cattle good. Supply of water and fodder sufficient.
RAJSHAHYE DIVN.	20	Dinajpur Thakurgaon	„ 20, '92 ...	0·28 0·18	Weather—cool. Pressing of sugarcane still continues. Recent rain has facilitated the cultivation of lands for *bhadoi* and jute. Price of rice both at Sadar and Thakurgaon stationary. Condition of cattle good. Supply of fodder fair. Drinking water sufficient.
	21	Rajshahi Nator Nowgong	„ 20, '92	0·63 0·83 0·40	Weather—seasonable. The rain that has fallen during the week has given facility to the cultivation and done much good to the standing crops. Ploughing for *aman, aus,* and jute in progress; but more rain wanted. Common rice sells at from 11 to 15 seers per rupee. Condition of cattle generally good. Supply of fodder and water sufficient.
	22	Rangpur Gaibanda Kurigaon Nilphamari	„ 20, '92	0·28 0·30 0·45 0·34	Weather—clear and cold. The little rain which has fallen throughout the district did some good, but more rain is required. Early rice sowings going on, and lands being everywhere prepared. Sugarcane and tobacco promising. Other crops suffering from drought. Price of rice falling in places; the average is 12 seers. Fodder is sufficient.
	23	Bogra Sherpur Naukhilla	„ 20, '92	0·31 0·33 0·29	Rain fell on the 15th instant. It has since been fine and dry, with rather high westerly winds. Mustard has been cut, with an average outturn of 12 annas. State and prospects of other *rabi* crops are good, and sugarcane has been generally very productive. The rain has done much good to the grass, and in helping ploughing for *aus* rice, jute, &c.; and fodder and water are sufficient. Common rice selling on the average at 13 seers a rupee.
	24	Pabna	„ 20, '92	0·06	Weather—cool and at first cloudy. The rain did some good, but was not heavy enough. *Rabi* prospects accordingly poor. Sugarcane yielding 12 annas. Common rice sells at 13 seers per rupee. Fodder and water sufficient.
	25	Darjeeling	„ 20, 92	1·92	Weather—very cold. In the hills wheat and barley are ripening. *Tori* and *fafar* are being cut. In the Terai harvesting of mustard finished. Recent rain has done good to *rabi* crops and has helped ploughing operations. Fodder improved by rain. Water-supply sufficient. No disease among cattle.
	26	Jalpaiguri	„ 20, '92	0·56	Weather—seasonable. Ploughing still continues for *bhadoi* crop. The recent rain has improved prospects of tobacco. More rain wanted. Common rice sells at from 8 to 10 seers per rupee. No cattle disease. Fodder and water-supply sufficient.
BEHAR.					
BHAGULPORE DIVN.	27	Monghyr Jamui	„ 20, '92 ...	0·17 0·40	Weather—drizzling at the commencement of the week; now fair. Prospects of *rabi* crops continue unsatisfactory. Prices are— Srs. Rice ... 12½; Wheat ... 12; Janera ... 18; Gram ... 19 } per rupee. Lack of fodder in Nowadi (Jamui). No report received from Begusarai.
	28	Bhágalpur	„ 20, '92	0·19	A little rain fell everywhere on the 15th. It has been cooler since, but west winds are now beginning. The rain has done a little good to the backward *rabi*, otherwise prospects are unchanged. Mangoes promise well. Common rice—old 10 seers 11 chitaks, new 12 seers 10 chitaks.
	29	Purnea Kishanganj Araria	„ 20, '92	0·08 0·10 0·11	Weather—cloudy with slight rain at the beginning of the week, gradually becoming warm accompanied by west wind since. Harvesting of mustard almost finished. Harvesting of tobacco and cutting of sugarcane going on. In Sadar subdivision *rabi* crops are drying up for want of rain. In Kishanganj they are also suffering for the same reason. In Araria they are reported to have benefited slightly by the recent rainfall, but more rain is still wanted there. In Araria prices show a slight tendency to fall. At Sadar and at Kishenganj coarse rice sells at 11 to 13 seers and 11 seers per rupee respectively. Fodder and water for cattle plentiful. No cattle-disease.
	30	Malda Chanchal Shibganj Gajol	„ 20, '92	0·70 0·18 0·64 0·50	Weather—cloudy in the beginning of the week; bright and fine latterly. Transplantation of *boro* paddy continues. Recent rain has benefited the *rabi* crops. Prospects favourable. Condition of cattle good. Fodder and water-supply sufficient. Common rice selling at an average of 12½ seers per rupee.
	31	Sonthal Parganas	„ 20, 92	1·04	Weather—clear and cool. Rainy at the beginning of week, but drier now. State of *rabi* crop not good. About 6 or 8 annas outturn may be expected. The little *rabi* that is still standing, especially wheat and barley, has been improved by the rain. Linseed is being gathered. Sugarcane has been cut. Supply of fodder is still good, and that of water sufficient. Price of common rice varies from 11 seers per rupee in Rajmahal to 15 seers per rupee in Pakour.

Division	No.	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BEHAR—concld.					
PATNA DIVISION.	32	Patna Barh Dinapur Bihar	Feb. 20, '92	1·21 0·25 0·68 0·30	Weather—getting warm. *Rabi* is being harvested in places. The weather has settled fine after the last rainfall, consequently no damage has been done to the crop. Poppy is doing well. Prices of food-grains showing a tendency to fall.
	33	Gaya Jahanabad Nawáda Aurungabad	" 20, '92	0·22 0·11 0·44 0·44	Weather—cloudy and rainy in the beginning of the week, fair in the end. Harvesting of gram, peas and mustard going on. Rain in some places has done some damage, while in others it has done good to green crops sown late. Prices stationary. Supply of fodder and water sufficient.
	34	Shahabad Buxar Bhabhua Sasarám	" 20, '92	1·17 1·19 1·43 0·67	Heat increasing daily. Sky clear. Westerly wind blowing. Harvesting of peas and *masur* in progress. *Rabi* crops favourable. Opium continues to be collected. In one part of Buxar subdivision *rabi* reported to have been damaged to a certain extent by hail. Sugarcane pressing still in progress. Prices still rising slowly in some places. Fodder and water sufficient.
	35	Darbhanga Madhubani Somastipur	" 20, '92	0·86 0·81 0·47	Weather—seasonable. Rain on Monday (15th) beneficial to wheat, barley and gram. It would permit of *china* and *mung* being sown and will benefit indigo lands greatly. Sugarcane pressing still going on. Prices almost stationary. Fodder and water for cattle sufficient, although many tanks are dry.
	36	Muzaffarpur Hajipur Sitamarhi	" 20, '92	0·14 1·08 0·23	Weather—cold and cloudy, but latterly sunny and seasonable. The rain was pretty generally distributed almost all over the district. It will benefit the indigo sowings and the latest sown *rabi* crops. *Rahar* has fortunately not suffered from it being well in pod by the time. It has, however, done some injury to the mango blossoms and also to more advanced wheat and tobacco. Condition of poppy has improved slightly after the rainfall in unirrigated tracts. Prices show a tendency still to a slight rise. No unusual sign of distress and none as yet reported. Fodder and water for cattle sufficient. Cattle in good condition.
	37	Saran Siwán Gopalganj	" 20, '92	0·92 0·86 0·12	Heavy rain on Sunday (14th), fine and clear weather with west wind since that date. Rain is rather late, but may do good. It has not damaged anything. Poppy and indigo prospects excellent. Prices of common rice:— Srs. Ch. Chapra ... ... 13 0 } Siwán ... ... 13 4 } per rupee. Gopalganj ... ... 13 13 }
	38	Champaran	" 20, '92	Nil	Weather—nights fairly cool, days getting hot. *Rabi* crops ripening. Poppy doing fairly well in the Bettiah subdivision, but the reports from the Opium staff and khatadars of the Sadar subdivision are not altogether satisfactory. Fields are being prepared for *bhadoi* and *aghani*. Fodder and water sufficient.
ORISSA.					
ORISSA DIVN.	39	Cuttack	...	...	Report not received.
	40	Puri Khurda Banpur	" 18, '92	Nil Nil 0·45	Weather—seasonable. Harvesting of *sarad* paddy crop over. Land being ploughed in places for next *sarad* crop. *Dalua* paddy growing well. Miscellaneous crops thriving. Common rice sells at from 13 to 19 seers per rupee.
	41	Balasore	" 20, '92	0·37	Weather—seasonable. Sugarcane is being pressed. *Dalua* rice doing well. Rice sells at 17 seers per rupee at Balasore and 18 seers at Bhadrak.
CHOTA NAGPORE.					
South-West Frontier Agency.					
CHOTA NAGPORE DIVN.	42	Hazaribagh Giridih	Feb. 20, '92 ...	0·96 1·45	Weather—getting less cold, and cloudy at intervals. Rain has done good to *rabi*. Poppy doing well. Common rice sells at from 11 to 14 seers per rupee. Cattle-disease reported from certain stations. Water and fodder supply sufficient, except at Chatra, where fodder is reported to be scanty.
	43	Lohardaga	" 20, '92	1·31	Weather—cloudy. Ploughing of land commenced. Reaping of oil-seeds completed. Mango prospects good. Common rice selling at 13 seers per rupee. Fodder and water sufficient.
	44	Palámau	" 20, '92	0·24	Weather—cloudy and cold mornings. The little rain that has fallen has done much good to the *rabi* crops. Mango and sugarcane doing well. Fodder and water-supply yet sufficient. Rice selling at 14½ seers per rupee.
	45	Singhbhum	" 20, '92	1·18	Weather—seasonable. The rainfall has been general throughout the district, and has not only benefited the standing crops, but has also enabled lands to be ploughed for the *gora* paddy crop. Mustard, gram, *til*, *rahar*, cotton and wheat are being harvested; 10 to 14 annas outturn expected. Price of common rice from 14 to 24 seers per rupee at Chaibassa; it sold at 17 seers per rupee at the last hât. No deficiency of water or fodder.
	46	Manbhum Gobindpur	" 20, '92 ...	0·98 0·95	Weather—seasonable. Sugarcane is being pressed; outturn 12 annas expected. Rice selling at 15 seers per rupee. There was some rain of late, but more is wanted. Fodder and water-supply still not insufficient.

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 23rd February, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the

Division	Number.	DISTRICTS.	QUANTITIES PER RUPEE IN														
			WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLUM. (*Sorghum Vulgare.*)		
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
BENGAL.			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
BURDWAN DIVISION.	1	Burdwan ...	11 8	12 0	12 6	...	...	...	11 10	12 0	15 0	13 14	14 1	17 13	...	...	...
	2	Bankura ...	11 8	11 8	14 0	16 0	16 0	16 0	12 8	12 8	18 8	16 0	16 0	20 8	...	...	...
	3	Birbhum ...	12 8	12 8	16 8	...	...	...	13 0	13 0	13 8	15 0	15 0	18 0	...	...	...
	4	Midnapore ...	11 0	11 0	10 8	...	...	...	12 0	12 0	15 0	14 0	16 0	20 0	...	...	...
	5	Hooghly ...	13 0	13 0	13 0	...	...	...	8 0	8 0	8 0	13 0	13 0	13 0	...	...	...
	6	Howrah ...	...	...	...	...	...	...	10 0	10 0	11 4	13 0	13 4	15 4	...	...	...
PRESIDENCY DIVISION.		Calcutta ..	11 13	10 13	11 10	17 3	18 5	17 10	8 3	8 10	9 14	11 14	12 3	14 8	15 5	15 14	17 1
	7	24-Parganas ...	10 0	10 0	10 12	18 0	18 0	13 0	8 0	8 0	8 0	13 8	13 8	16 0	...	...	...
	8	Nadia ...	12 3	12 9	14 0	22 14	22 14	21 5½	10 13½	10 5½	14 8	12 13	12 9	16 0	...	...	...
	9	Khulna ...	...	...	...	...	...	...	12 3	14 0	15 0	14 8	16 0	17 0	...	...	...
	10	Jessore ...	10 0	10 0	12 8	...	...	...	13 0	13 0	12 0	15 0	15 0	16 0	...	...	...
	11	Murshidabad ..	12 0	10 0	15 0	...	...	...	10 0	10 0	10 0	14 0	13 4	15 0	...	...	...
CHITTAGONG DIVISION.	12	Chittagong ...	10 0	9 12	12 0	...	...	...	10 0	9 0	12 0	13 0	13 0	16 13½	...	...	...
	13	Noakhali ...	...	...	...	...	...	...	12 0	13 0	16 0	13 0	14 0	17 0	...	...	...
	14	Tippera ...	10 0	10 0	11 7	...	...	..	10 0	10 0	11 7	13 5⅓	13 5⅓	17 12½	...	...	...
	15	Chittagong Hill Tracts.	...	...	...	...	...	...	10 0	10 0	11 6¾	11 6¾	10 11¼	13 5¼	...	...	...
DACCA DIVISION.	16	Dacca ...	10 8	10 8	12 0	24 0	29 0	14 0	12 0	12 0	15 0	13 0	15 0	17 0	...	...	...
	17	Faridpur ...	12 0	12 0	12 0	18 0	16 0	14 0	10 0	10 0	12 0	14 0	14 8	16 0	...	...	...
	18	Backergunge ...	...	...	...	...	...	...	(now.) 11 4	11 10	14 4	(now.) 12 12	14 0	16 4	...	...	...
	19	Mymensingh ...	9 0	9 0	10 0	...	...	...	11 0	10 8	11 0	14 2	14 0	16 8	...	...	...
RAJSHAHI DIVISION.	20	Dinajpur ...	10 8	10 10	12 0	17 8	17 0	16 0	9 9	9 9½	15 8	13 3	12 0	18 0	...	...	...
	21	Rajshahi ...	9 12	9 12	12 0	26 4	26 4	24 0	11 4	11 4	13 8	12 0	13 12	15 15	...	...	...
	22	Rangpur ..	9 0	8 0	13 0	...	...	...	9 0	9 0	9 6	10 10	11 8	14 8	...	...	...

A In subdivisions retail prices of salt per rupee are :—Kalna 10 seers, Katwa 12 seers, and Raniganj 10 seers.
B At Vishenpur retail price of salt, 10 seers per rupee.
C At Rampur Hât retail price of salt, 10½ seers per rupee.
D In subdivisions retail prices of salt per rupee are :—Contai 10 seers, Tamluk 10½ seers.
E In subdivisions retail prices of salt per rupee are :—Serampore (at Bhudressur) 12¼ seers and Jehanabad 11 seers 7 chitaks.
F At Ulubaria retail price of salt, 10½ seers per rupee.
G In subdivisions retail prices of salt per rupee are :—Baraset 10 seers 10 chitaks, Basirhat (at Baduria) 10¼ seers, Diamond Harbour (at Magrahat) 10 seers 10 chitaks, Barrackpore 9 seers 2 chitaks, and Dum-Dum 10 seers.
H In subdivisions retail prices of salt per rupee are :—Kushtia 10½ seers, Meherpur 9½ seers, Chuadanga 10 seers, and Ranaghat 10 seers.
I In subdivisions retail prices of salt per rupee are :—Satkhira 10½ seers and Bágirhat 8 seers.

...EERS OF 80 TOLAHS.

Bajra or Cumbu. (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.	Marua or Ragi. (*Eleusine Corocana.*) Present return.	Next preceding return.	Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
15 2	15 1	12 11	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
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...	...	...	...	...	...
...	...	...	...	...	...

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...f the Districts of Bengal on the 15th February, 1892.

Firewood. Present return.	Firewood. Next preceding return.	Firewood. Corresponding return of last year.	Salt. Present return.	Salt. Next preceding return.	Salt. Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Next preceding return.	Corresponding return of last year.	Districts.	Number.
Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	BENGAL.	
0	100 0	100 0	11 4 (A)	11 4	10 11	3 6 8	3 6 0	3 8 3	Burdwan.	1
0	240 0	280 0	11 2 (B)	11 2	10 10	3 9 6	3 9 6	3 10 0	Bankura.	2
0	200 0	160 0	10 8 (C)	10 8	10 8	3 10 0	3 10 0	3 12 0	Birbhum.	3
0	120 0	120 0	11 8 (D)	11 8	10 8	3 8 0	3 8 0	3 13 0	Midnapore.	4
0	120 0	120 0	10 0 (E)	10 0	10 0	3 12 0	3 12 0	3 9 0	Hooghly.	5
0	100 0	100 0	10 8 (F)	10 8	10 8	3 6 0	3 9 6	3 8 6	Howrah.	6
									Burdwan Division.	
0	95 0	95 0	11 6	11 6	10 12	3 4 0	3 4 2	3 6 11	Calcutta.	
0	100 0	100 0	11 0 (G)	11 0	10 12	3 4 6	3 4 0	3 6 0	24-Parganas.	7
..	...	...	10 10½ (H)	10 8½	9 13	3 9 0	3 9 0	3 12 0	Nadia.	8
0	160 0	160 0	10 0 (I)	10 0	9 0	3 12 0	3 12 0	4 0 0	Khulna.	9
0	160 0	160 0	9 2 (J)	9 2	9 2	3 10 0	3 10 0	3 14 0	Jessore.	10
0	200 0	200 0	10 8 (K)	11 12	11 0	3 12 0	3 8 0	3 10 0	Murshidabad.	11
									Presidency Division.	
0	110 0	110 0	11 0	11 0	10 0	3 8 0	3 8 0	3 14 0	Chittagong.	12
..	...	...	10 0 (L)	10 0	9 0	3 12 0	3 12 0	4 0 0	Noakhali.	13
..	...	...	10 0 (M)	10 0	10 0	3 12 0	3 12 0	4 0 0	Tippera.	14
0	240 0	320 0	8 0	8 0	8 0	4 8 0	4 8 0	4 8 0	Chittagong Hill Tracts.	15
									Chittagong Division.	
0	120 0	120 0	10 0	10 8	9 12	3 8 0	3 9 0	4 0 0	Dacca.	16
..	...	120 0	10 8 (N)	10 0	10 0	3 12 0	4 0 0	4 0 0	Faridpur.	17
0	80 0	120 0	10 0 (O)	10 8	10 0	3 10 0	3 10 0	3 12 0	Backergunge.	18
..	...	..	10 8 (P)	10 8	10 0	3 10 0	3 10 0	3 14 0	Mymensingh.	19
									Dacca Division.	
0	160 0	160 0	10 4 (Q)	10 4	10 0	3 14 0	3 14 0	4 0 0	Dinajpur.	20
0	240 0	240 0	9 9 (R)	9 9	9 9	3 10 8	3 10 8	3 13 4	Rajshahi.	21
0	100 0	100 0	9 0 (S)	8 0	9 6	5 0 0	5 0 0	4 4 0	Rangpur.	22
									Rajshahi Division.	

...rupee are :—Jhenidah 10 seers, Magura 10 seers, Bangan 10½ seers.
...rupee are :—Jangipur 10½ seers, Kandi 10½ seers, and Lalbag 11 seers.
... 5 chittaks per rupee.
...rupee are :—Brahmanberia 10 seers and Chandpur 9 seers.
...rupee are :—Madaripur 11 seers and Goalundo 10 seers.
...rupee are :—Patuakhali 9 seers, Pirojpur 9 seers, and Bhola 8 seers.
...r rupee are :—Kishorganj 8 seers, Jamalpur 10 seers, Sherpur 8 seers, and Netrokon 8 seers.

Q At Thakurgaon retail price of salt, 8 seers per rupee.
R In subdivisions retail prices of salt per rupee are :—Nator 9 seers and Nowgong 9 seers 9 chitaks.
S In subdivisions retail prices of salt per rupee are :—Kurigaon 8 seers, Nilphamari 10 seers, and Gaibanda 10 seers.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the Head-quarter

Number.	Division	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Jowar or Cholum (*Sorghum Vulgare.*) Present return.	Jowar or Cholum Next preceding return.	Jowar or Cholum Corresponding return of last year.
			QUANTITIES PER RUPEE IN														
BENGAL—*continued.*			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
23	Rajshahi Division—*concld.*	Bogra ...	8 10	8 10	15 0	...	...	...	10 2	12 0	12 0	13 2	12 12	18 0	...	...	...
24		Pabna	12 0	12 12	17 10				7 2	7 2	7 8	13 8	13 2	17 0			...
25		Darjeeling	8 0	8 0	10 0	9 0	9 0	9 0	5 0	5 0	5 0	10 0	10 0	14 0	...	...	...
26		Jalpaiguri	10 0	10 0	13 0	14 0	14 0	16 0	7 0	7 0	8 0	11 8	10 0	17 0	..	..	...
BEHAR.																	
27	Bhagalpur Division.	Monghyr ...	13 10	13 10	12 9	21 0	22 1	18 14	9 7	9 7	11 0	12 9	12 9	16 12	17 13	17 13	...
28		Bhágalpur ...	12 10	12 10	13 6½	20 3	22 11	20 3	Old. 9 7 New. 11 6	Old. 9 7 New. 11 6	15 2	Old. 11 10 New. 12 10	Old. 10 11 New. 12 10	17 11	...	.	...
29		Purnea ...	11 0	11 0	16 0	16 0	25 0	...	10 0	10 0	16 0	11 0	11 0	19 0	.	...	...
30		Malda ...	11 8	11 0	10 8	..	.		10 0	8 0	11 0	12 0	12 0	17 8	...	...	...
31		Sonthal Pargns.	10 0	10 0	14 0	.	...		12 0	12 0	14 0	13 8	13 8	18 0	...	..	...
32	Patna Division.	Patna ..	Red. 13 8 White. 12 8	Red. 13 8 White. 12 0	Red. 15 0 White. 13 0	24 0	25 0	18 0	10 8	10 8	11 0	14 0	13 8	19 0	20 0	19 0	17 8
33		Gaya ...	12 8	12 8	13 0	22 8	22 8	19 0	10 8	10 8	10 8	13 0	13 0	17 8	...	...	...
34		Shahabad ..	12 8	12 8	12 12	22 0	22 0	17 0	8 0	8 0	9 0	13 0	13 0	16 4	...	...	17 0
35		Darbhanga ...	13 3	13 3	10 8	22 0	22 0	22 0	11 0	11 0	13 3	13 0	13 3	17 9	...	...	..
36		Muzaffarpur	12 0	12 0	13 0	22 8	22 0	20 0	New. 11 0	10 0	13 0	12 0	12 0	16 0	...	...	...
37		Saran ..	12 4	12 4	11 8	25 8	24 0	19 0	8 8	8 8	8 8	12 13	13 2	15 13	...	...	...
38		Champaran ...	10 4	10 12	15 0	20 0	20 0	27 0	8 8	9 0	10 0	13 8	13 4	17 0	.	...	...
ORISSA.																	
39	Orissa Division.	Cuttack ...	9 3	10 2	13 2	...	..	...	9 13	10 8	10 8	11 2	12 8	18 6	...	...	...
40		Puri ..	8 6	8 6	14 7	.	..	.	9 6	9 6	14 7	13 8	13 8	21 0	...	...	...
41		Balasore ...	11 0	11 0	15 0	10 0	10 0	13 0	13 0	13 0	13 0	17 0	15 0	21 0	..	...	...
CHOTA NAGPORE.																	
42	Chota Nagpore Division.	Hazáribágh .	11 8	11 8	12 0	14 0	16 0	20 0	8 0	8 0	10 0	13 8	13 8	17 0	...	...	...
43		Lohardaga ...	Red. 11 0 White. 8 2	Red. 12 0 White. 9 2	Red. 11 8 White. 7 8	14 0	13 0	20 0	11 4	11 8	14 0	Ordinary. 13 0 Coarse. 15 0	Ordinary. 13 8 Coarse. 15 0	Ordinary. 16 8 Coarse. 18 0	...	...	...
44		Palámau ...	12 6	12 6	15 12	...	16 14	23 10	13 9	13 8	12 6	13 13	14 1	17 7	...	...	...
45		Singhbhum ...	14 0	14 0	16 0	10 0	10 0	16 0	12 0	12 0	14 0	16 0	16 0	18 0	...	..	...
46		Manbhum	11 0	11 0	12 0	...	...		13 8	13 0	14 0	17 8	17 0	22 0	...	...	...

T At Sirajganj retail price of salt, 11½ seers per rupee.
U Retail price of salt at Kurseong and Siliguri, 8 seers per rupee.
V At Falakata in Alipore subdivision retail price of salt, 8½ seers per rupee.
W In subdivisions retail prices of salt per rupee are :—Bogusarai 9½ seers and Jamui 10 seers.
X In subdivisions retail prices of salt per rupee are :—Banka 10 seers, Mudehpura 10 seers.
Y In subdivisions retail prices of salt per rupee are :—Kishonganj 8 seers and Araria 10 seers.
Z In subdivisions retail prices of salt per rupee are :—Deoghur 10 seers 10 chittacks, Godda 9 seers, Jamtara 10 seers, Pakur 10½ seers, and Rajmehal 11 seers.
a In subdivisions retail prices of salt per rupee are :—Bihár 10 seers and Dinapore 10 seers.
b In subdivisions retail prices of salt per rupee are :—Buxar 10½ seers, Sasserám 10½ seers, and Bhabhua 10 seers.

CALCUTTA,
The 22nd February, 1892.

Station Bazars of the Districts of Bengal on the 15th February, 1892—(concluded).

Indian-corn or Maize (*Zea Mays.*) Present return.	Next preceding return.	Corresponding return of last year.	Arhar or Thur, Cadjan Pea. (*Cajanus Indicus.*) Present return.	Next preceding return.	Corresponding return of last year.	Firewood. Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Next preceding return.	Corresponding return of last year.	Districts.	Number.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
															BENGAL—*continued.*	
...	...	...	...	...	..	90 0	90 0	90 0	9 12	9 12	9 0	3 13 4	3 12 0	4 0 0	Bogra.	23
...	...	...	17 4	16 8	18 0	200 0	200 0	200 0	9 12 [T]	9 12	8 15	3 12 0	3 12 0	3 14 0	Pabna.	24
13 12	14 0	20 0	8 0	8 0	8 0	120 0	120 0	120 0	8 0 [U]	8 0	8 0	5 0 0	5 0 0	5 0 0	Darjeeling.	25
...	...	...	8 0	8 0	11 0	200 0	200 0	200 0	10 0 [V]	10 0	9 0	4 0 0	4 0 0	4 0 0	Jalpaiguri.	26
															Rajshahi Division—*concld.*	
															BEHAR	
21 0	20 7	18 14	16 4	15 12	12 9	168 0	168 0	168 0	10 8 [W]	10 8	10 8	3 11 0	3 9 3	3 10 9	Monghyr.	27
18 15	18 15	20 3	15 2	15 12	17 11	176 12	176 12	151 8	10 11 [X]	10 11	10 8	3 12 0	3 12 0	3 12 0	Bhágalpur	28
17 0	17 0	18 0	13 0	13 0	13 0	90 0	90 0	115 0	10 0 [Y]	10 0	9 0	4 0 0	4 0 0	4 3 6	Purnea.	29
...	...	...	...	...		120 0	120 0	120 0	10 0	9 0	9 0	3 12 0	3 14 0	4 0 0	Malda.	30
18 0	20 0	24 0	17 0	17 0	20 0	200 0	200 0	200 0	9 0 [Z]	9 0	9 0	4 0 0	4 0 0	4 0 0	Sonthal Pargn-.	31
															Bhágalpur Division.	
21 0	21 0	19 0	20 0	18 0	...	120 0	120 0	120 0	11 8 [a]	11 8	10 0	3 8 0	3 8 0	3 10 0	Patna.	32
...	...	...	17 8	17 8	19 0	140 0	140 0	160 0	10 0	10 0	10 0	3 14 0	3 14 0	4 2 0	Gaya.	33
20 0	20 0	...	16 0	14 0	16 0	160 0	160 0	160 0	10 0 [b]	10 0	10 8	4 0 0	4 0 0	3 12 0	Shahabad.	34
21 0	20 14	18 11	16 8	16 8	16 0	160 0	160 0	160 0	11 0 [c]	11 0	11 0	3 6 0	3 6 0	3 8 0	Darbhanga.	35
20 0	20 0	18 0	15 0	16 0	16 8	160 0	160 0	160 0	11 0 [d]	11 0	11 0	3 10 0	3 10 0	3 8 6	Muzaffarpur.	36
21 12	21 0	16 12	17 4	17 4	15 0	160 0	160 0	160 0	10 12 [e]	10 12	10 8	3 11 0	3 11 0	3 13 0	Saran.	37
20 4	20 4	19 0	14 4	14 0	16 0	160 0	160 0	160 0	10 8 [f]	10 8	10 0	3 12 0	3 12 0	3 13 0	Champaran.	38
															Patna Division.	
															ORISSA.	
...	...	...	15 12	15 12	18 6	80 0	80 0	80 0	11 0 [g]	11 0	11 0	3 12 0	3 12 0	3 12 0	Cuttack.	39
...	...	...	12 0	12 0	17 1	80 0	80 0	80 0	11 13 [h]	11 13	9 13	3 5 0	3 5 0	3 12 0	Puri.	40
...	...	...	...	...	...	140 0	140 0	160 0	10 8 [i]	10 8	10 0	3 14 0	3 14 0	3 14 0	Balasore.	41
															Orissa Division.	
															CHOTA NAGPORE.	
18 0	19 0	20 0	16 0	16 0	20 0	240 0	240 0	240 0	10 0 [j]	10 0	9 0	3 12 0	3 12 0	4 0 0	Hazáribágh.	42
18 0	20 0	25 0	Small. 18 8 Big. 14 8	Small. 19 0 Big. 14 0	Small. ... Big. 18 8	150	150 0	140 0	9 12	9 12	9 8	4 0 0	4 0 0	4 2 0	Lohardaga.	43
20 4	20 4	20 4	16 14	...	17 2	...	...	...	9 1	9 0	9 0	No wholesale of salt.			Palámau.	44
20 0	20 0	20 0	18 0	18 0	24 0	160 0	160 0	200 0	9 0	9 0	9 0	4 4 0	4 4 0	4 6 0	Singhbhum.	45
...	...	26 0	18 0	18 0	19 0	200 0	200 0	200 0	10 10 [k]	10 10	9 14	3 12 0	3 10 0	3 12 0	Manbhum.	46
															Chota Nagpore Division.	

c In subdivisions retail prices of salt per rupee are —Madhubani 11 seers and Samastipur 11 seers.
d At Sitamarhi retail price of salt, 10¼ seers per supee.
e In subdivisions retail prices of salt per rupee are :—Siwán 12 seers and Gopalganj 11 seers 6 chittacks.
f At Bettiah retail price of salt, 10 seers per rupee.
g In subdivisions retail prices of salt per rupee are :—Jajpur 8 seers, Kendrapara 9 seers, and Banki 12 seers
h At Khorda retail price of salt, 11 seers per rupee.
i At Bhadrack retail price of salt, 10 seers per rupee.
j At Giridi (Whitty Bazar) retail price of salt, 10½ seers per rupee.
k At Govindpur retail price of salt, 10½ seers per rupee.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARTS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 4 11	3 6 10	3 2 10	2 1 2	1 15 4	2 0 4	4 6 3	4 5 11	3 13 0	3 1 6	3 0 2	2 7 9
2	Serajganj ...	3 8 0	3 10 0	2 6 0	...	...	...	5 3 0	5 4 0	4 8 0	3 2 0	3 5 0	2 10 0
3	Dacca ...	3 12 0	3 12 0	3 4 0	1 8 0	1 6 0	2 12 0	3 4 0	3 5 0	2 10 0	3 1 0	2 10 0	2 4 0
4	Narayanganj	...	...	...	...	...	...	2 14 0	2 14 0	2 10 0	2 10 0	2 10 0	2 8 0
5	Chittagong	4 0 0	4 0 0	3 4 0	...	...	...	4 0 0	4 8	3 4 0	3 0 0	3 0 0	2 5 0
6	Patna ...	2 15 3 3 3 3	Red. 1 [illegible] 4 White. 3 5 4	2 10 8 3 1 8	1 10 0	1 9 6	2 3 0	3 12 9	3 2 11	3 8 0	2 13 8	2 15 4	2 1 0
7	Balasore ...	3 12 0	3 12 0	2 8 0	3 12 0	3 12 0	3 0 0	3 0 0	0 0	3 0 0	2 6 0	2 8 0	1 14 0
8	Puri ...	4 12 0	4 12 0	...	...	...	...	9 0	4 9 0	...	2 15 0	2 15 0	1 14 3
9	Cuttack ...	4 4 0	3 14 0	3 0 0	...	...	...	4 2 0	3 10 0	3 10 0	3 8 0	3 2 0	2 0 0

CALCUTTA,
The 22nd February, 1892.

the undermentioned Marts of Bengal on the 15th February, 1892.

PRICES PER MAUND

Jowar or Cholum. (Sorghum Vulgare) Present return.	Next preceding return	Corresponding return of last year.	Bajra or Cumbu (Penniseum typhoideum) Present return.	Next preceding return	Corresponding return of last year
R. A. P	R. A. P	R. A. P	R. A. P	R. A. P	R. A. P
2 5 8	2 4 1	2 1 5	2 6 0	2 6 7	2 14 6
..	.	.			..
	..	.		.	
.	.	..	.	.	..
..	...	..			
2 0 0	2 1 6	2 4 0	.		
		.			
	..				
..					
	...	.		...	

386a

Arhar or Thur Cadjan Pea. (Cajanus indicus.) Present return	Next preceding return.	Corresponding return of last year.	Firewood Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Marts.
. A. P.	R A. P	R. A. P	R. A. P	R. A. P	R A. P	R. A P.	R A P	R. A P.	
6 5	2 6 10	2 8 2	0 5 9	0 5 9	0 5 4	3 4 0	3 4 2	3 6 11	Calcutta.
	...	...	0 6 6	0 6 6	0 6 3	3 5 0	3 5 0	3 11 0	Serajganj
2 12 0	3 0 0	2 12 0	0 5 0	0 5 0	0 5 0	3 8 0	3 9 0	4 0 0	Dacca
3 8 0	3 8 0	3 12 0	0 8 0	0 8 0	0 8 0	3 8 0	3 8 0	3 10 0	Narayanganj.
.	...	...	0 5 0	0 5 0	0 5 4	3 8 0	3 8 0	3 14 0	Chittagong.
2 0 0	2 3 0		0 5 4	0 5 4	0 5 6	3 8 0	3 8 0	3 10 0	Patna.
	..	...	0 5 0	0 5 0	0 4 6	3 14 0	3 14 0	3 14 0	Balasore.
3 5 0	3 5 0	.	0 8 0	0 8 0	...	3 5 0	3 5 0	3 12 0	Puri.
2 8 0	2 8 0	2 0 0	0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 12 0	Cuttack.

lished for general information.

C. E. BUCKLAND,

Secretary to the Govt. of Bengal.

I.—Table showing the Monthly and Annual Rainfall at 258 Rainfall-recording Stations in Bengal for 1891.

District.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
ORISSA.														
Pooree	Pooree	—	0·54	3·47	—	3·72	1·03	3·50	14·26	13·97	1·00	15·91	—	57·40
	Khurdah	—	0·41	6·00	0·19	5·37	0·39	7·06	16·28	18·21	4·67	3·74	—	62·27
	Banpur	0·31	1·68	3·45	0·80	6·01	0·15	5·22	9·54	8·17	0·94	1·50	—	37·77
	False Point	—	2·21	1·96	—	2·03	2·59	14·00	17·41	18·58	1·19	11·10	—	71·67
	Gop	—	—	2·15	—	1·48	—			10·19		19·70	—	
	Satpara	0·04	1·09	2·97	—	5·97	2·24	1·25	8·91	13·05	0·62	3·95	—	40·09
	Pipli	—	0·24	3·44	—		0·40			17·55		6·98	—	
Cuttack	Jagatsingpore	—	0·20	5·89	—	5·03	—	6·95	15·12	20·49	—	12·47	—	66·15
	Banki	0·27	0·04	2·90	0·31	7·05	0·64	6·26	14·07	13·80	2·25	1·17	—	48·76
	Cuttack	—	0·60	5·64	—	5·37	2·14	10·53	19·99	30·95	1·81	4·87	—	81·90
	Kendrapara	0·05	3·23	3·59	—	3·62	1·32	10·35	17·27	23·94	0·72	16·12	—	80·31
	Jajpore	—	1·04	4·19	0·12	7·29	2·36	13·62	17·26	16·28	1·12	3·24	—	66·52
	Dharmsalla	—	1·37	3·20	0·67	3·11	1·74	14·43	17·71	17·90	3·20	5·30	—	68·63
	Salipore	—	—	2·50	—	4·41	3·44	8·67	20·04	18·84	1·83	8·20	—	67·93
	Arquapada	—	2·04	4·21	0·17	6·24	2·63	11·05	17·52	17·13	2·52	4·74	—	68·25
Balasore	Chandbali	—	3·41	3·86	0·52	4·68	2·33	8·29	15·03	24·11	0·52	10·53	—	73·28
	Bhuddruck	—	0·96	4·79	1·13	7·93	2·48	14·14	17·34	15·13	0·88	5·55	—	70·32
	Sorah	—	3·60	6·35	3·20	6·55	3·10	9·60	16·50	16·60	1·50	3·93	—	70·93
	Balasore	—	1·86	6·02	0·02	4·56	4·81	10·43	15·42	18·49	0·64	2·47	—	64·72
	Jellasore	—	2·15	4·52	0·03	3·50	7·80	8·33	12·37	20·80	1·00	0·84	—	61·32
	Baripodah	—	0·83	7·20	0·06	4·47	5·18	11·38	20·51	17·07	1·41	0·85	—	69·15
SOUTH-WEST BENGAL.														
Midnapore	Contai	—	3·54	3·79	0·14	2·42	4·88	11·97	14·34	13·73	—	2·40	—	57·30
	Saugor Island	—	2·54	2·89	—	1·51	10·06	19·89	21·67	14·33	0·21	4·29	—	76·79
	Tumlook	—	1·40	4·52	0·02	4·95	10·21	12·34	17·10	10·07	—	0·35	—	60·96
	Midnapore	—	0·47	8·63	—	6·71	4·57	8·13	21·09	10·30	0·48	0·18	—	60·56
	Ghattal	—	1·59	5·72	0·38	9·54	7·21	12·31	17·36	6·67	0·38	0·23	—	61·42
	Kukrahatty	—	0·82	2·76	0·14	3·31	6·18	6·67	14·54	10·73	—	0·31	—	45·46
	Garbetta	—	0·64	6·71	0·52	10·44	5·58	9·99	14·76	4·87	—	0·19	—	53·67
24-Pergunnahs.	Diamond Harbour	—	1·83	3·96	0·32	4·83	12·29	11·75	17·68	7·55	—	0·70	—	60·91
	Canning Town	—	2·88	3·72	0·07	3·28	7·77	8·20	11·47	8·53	0·02	2·34	—	49·18
	Alipore Jail	—	0·91	3·74	0·41	4·05	5·95	8·36	13·62	8·61	0·06	0·44	—	46·14
	Barrackpore	—	2·22	3·05	0·81	6·49	3·64	11·24	11·52	11·26	0·22	0·18	—	50·63
	Dum-Dum	—	0·80	3·89	0·75	3·72	3·51	9·09	12·82	11·74	0·10	0·40	—	46·82
	Baraset	—	2·54	2·75	1·11	6·32	6·47	11·84	12·92	5·56	0·25	0·21	—	49·97
	Busseerhat	—	1·17	2·79	3·83	3·38	10·82	9·03	9·89	7·26	—	1·28	—	49·44
Howrah	Howrah	—	1·06	3·14	0·61	4·36	6·67	7·03	10·74	7·61	0·06	0·29	—	41·57
	Mohesreka	—	1·70	3·33	0·23	9·55	4·22	8·02	12·10	5·44	—	0·41	—	44·98
	Oolooberiah									8·90	—	0·36	—	
Hooghly	Serampore	—	2·38	3·19	1·02	6·51	3·48	9·94	13·31	10·21	0·24	0·25	—	50·58
	Hooghly	—	0·95	2·36	0·25	7·76	5·32	10·62	10·10	8·16	—	0·34	—	45·85
	Jehanabad	—	0·53	5·39	0·40	8·73	5·47	10·96	12·26	7·10	0·02	0·30	—	51·16
Burdwan	Culna	0·15	1·70	6·35	2·79	11·59	2·71	12·82	12·72	6·52	—	0·34	—	57·69
	Burdwan	0·75	1·04	6·91	—	13·98	2·85	14·00	15·54	1·82	0·48	0·25	—	57·62
	Cutwa	0·46	3·22	5·36	0·65	8·47	8·56	12·70	7·86	3·26	0·60	0·98	—	52·12
	Raneegunge	1·47	1·78	6·73	0·22	11·14	6·08	9·08	13·45	4·60	1·85	0·28	—	56·68
	Mankur	0·06	1·53	4·72	0·23	10·08	5·54	11·30	18·24	3·32	0·40	0·70	—	57·38
Bankoora	Bankoora	0·06	1·34	3·36	—	10·40	4·90	10·48	13·68	5·50	1·14	0·69	—	51·61
	Bishenpore	—	4·76	3·31	1·17	9·49	6·92	12·13	17·92	5·22	—	0·37	—	61·29
	Maliara	0·90	0·65	3·59	0·10	10·62	9·76	11·65	14·25	2·57	0·55	0·47	—	55·11
	Khatra	—	0·38	6·62	0·10	9·66	3·58	10·12	12·57	7·04	2·93	0·50	—	53·45
	Indas	0·83	1·97	3·84	—	12·15	3·41	13·08	12·38	4·15	1·90	0·48	—	53·98
	Kotalpur	0·13	1·80	4·69	—	9·20	6·62	9·81	17·96	3·77	1·64	0·30	—	55·92
	Anda	—	1·90	1·13	0·48	7·35	1·43	4·26	20·80	9·23	0·11	0·41	—	47·10
	Gangajalghati	1·10	0·53	4·02	—	9·37	6·67	13·77	11·39	5·07	—	0·29	—	52·21
	Raipore	—	0·82	5·52	—	12·20	8·65	12·33	10·07	10·31	—	0·82	—	60·72
	Sonamukhi	0·98	2·02	3·95	0·22	13·27	6·83	11·09	17·24	2·69	—	0·51	—	59·70
Beerbhoom	Bh. Soory	0·05	0·42	6·09	0·49	8·50	5·60	12·82	14·35	6·36	1·02	1·43	—	58·03
	Hetampore	0·81	0·50	6·94	0·41	10·09	5·13	8·91	12·76	3·34	0·46	1.12	—	54·07
	Rampore Haut	0·82	0·36	5·62	0·43	8·40	1·87	12·29	8·92	4·89	2·87	1·74	—	48·21
	Bolpore	0·74	0·97	7·61	—	8·49	8·11	8·66	16·42	6·52	1·55	1·75	—	60·82
	Murarai	?	?	?	?	8·13	3·31	16·45	3·85	6·55	0·91	0·56	—	38·74
Nuddea	Ranaghat	—	1·65	6·30	1·25	14·21	2·58	9·40	11·05	5·31	0·30	0·53	—	52·72
	Kishnaghur	0·11	5·14	3·53	1·18	11·88	7·02	12·93	5·09	3·84	1·11	1·30	—	53·13
	Chooadanga	0·05	3·80	4·94	1·07	15·72	3·93	10·17	10·35	4·48	1·21	0·16	—	56·48
	Meherpore	0·12	1·57	6·42	1·82	11·62	7·21	11·70	6·25	2·27	0·55	0·33	—	49·88
	Kooshtea	—	1·71	6·57	2·08	14·50	6·19	7·99	7·05	3·47	0·60	1·00	—	51·18
Khoolna	Satkhira	—	1·42	2·43	2·96	7·77	7·16	15·33	8·04	6·67	0·31	3·13	—	55·22
	Bagirhat	—	2·54	5·40	1·45	6·51	11·30	16·44	8·48	5·23	0·84	2·44	—	60·72
	Khoolna	—	4·61	2·65	1·93	8·69	3·16	11·50	7·77	5·60	0·10	3·89	—	49·90
	Nakipur	—	2·14	5·17	0·67	4·45	10·57	15·80	8·03	7·38	0·23	2·82	—	57·35
	Rampal	—	4·10	3·72	1·37	4·09	6·06	9·91	10·72	6·80	0·70	1·80	—	50·17
Jessore	Narail	—	5·90	1·90	2·53	8·57	3·09	4·05	4·65	4·75	0·02	2·13	—	48·40
	Jessore	—	5·58	3·42	3·85	13·27	6·47	11·71	9·02	6·09	0·10	1·38	—	60·84
	Jhenidah	—	5·09	5·59	2·57	12·18	7·70	8·84	4·18	4·64	1·03	0·30	—	52·72
	Magoora	—	2·08	5·04	2·84	15·35	7·07	11·24	3·26	4·03	2·50	0·52	—	54·53
	Bongong	—	2·50	3·77	2·90	12·81	4·57	10·71	10·62	5·73	0·43	0·53	—	54·57
Moorshedabad.	Kandi	0·65	2·68	5·32	—	8·00	7·41	9·76	5·01	3·88	2·05	1·20	—	45·96
	Berhampore	0·71	1·43	3·06	0·22	12·20	4·20	9·77	5·30	6·65	0·56	1·06	—	46·06
	Lalbagh	0·48	0·63	3·65	0·22	11·93	6·84	11·27	3·45	9·41	0·84	0·76	—	49·43
	Azimgungo	0·70	1·05	3·60	0·37	10·73	4·58	9·98	4·00	5·19	1·94	1·30	—	43·53
	Jungipore	1·06	1·00	3·15	0·20	11·17	10·45	10·23	4·06	7·07	2·71	1·43	—	52·53
	Lalgola	0·75	1·15	5·00	0·25	11·58	9·35	13·59	3·80	5·82	2·10	1·60	—	54·99
	Akhrigunj	0·50	1·70	4·35	—	12·53	7·26	10·57	6·92	2·35	1·12	0·71	—	48·01
	Patkabari	0·30	0·55	5·85	1·90	11·65	12·05	6·65	6·75	2·15	1·15	0·40	—	49·40
EAST BENGAL.														
Chittagong	Cox's Bazar	—	—	0·95	3·23	8·50	9·39	50·55	24·21	8·68	3·52	1·19	0·04	110·36
	Chittagong	—	0·02	2·72	7·59	11·06	8·56	36·03	10·43	4·84	1·92	1·39	0·35	84·96
	Kutubdia	—	0·04	1·32	3·28	9·70	10·43	52·59	14·45	4·44	1·74	2·78	0·25	101·03
	Satkanya	—	—	0·25	5·52	9·37	8·56	54·83	14·10	7·81	2·59	2·96	0·03	106·94
Chittagong Hill Tracts.	Rangamati	—	0·32	1·47	4·00	12·80	12·43	34·73	11·46	5·81	2·02	2·16	—	77.60
	Sundarban	—	—	2·70	6·04	15·89	13·20	55·64	8·51	4·01	2·47	2·16	—	119·62
Backergunge	Patuakhally	—	3·85	4·60	4·33	8·75	12·31	17·89	14·71	10·94	1·48	0·78	—	79·06
	Perozepore	—	3·18	2·79	1·81	10·30	10·23	17·23	12·36	9·20	0·49	1·69	—	69·23
	Burrisal	—	5·55	2·90	1·89	7·60	6·37	19·38	8·29	11·24	0·75	2·16	—	66·07
	Bhola	—	5·47	4·29	1·90	12·44	6·90	15·50	9·07	7·27	0·35	0·38	—	62·57
	Gournaddi	—	7·35	3·77	2·83	9·60	8·19	11·78	10·90	11·03	0·77	3·35	—	69·58
	Bauphal	—	3·30	3·46	1·70	7·87	8·37	18·71	7·80	12·31	2·60	0·75	0·04	66·41

District.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
EAST BENGAL —*concluded.*														
NOAKHOLLY ...	Noakholly	—	3·23	2·83	3·94	14·63	15·37	19·73	12·47	7·54	3·14	0·84	0·06	88·78
	Fenny	—	2·96	4·75	6·30	16·13	10·62	27·05	8·31	3·90	2·45	1·44	—	83·91
	Harishpore	—	1·60	3·70	4·50	13·64	19·90	45·10	12·51	11·65	4·62	0·45	—	117·67
	Ramganj	—	3·88	5·14	2·93	13·53	10·77	13·61	11·76	5·36	3·99	1·28	—	72·25
FURREEDPORE	Madaripore	—	3·42	5·65	2·44	8·83	5·14	14·47	7·51	6·40	0·56	4·11	—	58·92
	Furreedpore	—	4·17	1·88	6·93	9·85	9·00	13·05	6·83	4·59	1·82	1·07	—	58·89
	Goalundo	—	3·74	4·80	2·11	11·33	9·40	7·16	3·19	2·91	0·50	0·50	—	45·64
DACCA ...	Munshigunge	—	2·55	2·94	6·76	14·96	10·09	10·21	9·33	5·92	0·41	3·70	—	66·87
	Dacca	—	3·51	1·77	5·05	17·12	15·18	12·24	8·33	5·35	0·18	1·96	—	70·69
	Naraingunge	—	3·64	2·03	6·52	16·84	12·44	11·47	13·41	7·51	1·46	3·34	—	78·66
	Manickgunge	—	3·74	3·75	6·11	11·62	14·77	7·43	6·05	3·71	0·84	0·82	—	58·94
	Joydebpore	—	4·80	3·06	4·41	14·49	12·63	10·43	9·53	4·36	5·21	1·95	—	71·17
HILL TIPPERAH	Agartola	—	3·70	1·40	11·10	16·60	22·30	11·00	5·00	6·10	2·31	5·10	—	84·60
TIPPERAH ...	Comillah	—	2·91	2·69	13·36	24·08	11·92	10·43	8·14	6·76	2·32	4·54	—	87·15
	Chandpore	—	3·50	2·49	3·27	13·91	9·20	10·65	13·31	8·00	—	4·45	—	68·78
	Brahmunberia	—	3·85	0·80	8·76	17·95	14·16	15·38	7·43	2·76	3·15	3·19	—	77·43
	Ramchandrapore	—	4·34	1·21	8·79	16·87	12·74	14·74	6·08	3·27	2·90	2·94	—	73·68
	Nasirnagar	—	1·30	1·30	4·65	11·63	5·60	3·57	1·04	9·50	1·39	1·55	—	41·44
	Daudkandi	—	1·57	1·81	4·50	21·14	9·70	7·90	7·99	4·65	—	3·17	—	62·73
	Kasba	—	0·17	0·50	2·60	?	?	12·96	6·85	4·44	1·91	0·07	—	35·56?
	Laksham	—	1·85	2·35	5·20	15·60	13·15	16·70	7·45	5·46	2·53	1·20	—	71·51
MYMENSINGH	Kishoregunge	—	3·71	1·90	4·98	23·16	26·96	15·43	13·67	6·21	3·49	1·67	—	101·18
	Atia (*Tangail*)	—	2·54	4·05	3·20	13·79	13·24	6·24	4·05	3·53	0·41	0·63	—	51·68
	Mymensingh	0·06	4·23	2·09	3·79	18·40	14·11	10·79	12·15	4·20	3·49	2·38	—	75·77
	Jamalpore	0·16	3·25	1·96	3·40	13·98	11·49	14·68	15·05	3·35	2·29	1·90	—	71·51
	Netrokona	—	3·36	2·67	5·75	17·25	32·39	14·79	14·75	6·00	3·76	1·71	—	102·43
	Subornakhally	—	3·12	2·65	1·34	10·84	8·07	8·85	10·11	3·20	1·10	1·10	—	50·98
	Durgapore	—	1·70	1·34	5·15	16·11	21·84	27·25	14·27	7·34	4·67	?	—	99·67
	Sherepore Town	0·13	3·98	1·73	2·62	13·12	10·53	23·13	15·51	3·56	1·28	2·08	—	77·67
	Dewanganj	0·32	2·69	3·10	2·01	21·05	20·47	14·41	11·86	3·73	4·57	1·84	—	86·71
NORTH BENGAL.														
PUBNA ...	Pubna	—	2·14	4·13	2·18	12·24	5·09	6·58	4·24	2·44	1·03	0·99	—	41·06
	Serajgunge	0·17	2·37	2·23	4·29	9·15	13·43	9·28	7·61	4·16	3·52	1·06	—	57·30
BOGRA ...	Sherepore	0·12	2·65	2·08	2·08	11·84	6·15	6·19	4·45	6·01	2·65	1·79	—	46·01
	Nowkhilla	0·04	3·24	2·48	2·28	13·65	11·38	7·88	5·32	3·60	1·95	2·07	—	54·55
	Bogra	0·52	4·80	3·43	0·36	9·52	8·82	9·86	6·01	3·21	1·00	3·60	—	51·22
	Panchbibi	0·36	4·37	1·78	0·74	12·43	7·52	12·42	8·46	4·42	2·46	0·30	—	55·26
RAJSHAHYE ...	Beauleah	0·60	0·81	4·08	0·18	10·82	6·33	15·75	5·03	2·37	2·07	0·31	—	49·85
	Nattore	0·64	0·83	6·29	1·20	17·39	8·27	12·64	13·11	3·95	1·70	1·44	—	67·46
	Naogaon	0·61	2·34	2·74	1·14	8·51	4·81	11·73	3·94	5·06	0·45	1·90	—	43·83
	Lalpore	—	1·70	5·13	2·41	7·70	0·51	8·49	10·38	3·27	1·29	1·07	—	47·95
	Manda	—	0·10	1·60	0·12	7·53	7·02	7·60	2·92	5·26	0·08	1·00	—	34·13
MALDAH ...	Maldah	1·08	1·55	3·80	0·44	9·03	6·33	12·06	3·40	5·63	1·15	0·26	—	44·73
	Chanchal	0·40	1·24	1·86	0·22	3·24	5·97	11·68	3·00	3·62	0·82	0·02	—	32·08
	Gajol	0·42	0·71	1·80	—	4·74	6·69	22·48	3·77	8·74	2·42	0·15	—	51·90
	Sibgunj	1·23	0·88	1·65	—	11·92	6·52	15·98	5·00	3·72	2·57	0·93	—	50·46
DINAGEPORE ...	Mohadebpore	0·73	2·07	3·72	1·62	4·66	3·36	12·51	4·58	4·01	0·97	0·70	—	38·93
	Churamon	0·70	1·81	2·42	0·08	7·72	4·31	20·38	4·63	6·66	1·44	0·08	—	50·23
	Raigunge	0·54	0·60	2·35	0·44	8·40	11·45	26·06	5·08	6·02	0·80	—	—	61·74
	Dinagepore	0·52	1·36	2·48	0·30	12·73	3·96	20·08	3·08	2·04	0·02	—	—	47·17
	Baloorghat	0·25	3·62	1·56	6·64	6·86	8·32	14·94	6·02	2·35	1·89	0·17	—	46·52
	Thakoorgaon	0·28	2·24	3·30	2·01	11·03	12·00	28·03	5·63	4·21	1·38	—	—	70·06
RUNGPORE ...	Bhawanigunge (*Gyabanda*).	—	4·10	2·00	1·35	15·70	7·08	19·16	5·75	3·74	3·64	0·40	—	62·48
	Rungpore	0·37	1·50	1·84	1·72	18·34	11·28	20·54	4·16	5·27	10·46	0·09	—	75·57
	Kurigram	0·21	2·28	2·50	2·98	16·87	10·74	19·83	2·58	2·28	4·34	0·06	—	64·75
	Bagdogra (*Nilphamari*) ...	0·73	1·45	3·68	1·63	12·38	7·87	26·35	3·34	1·70	0·19	—	—	59·32
	Ulipore	0·26	1·61	1·32	1·94	23·61	5·14	19·97	2·05	4·98	8·05	—	—	68·93
JULPIGOREE ...	Julpigoree	0·05	0·07	2·39	2·40	12·66	9·67	18·84	11·79	7·45	1·48	—	—	67·70
	Alipore Dooar	0·14	1·47	2·35	3·83	14·90	12·90	29·28	9·37	11·40	2·40	—	—	88·15
	Fallacatta	?	?	?	4·90	10·11	11·16	18·55	17·80	9·56	1·10	—	—	73·48?
	Debigunj	0·22	2·49	3·01	3·35	10·56	4·75	38·24	5·74	3·82	2·85	—	—	75·03
	Bhagatpore (*Nagrakatta*)	0·10	0·45	2·69	4·18	15·89	14·91	20·90	21·79	14·16	6·64	0·06	—	102·66
COOCH BEHAR	Dinhatta	0·28	2·49	3·15	5·28	13·57	16·99	23·08	8·56	5·55	0·97	—	—	79·92
	Cooch Behar	0·18	1·89	2·67	4·84	15·93	20·23	27·25	8·02	10·87	1·76	—	—	93·64
	Mickligunge	0·20	1·85	2·72	3·07	15·74	16·12	22·32	15·34	8·23	2·47	—	—	88·06
	Matabhanga	0·17	1·51	2·84	3·55	16·97	19·05	23·93	10·57	12·80	0·80	—	—	92·49
DARJEELING HILL.	Buxa	0·41	1·03	3·21	6·33	18·88	25·98	28·55	20·35	25·35	5·17	0·45	—	135·51
	Siliguri	0·23	0·88	2·74	0·83	10·16	10·93	17·85	11·89	15·82	1·45	—	—	72·78
	Darjeeling	0·67	0·74	3·47	0·97	16·69	14·47	27·11	22·27	5·74	0·88	0·01	—	93·02
	Kalimpong	0·74	0·80	2·78	0·77	10·85	6·63	20·19	10·27	8·73	0·80	—	—	63·88
	Kurseong	0·83	8·07	3·65	0·17	16·51	17·63	27·78	24·46	20·09	1·94	—	—	122·13
NORTH BEHAR.														
PURNEAH ...	Kissengunge	0·41	1·38	2·39	0·80	13·64	4·33	16·71	6·90	5·71	0·11	—	—	52·38
	Arrareah	0·61	0·89	1·59	1·53	12·60	7·17	11·22	7·39	5·42	1·62	—	—	50·14
	Purneah	0·56	2·46	2·12	0·08	9·33	5·94	8·97	3·78	6·20	0·98	—	—	40·42
	Gondwara	0·60		3·54	—		4·22				1·62	—	—	—
	Balarampore	0·43	0·66	2·00	—	7·37	5·31	7·57	0·43?	2·68	—	—	—	26·45?
	Mattari	0·40	0·80	?	0·67	6·22	3·45	6·04	8·79	3·34	0·30	—	—	30·01
	Kaliaganj	0·41	1·74	1·50	0·99	8·68	9·83	15·85	15·70	5·00	0·55	—	—	60·25
NORTH BHAGULPORE.	Maddapore	0·85	3·95	2·65	0·05	6·88	4·60	9·82	6·71	1·63	0·81	—	—	37·95
	Soopool	0·84	1·58	2·10	0·10	5·62	5·39	5·52	5·66	2·84	1·62	—	—	31·27
	Protabganj	0·45	0·35	2·30	0·40	9·38	6·87	10·65	4·80	7·79	0·33	—	—	43·41
DURBHUNGA ...	Tajpore	1·32	0·23	2·02	—	3·53	11·49	18·68	7·28	2·12	0·17	—	—	46·84
	Durbhunga	1·07	0·94	2·12	—	3·46	5·55	10·46	14·71	3·31	1·02	—	—	42·84
	Madhubani	1·20	1·03	2·63	—	5·66	6·20	7·97	9·30	1·20	1·39	—	—	36·93
	Bahera	1·03	1·20	3·91	—	4·61	5·74	11·82	6·04	3·98	0·32	—	—	38·88
	Roshera	1·50	0·28	1·92	—	1·30	3·61	5·85	7·67	0·95	0·50	—	—	23·58
MOSUFFERPORE.	Sitamarhi	1·03	1·10	1·90	—	6·09	10·40	13·27	8·74	2·12	2·44	—	—	53·09
	Mozufferpore	1·45	0·25	1·84	—	2·12	6·83	12·07	7·33	0·90	0·23	—	—	33·03
	Hajipore	1·76	0·24	4·31	—	1·57	10·76	8·05	3·99	3·55	0·59	—	—	34·82
	Para	0·80	—	2·10	—	1·85	?	10·08	8·34	2·80	0·50	—	—	27·07?
	Mahua	1·50	0·24	2·45	—	1·92	5·93	16·01	18·47	1·37	0·13	—	—	48·62
	Siukar	1·10	0·95	1·58	—	1·95	5·35	11·21	7·13	—	2·16	—	—	31·43
	Pupri	0·23	1·00	2·31	—	3·79	5·09	13·79	6·40	0·93	0·21	—	—	33·84
CHUMPARUN ...	Motihari	1·15	0·92	3·09	—	6·79	8·78	9·96	13·60	4·16	2·98	—	—	52·43
	Bettiah	0·92	0·28	2·74	—	5·97	7·20	9·60	4·89	3·50	3·39	—	—	37·58
	Bagaha	1·17	0·61	3·56	—	4·04	20·43	14·57	12·03	5·07	9·00	—	—	70·48
	Burhurwa	1·03	0·23	2·12	0·02	2·78	10·73	8·71	4·48	5·70	2·10	—	—	37·90

DISTRICT.	STATION.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
NORTH BEHAR—*concld.*														
SARUN ...	Gopalgunge	1·20	0·31	1·99	—	2·18	11·65	10·90	5·02	8·81	1·87	—	—	38·06
	Sewan	1·30	0·19	1·63	—	1·42	18·38	3·21	8·47	6·46	0·79	—	—	36·84
	Chuprah	1·34	0·21	2·57	—	1·16	4·63	7·14	6·56	2·88	0·38	—	—	26·87
SOUTH BEHAR.														
SHAHABAD ...	Buxar	1·22	0·22	1·50	—	0·28	2·23	2·47	8·13	5·05	1·20	—	—	23·30
	Dehree	1·42	0·30	2·26	0·03	0·39	4·47	4·34	13·00	4·76	0·50	—	—	32·07
	Bhuboosh	1·50	0·84	0·74	0·01	0·35	1·14	5·56	16·61	5·54	0·46	—	—	32·75
	Susseram	1·40	0·31	1·36	0·26	2·26	2·51	2·32	10·35	5·27	0·77	—	—	26·90
	Arrah	2·40	0·25	3·06	—	1·35	7·26	5·15	5·91	6·40	1·21	—	—	32·99
	Mohaniah													
GYA ...	Aurungabad	1·38	0·28	2·79	0·13	1·35	8·88	5·79	10·27	2·65	0·36	—	—	28·88
	Gya	1·76	0·42	2·45	—	0·29	6·35	7·40	12·21	4·24	1·81	—	—	36·93
	Nowadah	0·98	0·92	2·99	0·06	3·19	6·56	11·57	11·54	4·20	0·40	—	—	42·41
	Jehanabad	1·96	0·65	1·70	—	0·06	5·62	12·42	4·67	1·85	1·99	—	—	31·01
	Arwal	2·75	0·90	1·94	—	0·58	3·10	6·65	8·91	4·10	2·10	—	—	31·12
	Daudnagar	1·95	0·75	1·50	—	1·05	1·65	2·85	6·67	2·41	0·32	—	—	19·15
	Sherrghati	1·10	—	3·00	—	0·31	4·97	3·92	8·01	2·75	1·63	—	—	25·69
	Rajauli	1·02	1·39	3·61	—	4·90	6·70	11·06	11·84	7·14	0·86	—	—	48·52
	Pakri Barawan	1·10	0·60	2·22	—	2·10	4·30	8·22	7·80	1·93	1·13	—	—	29·40
PATNA ...	Patna	2·24	0·26	2·69	—	2·03	10·57	7·23	5·77	3·45	1·72	—	—	36·00
	Dinapore	1·91	0·50	5·06	—	3·59	12·70	6·21	6·08	8·20	0·40	—	—	44·63
	Behar	2·00	0·34	2·12	0·14	3·85	4·56	15·98	7·78	4·41	1·16	—	—	42·34
	Barrh	1·50	0·30	1·90	—	3·76	10·02	13·45	9·40	3·40	0·50	—	—	44·23
	Bickram	1·45	—	2·78	0·48	1·75	8·62	5·92	5·94	4·04	2·37	—	—	33·35
	Hilsa	1·66	0·19	2·48	0·49	2·55	12·96	8·74	?	1·94	?	—	—	31·01?
MONGHYR ...	Beegooserai	1·25	0·29	2·81	—	2·42	6·41	10·66	8·95	1·86	1·71	—	—	36·36
	Monghyr	1·04	0·64	3·53	0·20	7·56	4·65	12·94	9·03	3·02	4·26	—	—	46·86
	Jamui	1·18	2·19	1·96	—	1·87	7·40	12·10	10·61	2·40	0·90	—	—	40·61
	Gogri	2·33	1·27	4·70	—	11·02	6·52	11·59	14·99	2·73	2·87	—	—	58·03
	Sheikpura	1·40	—	1·89	—	4·73	6·72	9·90	11·90	1·35	0·50	—	—	38·48
SOUTH BHAGULPORE.	Bhagulpore	0·91	1·21	3·07	—	8·02	4·03	18·15	6·80	3·11	0·10	0·01	—	45·50
	Banka	0·66	0·75	4·56	0·26	5·78	7·64	13·01	12·62	6·58	0·66	—	—	52·52
	Kolgong	0·56	1·47	2·83	—	6·93	4·03	10·02	7·31	3·07	0.29	—	—	36·51
	Bangaon	?	?	3·00	—	5·78	3·32	11·03	8·48	0·58	0·15	—	—	32·34
SONTHAL PERGUNNAHS.	Rajmehal	0·55	0·88	2·86	0·47	8·09	6·09	13·24	5·06	3·05	4·55	0·14	—	45·88
	Godda	0·75	1·60	3·56	Nil	5·22	3·47	15·88	8·41	5·55	1·45	—	—	45·89
	Pakour	1·27	1·47	2·91	0·04	12·63	3·67	10·80	6·23	4·91	6·93	1·82	—	52·68
	Nya Doomka	1·37	0·70	5·91	0·27	7·82	3·89	11·27	14·86	4·33	0·34	0·36	—	51·12
	Deoghur	1·25	1·45	3·22	0·70	4·14	3·37	12·62	9·03	4·27	0·97	0·12	—	41·14
	Jamtara	1·31	0·19	7·04	0·25	8·44	6·57	16·57	13·47	8·27	1·81	0·30	—	64·22
	Mohagama	0·70	0·65		1·00								—	
	Nanihat	1·04	1·24	3·11	Nil				10·34	5·26	1·00	0·61	—	
CHUTIA NAGPUR.														
HAZARIBAGH...	Pachamba (*Giridi*) ...	1·37	0·92	4·08	Nil	6·10	5·03	15·28	9·29	7·33	0·21	—	—	49·61
	Hazaribugh	0·93	0·06	2·63	0·03	4·65	3·88	11·16	14·09	9·24	0·27	0·15	—	47·09
	Semtagurah	1·50	—	2·44	Nil	3·80	2·35	9·42	9·30	5·99	0·43	—	—	35·23
	Mahudi Hills	1·45	—	3·83	0·04	2·89	4·97	10·48	10·88	11·73	0·35	—	—	46·12
	Jhoomra Hills	2·00	0·40	4·00	—	2·50	3·50	17·80	14·60	10·80	1·40	—	—	57·00
	Barhi	1·30	0.10	3·78	—	4·41	4·09	10·93	10·16	7·18	—	0·07	—	42·02
	Chatra	0 90	0·60	2·55	—	0·59	2·37	9·04	11·97	4·77	0·71	0·05	—	33·55
	Karagdeha	—	3·07	4·46	0·07	5·77	6·00	14·02	8·62	7·48	0·33	0·17	—	49·93
	Ramghar	—	2·40	?	0·45	1·75	2·80	11·63	12·00	12·10	0·15	—	—	43·28?
LOHARDUGGA	Lohardugga	1·17	0·21	5·00	0·25	3·60	2·24	14·15	11·45	9·10	0·51	0·04	—	47·81
	Ranchee	0·72	0·28	8·07	0·08	3·91	2·92	9·82	11·40	13·91	0·13	0·26	—	51·50
	Palamow	0·75	0·23	2·85	0·32	0·88	0·97	12·02	20·71	10·60	0·07	0·06	—	49·46
	Silli	0·70	—	5·50	—	4·09	4·25	13·83	9·65	11·70	0·25	—	—	49·97
	Balumat	1·10	0·01	3·01	0·23	1·61	1·73	11·60	13·65	9·48	0·98	—	—	43·40
	Hosseinabad	1·25	—	?	—	0·60	3·40	?	7·80	5·46	0·20	—	—	—
	Garwah	3·00	—	4·35	—	0·32	0·22	7·25	22·42	7·60	1·06	—	—	46·82
SINGBHOOM ...	Chyebassa	—	0·78	5·11	0·09	4·28	3·74	9·57	17·30	11·30	1·32	0·48	—	53·97
	Chakradharpore	—	—	?	—	3·18	5·16	24·96	28·75				—	
	Ghatsilla	—	—	4·31	—	8·72	7·55	11·02	20·56	13·74	0·88	0·88	—	67·66
	Baharagura	—	2·50	3·30	0·73	5·16	7·38	12·33	14·80	13·42	0·86	0·30	—	60·78
MANBHOOM ...	Purulia	0·36	2·88	3·78	—	5·63	7·06	15·58	10·90	8·74	0·22	0·43	—	55·58
	Gobindpore	1·14	0·43	5·31	0·65	3·39	2·99	14·45	9·64	3·89	0·54	—	—	42·45
	Raghunathpore	0·90	0·34	5·12	0·40	5·09	4·77	15·08	15·06	7·83	0·99	—	—	56·13
	Barrabhoom ...	—	0 16	4·77	—	3·40	5·90	9·42	14·06	7·47	0·68	0·70	—	46·56
	Jhalda	1·22	1·37	10·44	—	5·55	2·50	14·76	10·66	7·89	0·60	0·23	—	55·31
	Chas	1·10	0·02	4·93	0 20	8·33	4·20	17·70	12·87	10·92	0·35	0·19	—	60·80

METEOROLOGICAL OFFICE, BENGAL,
The 23rd February 1892.

A. PEDLER,
Meteorological Reporter to the Government of Bengal.

II.—Table showing the Monthly and Annual Average Rainfall at 166 Rainfall-recording Stations in Bengal.

DISTRICT.	STATION.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTAL.
ORISSA.															
POOREE ...	Pooree	18—19	0·25	0·86	0·52	0·55	2·58	7·98	10·39	9·24	10·02	8·81	2·30	0·68	54·18
	Khurdah	17—18	0·27	0·68	0·82	0·05	3·51	9·50	12·82	12·43	10·37	6·89	1·64	0·53	60·11
	Banpur	11	0·08	0·86	0·72	0·58	2·06	7·17	10·66	12·11	9·00	6·31	3·09	1·18	51·91
	False Point	17—19	0·62	0·81	1·06	2·14	3·84	9·01	14·09	13·72	11·15	10·70	2·24	0·78	70·16
CUTTACK ...	Jagatsingpore	15—18	0·35	0·62	0·81	0·68	2·99	7·23	11·03	10·12	8·50	6·80	1·16	0·39	50·68
	Banki	7—8	0·22	0·65	1·28	0·39	2·00	10·28	11·79	10·71	8·84	4·41	2·00	0·76	51·42
	Cuttack	18—19	0·34	0·71	1·27	1·38	4·20	11·52	13·36	11·08	10·07	5·63	1·18	0·36	61·05
	Kendrapara	17—19	0·42	0·73	0·87	1·06	3·91	8·87	12·27	12·56	9·37	6·26	0·86	0·48	57·66
	Jajpore	16—18	0·42	1·25	1·13	1·81	4·49	9·88	13·12	10·70	9·87	5·07	0·68	0·71	59·13
BALASORE ...	Chandbali	15—16	0·51	1·01	1·09	1·02	4·90	7·78	11·89	11·08	11·19	6·46	1·52	0·61	59·14
	Bhuddruck	17—18	0·30	1·24	1·38	1·93	5·16	8·91	12·03	10·66	10·65	4·61	0·98	0·38	58·32
	Soorah	15—16	0·25	0·84	1·63	1·83	5·09	6·78	12·27	11·03	11·24	5·50	0·75	0·14	57·35
	Balasore	18—19	0·49	1·36	1·35	2·52	4·97	8·71	13·91	12·42	11·91	6·41	0·91	0·37	65·35
	Jellasore	15—16	0·72	1·02	0·99	1·41	3·37	7·97	15·15	10·82	10·48	4·56	0·42	0·11	57·02
	Baripoda	11	0·28	0·80	1·21	1·30	4·91	10·24	12·77	12·46	11·11	3·93	0·98	0·20	60·28
SOUTH-WEST BENGAL.															
MIDNAPORE ...	Contai	18—19	0·28	1·33	1·05	1·49	4·57	9·51	15·03	13·09	11·27	8·36	0·66	0·40	67·64
	Saugor Island	18—19	0·37	1·13	1·29	1·39	4·60	10·04	16·53	15·06	11·96	9·66	0·65	0·35	73·09
	Tumlook	17—18	0·38	1·22	1·77	1·06	5·07	9·26	11·98	13·80	8·32	4·46	0·35	0·26	58·53
	Midnapore	18—19	0·61	0·89	1·46	1·50	5·13	8·82	12·54	12·53	7·17	4·78	0·23	0·37	56·03
	Ghattal	12	0·51	0·89	1·62	1·80	5·38	10·24	13·74	15·46	8·77	3·57	0·12	0·29	62·39
24-PERGUNNAHS.	Diamond Harbour ...	17—18	0·63	1·68	1·44	2·27	5·16	9·87	14·81	14·17	11·13	5·13	0·38	0·28	66·95
	Alipore Jail	17—18	0·72	1·47	1·69	1·81	5·12	10·37	13·44	14·51	9·91	4·42	0·33	0·33	63·44
	Barrackpore	17—18	0·45	1·27	1·72	1·81	5·24	10·60	12·16	12·07	7·47	3·56	0·50	0·30	57·15
	Dum-Dum	17—18	0·52	1·13	1·57	2·03	5·93	9·94	11·90	12·69	8·80	4·37	0·24	0·32	59·50
	Baraset	17—18	0·59	1·29	1·57	2·03	6·05	9·54	10·80	11·94	9·04	4·51	0·31	0·31	58·07
	Busseerhat	17—18	0·41	1·04	2·18	2·10	6·66	10·88	12·60	13·08	8·84	4·41	0·38	0·23	62·81
HOWRAH ...	Howrah	18—19	0·59	1·09	1·47	2·12	5·16	9·91	12·51	12·21	8·35	4·34	0·33	0·32	58·40
	Mohesreka	12—13	0·51	1·44	1·18	1·47	6·25	9·03	13·55	15·57	8·60	3·44	0·48	0·32	59·84
HOOGHLY ...	Serampore	17—18	0·42	1·24	1·32	2·00	4·98	9·74	12·70	12·34	7·96	4·19	0·21	0·29	57·48
	Hooghly	18—19	0·38	1·25	1·30	2·00	5·77	9·16	12·08	11·91	7·15	4·09	0·23	0·36	55·68
	Jehanabad	17—18	0·39	1·27	1·15	1·98	5·17	9·35	12·48	16·03	9·04	4·40	0·25	0·20	61·71
BURDWAN ...	Culna	17—18	0·40	1·08	1·39	2·39	4·86	8·43	10·57	11·48	6·64	3·92	0·39	0·23	51·78
	Burdwan	18—19	0·32	0·86	1·57	2·20	4·98	8·30	11·22	12·80	8·07	3·95	0·31	0·22	54·69
	Cutwa	17—18	0·45	1·16	1·29	1·80	5·31	9·92	9·94	12·03	8·30	4·04	0·25	0·11	54·60
	Raneegunge	18—19	0·33	1·19	0·65	1·26	3·13	8·36	13·72	13·60	7·26	3·41	0·20	0·12	53·25
BANKOORA ...	Bankoora	18—19	0·37	0·87	1·25	1·46	3·87	9·35	12·47	14·35	7·08	4·15	0·25	0·22	56·59
	Bishenpore	10—11	0·38	0·70	1·37	1·60	4·79	10·50	12·01	14·02	9·10	2·71	0·37	0·24	57·79
	Maliara	9—11	0·33	0·58	0·67	0·87	3·25	10·30	14·11	13·26	6·52	3·27	0·36	0·21	53·73
	Khatra	9—11	0·44	0·58	1·14	0·83	3·39	11·19	14·58	13·27	9·09	3·71	0·90	0·42	59·54
BEERBHOOM ...	Bh. Soory	18—19	0·45	0·91	0·73	1·03	3·72	10·47	12·70	13·05	10·41	3·67	0·12	0·15	58·01
	Hetampore	12—14	0·51	0·97	0·45	1·06	3·05	11·42	14·44	12·44	10·84	2·87	0·12	0·14	58·31
	Rampore Haut	14—16	0·53	0·83	0·71	1·47	3·67	10·02	10·88	12·72	10·99	3·88	0·16	0·19	56·05
NUDDEA ...	Ranaghat	18—19	0·46	0·93	1·58	2·99	5·26	9·63	10·16	12·56	6·95	3·78	0·38	0·23	54·91
	Kishnaghur	18—19	0·30	1·04	1·48	2·47	5·93	8·31	10·14	11·23	7·90	4·19	0·34	0·11	53·84
	Choondanga	18—19	0·31	1·12	1·88	2·83	7·74	9·24	10·21	12·11	9·71	4·39	0·47	0·16	60·17
	Meherpore	18—19	0·31	1·03	2·17	2·93	5·82	9·72	9·82	12·31	8·06	3·68	0·14	0·19	56·18
	Kooshtea	18—19	0·38	1·11	1·87	3·01	7·10	11·21	10·88	11·96	10·33	4·99	0·26	0·20	61·39
KHOOLNA ...	Satkira	17—18	0·40	0·93	2·56	2·93	6·28	12·50	12·35	12·41	8·88	4·70	0·38	0·35	64·67
	Bagirhat	17—18	0·60	1·31	1·82	3·31	6·94	14·24	14·74	12·47	10·01	5·25	0·64	0·28	71·71
	Khoolna	17—18	0·60	1·12	2·20	3·21	6·62	12·93	11·50	12·17	9·73	4·20	0·44	0·34	65·06
JESSORE ...	Narail	17—18	0·68	1·16	1·94	3·22	6·70	11·21	9·05	10·64	7·31	3·62	0·40	0·24	56·26
	Jessore	18—19	0·61	1·09	2·52	3·93	7·35	12·74	11·35	12·38	8·74	4·38	0·32	0·26	65·70
	Jhenidah	17—18	0·34	1·10	2·44	3·38	6·43	12·75	9·70	12·72	9·11	4·83	0·30	0·18	63·38
	Magoora	17—18	0·32	1·05	2·53	3·87	7·05	11·77	10·25	9·84	8·72	3·81	0·32	0·17	60·54
	Bongong	18—19	0·33	1·10	1·79	2·74	5·88	10·37	10·61	12·98	9·03	4·55	0·30	0·36	60·04
MOORSHEDABAD.	Kandi	13—15	0·39	0·89	0·90	1·67	4·55	9·54	12·00	11·53	9·57	3·93	0·32	0·27	55·56
	Berhampore	14—19	0·54	1·00	1·08	1·61	5·54	9·27	10·58	12·18	10·91	4·48	0·25	0·17	57·41
	Lalbagh	11—14	0·20	0·72	0·97	1·16	5·49	8·18	10·30	12·28	10·68	4·53	0·34	0·17	55·02
	Azimgunge	14—17	0·56	0·76	0·93	1·38	5·25	9·53	10·34	12·70	9·70	4·71	0·19	0·13	56·18
	Jungipore	14—18	0·44	0·71	0·65	1·15	5·00	8·72	10·99	11·58	10·78	3·30	0·10	0·14	53·56
	Lalgola	14—16	0·55	0·65	0·91	1·35	5·72	9·55	11·26	11·02	10·76	4·37	0·21	0·14	56·49
EAST BENGAL.															
CHITTAGONG ...	Cox's Bazar	17—18	0·77	0·49	1·82	2·53	10·36	34·31	40·14	27·13	15·11	7·72	2·08	0·38	143·44
	Chittagong	18—19	0·63	0·96	2·31	3·32	9·63	24·94	21·97	19·77	13·52	5·60	1·59	0·70	104·94
CHITTAGONG HILL TRACTS.	Rangamati	18—19	0·59	1·10	3·02	3·56	10·13	18·91	19·04	18·44	12·72	7·01	1·95	0·56	97·03
BACKERGUNGE	Patuakhally	16	0·79	1·13	1·81	3·04	8·28	22·36	21·48	17·05	13·36	5·99	1·66	0·47	97·43
	Perozepore	17—18	0·71	1·29	1·61	2·62	7·10	16·43	16·08	14·76	11·33	5·75	1·21	0·29	79·18
	Burrisal	18—19	0·77	1·00	2·72	3·24	8·03	16·50	15·73	12·41	11·68	4·98	1·25	0·32	78·63
	Bhola	11—13	0·58	0·78	2·52	3·59	7·24	21·49	18·62	18·23	12·12	5·19	1·56	0·51	92·73
NOAKHOLLY ...	Noakholly	18—19	0·62	0·91	3·55	4·23	9·82	26·07	23·97	25·33	17·80	6·86	1·82	0·59	121·57
	Fenny	11—12	0·79	1·19	4·00	4·87	10·97	28·56	22·56	24·01	15·71	5·88	3·22	0·91	122·67
FURREEDPORE	Madaripore	17—18	0·61	0·97	2·83	3·62	9·24	13·30	11·98	12·25	8·50	4·19	0·44	0·14	68·06
	Furreedpore	18—19	0·34	1·41	2·93	3·74	8·90	12·49	11·85	12·57	10·04	4·30	0·35	0·15	69·11
	Goalundo	16—17	0·40	1·22	2·33	3·93	7·63	11·86	11·87	11·37	8·61	4·83	0·33	0·14	64·52
DACCA ...	Munshigunge	15—16	0·54	1·35	4·08	4·82	9·43	15·84	15·74	14·88	12·24	5·46	0·84	0·33	85·55
	Dacca	18—19	0·33	1·15	3·01	4·01	8·95	13·37	11·24	12·50	9·97	3·95	0·50	0·19	71·83
	Naraingunge	6—8	0·39	0·99	3·11	4·90	8·20	13·96	15·69	13·46	10·35	4·45	1·28	0·29	77·07
	Manickgunge...	15—16	0·44	1·15	2·04	3·98	8·85	9·84	11·80	11·53	8·13	3·95	0·46	0·13	62·30
HILL TIPPERAH ...	Agartola	15—19	0·65	1·08	4·44	5·28	10·74	14·44	11·82	13·32	10·50	5·30	0·84	0·37	78·73
TIPPERAH ...	Comilla	15—16	0·68	0·87	3·76	5·20	10·35	19·13	16·08	17·65	11·40	4·23	0·94	0·41	91·63
	Chandpore	11	0·53	0·60	3·27	4·30	8·62	16·77	15·51	20·23	11·82	6·14	0·56	0·39	89·03
	Brahmunberia	17—18	0·77	1·30	4·71	5·16	10·51	15·46	10·97	12·67	11·69	4·76	0·57	0·28	79·15
MYMENSINGH	Kishoregunge	17—18	0·57	0·86	3·01	4·09	10·19	19·07	13·08	13·18	13·11	5·30	0·41	0·32	84·09
	Atia	17—18	0·48	1·18	1·45	3·51	7·04	13·16	11·10	12·01	9·80	4·97	0·25	0·10	65·00
	Mymensingh	18—19	0·88	1·01	2·24	3·89	11·03	19·00	14·48	13·78	14·19	5·69	0·30	0·13	86·12
	Jamalpore	17—18	0·43	1·07	1·46	3·20	8·79	14·99	12·47	13·45	14·06	5·03	0·23	0·23	75·52
	Netrokona	7—8	0·19	0·40	2·57	4·24	11·46	21·78	16·86	16·97	14·04	6·06	0·37	0·17	95·11

District.	Station.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
NORTH BENGAL.															
Pubna ...	Pubna	18-19	0·36	1·09	1·72	3·12	6·95	10·90	10·17	12·78	10·97	4·80	0·18	0·14	63·15
	Serajgunge	18	0·45	1·01	1·28	2·78	7·27	11·40	10·97	11·23	9·87	4·33	0·38	0·14	61·16
Bogra ...	Sherpore	12—13	0·36	0·90	1·48	1·47	8·48	12·42	13·01	12·25	10·25	4·18	0·57	0·22	65·69
	Nowkhilla	12	0·36	0·85	1·21	1·99	6·92	12·89	11·37	10·81	9·77	5·12	0·53	0·15	61·97
	Bogra	18—19	0·45	0·85	0·82	2·21	8·37	14·27	13·97	11·93	10·75	3·98	0·27	0·13	[illegible]
	Panchbibi	12—13	0·32	0·52	0·90	1·60	7·40	11·48	12·66	11·53	10·68	4·31	0·02	0·19	[illegible]
Rajshahye ...	Beauleah	18—19	0·40	0·79	0·81	1·42	5·44	9·65	11·67	12·05	11·27	4·44	0·14	0·11	58·10
	Nattore	18—19	0·61	0·89	0·93	2·17	6·82	10·25	11·86	12·16	11·64	4·46	0·26	0·11	62·16
	Noagaon	6—8	0·66	0·35	1·27	0·63	5·36	13·69	11·25	8·75	12·68	2·29	0·17	0·17	57·27
Maldah ...	Maldah	18—19	0·43	0·52	0·74	0·94	4·13	11·14	11·41	9·95	11·50	4·38	0·16	0·18	55·48
	Chanchal	11—13	0·51	0·60	0·45	1·01	4·86	12·58	12·56	14·09	10·60	3·00	0·21	0·08	60·61
Dinagepore ...	Mohadebpore	11—12	0·57	0·64	0·70	0·99	6·24	12·80	11·41	13·54	11·31	3·03	0·10	0·17	61·50
	Churamon	10—12	0·57	0·42	0·43	0·63	4·70	11·87	11·90	10·55	12·08	2·42	0·18	0·16	56·51
	Raigunge	11—12	0·57	0·51	0·62	1·12	6·23	14·34	12·25	12·74	10·61	3·78	0·09	0·15	63·05
	Dinagepore	18—19	0·40	0·50	0·97	1·87	7·22	16·50	13·45	12·17	11·14	5·13	0·09	0·11	69·55
	Baloorghat	7—9	0·55	0·26	0·58	0·95	6·09	12·53	11·63	9·62	10·84	3·40	0·12	0·25	56·82
Rungpore ...	Bhawanigunge (*Gyabanda*)	17—18	0·35	0·51	1·46	2·73	8·89	15·90	12·24	10·23	11·97	5·12	0·11	0·17	69·77
	Rungpore	18—19	0·58	0·39	1·30	3·14	10·22	19·51	16·48	12·06	13·61	5·32	0·10	0·10	82·81
	Kurigram	12—13	0·51	0·31	1·93	4·79	13·78	23·40	13·40	11·07	12·66	4·41	0·15	0·17	86·76
	Bagdogra (*Nilphamari*) ...	11—13	0·49	0·52	1·18	3·43	12·03	26·19	13·73	14·92	15·52	4·60	0·02	0·21	92·93
Julpigoree ..	Julpigoree	17—18	0·55	0·28	1·80	4·08	11·06	28·42	25·66	24·94	23·93	5·60	0·10	0·09	127·41
Cooch Behar	Dinhatta	9—11	0·68	0·41	1·70	4·16	13·96	30·03	13·56	17·51	18·53	5·14	0·06	0·23	105·97
	Cooch Behar	16—17	0·43	0·29	1·93	5·46	14·76	36·84	22·56	21·45	22·78	5·43	0·07	0·11	132·11
	Mickligunge	11	0·56	0·53	1·43	3·84	12·15	28·25	20·44	24·57	19·89	3·97	0·07	0·18	115·88
	Matabhanga	11	0·48	0·45	2·31	4·18	12·66	31·87	22·39	23·78	19·29	6·30	0·08	0·14	123·93
Darjeeling Hill.	Buxa	17—10	1·14	0·86	3·25	8·73	20·33	45·22	48·01	42·05	31·48	10·21	0·47	0·50	212·25
	Siliguri	6—8	0·82	0·24	1·71	3·18	8·80	27·77	32·91	22·33	14·93	4·34	0·32	0·09	117·44
	Darjeeling	17—19	0·64	0·82	1·86	4·40	8·58	24·00	30·07	25·45	17·66	6·96	0·14	0·26	120·84
	Kalimpong	7—9	1·24	0·65	1·76	3·13	5 67	19 43	28 42	18·75	10·48	2·67	0·25	0·30	92·75
NORTH BEHAR.															
Purneah ...	Kissengunge	16—17	0·63	0·44	0·66	1·87	6·32	15·33	16·49	16·21	14·08	3·36	0·05	0·15	75·59
	Arrareah	16—17	0·48	0·53	0·62	1·50	5·92	12 71	15·98	13·66	13·76	3·53	0·05	0·10	68 84
	Purneah	16—18	0·46	0·56	0·40	1·40	4·51	11·46	13·89	14·44	14·02	3·97	0·08	0·16	65·35
North Bhagulpore.	Maddapore	14—18	0·47	0·56	0·39	1·03	4·06	8·66	11·49	11·79	10·30	4·31	0·06	0·09	53·21
	Soopool	16—17	0·46	0·39	0·40	0·89	3·89	9·33	10·95	12·32	9·77	2·38	0·04	0·12	51·44
Durbhunga ...	Tajpore	17—18	0·64	0·38	0·23	0·86	2·35	7·58	12·19	10·35	8·01	3·16	0·09	0·08	45·42
	Durbhunga	17—18	0·53	0·43	0·29	0·69	2·58	7·92	11·89	11·39	9·58	2·99	0·06	0·17	48·52
	Madhubani	16—18	0·74	0·39	0·39	1·01	2·06	8·59	10·69	10·51	10·17	2·62	0·03	0·08	48·18
Mozufferpore	Sitamarhi	17·18	0·53	0·30	0·65	1·18	2·06	8·03	10·59	9·75	9·76	2·74	0·01	0·12	46·32
	Mozufferpore	17—19	0·79	0·41	0·42	0·58	2·72	7·53	11·81	10·34	9·97	3·47	0·09	0·13	48·26
	Hajipore	17	0·65	0·46	0·38	0·19	1·90	6·69	11·85	10·15	7·23	3·98	0·14	0·12	43·83
Chumparun ...	Motihari	14—16	0·65	0·35	0·37	0·78	2·50	7·89	10·45	11·53	9·16	3·49	0·02	0 18	47·37
	Bettiah	16—17	0·69	0·41	0·36	0·75	2·68	8·49	12·68	12·34	9·44	3·58	0·01	0·24	51·67
Sarun ...	Gopalgunge	10—12	0·84	0·53	0·14	0·20	2·64	6·43	12·51	10·18	6·94	5·01	0·13	0·17	45·72
	Sewan	18	0·76	0·48	0·23	0·27	1·84	6·81	11·73	10·78	8·52	4·02	0·11	0·15	45·70
	Chuprah	18—19	0·66	0 33	0·29	0·28	1·52	6·02	12·30	9·91	6 90	3·60	0·29	0·18	42·28
SOUTH BEHAR.															
Shahabad ...	Buxar	18—19	0·79	0 36	0·28	0·17	1·03	4·96	11·07	10·22	7·19	3·35	0·17	0·23	39·82
	Dehree	6—8	0·62	0·20	0·70	0·11	1·42	4·65	11·25	12·78	7·67	2·80	0·25	0·57	43·11
	Bhuboonh	18—19	0·68	0·49	0·56	0·13	1·16	5·26	12·31	11·71	6·67	3·28	0·49	0·36	43·10
	Sasseram	18—19	0·50	0·46	0·27	0·17	1·17	5·17	11·32	11·89	6·94	3·68	0·21	0·29	42·07
	Arrah	18—19	0 71	0·45	0·34	0·22	1·80	5·95	11·03	10·93	6·87	3·28	0·15	0·21	41·94
Gya ...	Aurungabad	17—18	0·60	0·33	0·38	0·23	1·68	5·82	12·10	12·52	7·21	2·75	0·24	0·36	44·22
	Gya	18—19	0·61	0·50	0·35	0·31	1·64	6·16	12·86	11·42	7·32	2·36	0·27	0·25	44·05
	Nowadah	17—18	0·70	0·46	0·47	0·30	2·02	5·45	11·71	10·73	6·97	2·67	0·10	0·23	41·90
	Jehanabad	15—16	0·71	0·40	0·35	0·15	1·74	5·06	12·24	12·23	5·60	3·55	0·35	0·19	42·53
Patna ...	Patna	18—10	0·59	0·38	0·33	0·23	2·20	6·88	11·59	10·62	7·09	3·33	0·15	0·17	43·56
	Dinapore	18—19	0·56	0·30	0·18	0·23	1·60	6·52	11·30	11·33	6·84	3·26	0·14	0·19	42·63
	Behar	18—19	0·67	0·52	0·34	0·22	2·20	6·48	12·60	10·60	6·53	3·22	0·24	0·14	43·76
	Barrh	18	0·47	0·43	0·34	0·12	2·26	5·08	12·22	9·38	7·70	3·18	0·23	0·13	41·54
Monghyr ...	Beegooserai	18	0·56	0·53	0·24	0·36	2·29	6·24	11·11	9·94	7·27	3·17	0·29	0·09	42·09
	Monghyr	18—19	0·48	0·50	0 31	0·42	2·51	6·53	12·35	12·69	9·01	3·52	0·14	0·09	48·57
	Jamui	18—19	0·67	0 60	0·43	0·47	2·19	6·40	12·75	11·41	7·45	2 61	0·09	0·09	45·25
South Bhagulpore.	Bhagulpore	18—19	0·48	0·48	0·33	0·77	2·59	7·71	11·16	10·15	7·60	3·20	0·27	0·10	44·84
	Banka	18—19	0·59	0·50	0·34	0·54	2·68	7·78	10·61	11·13	8·23	3·48	0 13	0·14	46 15
Sonthal Pergunnahs.	Rajmehal	17—18	0·17	0·27	0·33	1·05	5·05	10·46	12·93	9·88	12·24	3·31	0·13	0·06	55·88
	Godda	15—16	0·35	0·54	0·40	0·49	3·60	6·81	11·07	11·70	9·53	3·07	0·10	0·18	47·79
	Pakour	11—12	0·25	0·32	0·55	0·49	4·31	10·50	12·44	11·69	12·75	4·51	0·08	0·09	57·98
	Nya Doomka	16—17	0·58	0·72	0·70	0·90	3·48	8·86	13·44	13·35	10·03	4·08	0·18	0·22	57·23
	Deoghur	18—19	0·14	0·63	0·63	0·88	3·15	8·46	13·60	12·27	8·73	4·33	0 16	0·18	53·46
	Jamtara	12—15	0·41	0·35	0·72	0·61	3·45	8·60	13·66	12·60	7·36	3·22	0·29	0·15	51·42
CHUTIA NAGPORE.															
Hazaribagh ...	Pachamba	16—18	0·40	0·66	0·64	0·64	2·29	8·20	12·55	12·34	8·82	3·16	0·22	0·18	50·10
	Hazaribagh	17—19	0·60	0·72	0·70	0·37	2·34	7·12	12·99	13·41	8·58	3·26	0·26	0·31	50·66
	Semtagurah	11	0·51	0·51	1·18	0·30	2·58	7·61	12·81	11·02	8·17	2·96	0·52	0·32	48·29
	Mahudi Hills	11	0·83	0·58	0·74	0·10	2·21	7·57	12·36	14·74	8·88	2·55	0·46	0·30	51·32
	Jhoomra Hills	7—10	0·70	0·41	0·73	Nil	2·89	10·34	16·87	16·38	10·92	2·98	0·48	0·29	62·94
Lohardugga	Lohardugga	6—7	0·84	0·49	0·63	0·26	2·53	7·83	12·49	15·21	9·70	2·37	0·50	0·51	53·36
	Ranchee	18—19	0·64	1·10	1·09	0·64	3·17	8·65	13·72	14·31	9·17	2·98	0·40	0·29	56·16
	Palamow	17—18	0·77	0·49	0·65	0·29	1·41	6·04	12·56	11·56	7·82	2·81	0·45	0·30	45·15
Singbhoom ...	Chyebassa	17—19	0·73	0·84	1·21	0·67	4·17	8·30	14·27	13·83	8·82	2·95	0·24	0·37	55·90
Manbhoom ...	Purulia	17—19	0·46	0·99	1·03	0·85	3·57	8·68	12·22	13·91	8·13	3·09	0·21	0·24	53·38
	Gobindpore	12—18	0·51	0·88	0·50	0 63	1·96	7·45	11·92	12·50	7·25	3·58	0·15	0·19	47·55

Meteorological Office, Bengal;
The 20th February 1892.

A. Pedler,
Meteorological Reporter to the Government of Bengal.

III.—Comparison Table of the Rainfall of 1891 at 166 Rainfall-recording Stations in Bengal with the Average of previous years.

District.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
ORISSA.														
Pooree	Pooree	−0·25	−0·32	+2·95	−0·55	+1·14	−6·95	−0·89	+5·02	+3·95	−7·81	+13·61	−0·68	+3·22
	Khurdah	−0·27	−0·27	+5·18	−0·46	+1·86	−0·11	−5·76	+3·80	+7·84	−2·22	+2·10	−0·53	+2·16
	Banpur	+0·23	+0·79	+2·73	+0·22	+8·95	−7·02	−5·44	−2·57	−0·80	−5·37	−1·59	−1·18	−16·14
	False Point	−0·62	+1·46	+0·90	−2·14	−1·21	−0·42	−0·09	+3·60	+7·43	−0·51	+8·86	−0·78	+1·51
Cuttack	Jagatsingpore	−0·35	−0·42	+5·08	−0·68	+2·04	−7·23	−4·08	+5·00	+11·09	−6·80	+11·31	−0·39	−15·47
	Banki	+0·05	−0·61	+1·62	−0·08	+4·06	−9·64	−5·53	+3·31	+4·06	−2·16	−0·83	−0·76	−4·66
	Cuttack	−0·34	−0·11	+4·35	−1·33	+1·17	−9·38	−2·83	+8·91	+20·88	−3·80	+3·74	−0·36	+20·85
	Kendrapara	−0·37	+2·50	+2·72	−1·06	−0·29	−7·55	−1·92	+4·71	+14·57	−5·54	+15·26	−0·48	+22·55
	Jajpore	−0·42	−0·21	+3·06	−1·69	+2·80	−7·52	+0·50	+0·56	+6·41	−3·95	+2·56	−0·71	+7·39
Balasore	Chandbali	−0·51	+2·40	+2·77	−0·50	−0·31	−5·45	−3·60	+3·97	+12·02	−5·94	+9·01	−0·62	+14·14
	Bhuddruck	−0·39	−0·29	+3·41	−0·80	+2·77	−6·48	+2·11	+6·68	+4·48	−3·73	+4·57	−0·38	+12·00
	Sorah	−0·95	+2·76	+4·72	+1·37	+1·46	−3·68	−2·67	+5·47	+5·36	−4·00	+3·18	−0·14	+18·58
	Balasore	−0·49	+0·50	+4·67	−2·50	−0·41	−3·90	−3·50	+3·00	+6·58	−5·77	+1·56	−0·37	−0·63
	Jellasore	−0·72	+1·13	+3·53	−1·38	+0·13	−0·17	−6·82	+1·55	+10·32	−3·56	+0·40	−0·11	+4·30
	Baripodah	−0·28	+0·03	+6·08	−0·73	−0·44	−5·06	−1·30	+8·05	+5·96	−2·52	−0·63	−0·20	+8·87
SOUTH-WEST BENGAL.														
Midnapore	Contai	−0·28	+2·21	+2·74	−1·35	−2·15	−4·63	−3·06	+0·65	+2·46	−8·36	+1·83	−0·40	−10·34
	Saugor Island	−0·37	+1·41	+1·00	−1·39	−3·15	+0·02	+3·36	+6·01	+2·37	−9·45	+3·64	−0·35	+3·70
	Tumlook	−0·38	+0·18	+2·75	−1·64	−0·12	+0·95	+0·36	+3·30	+1·75	−4·46	0	−0·26	+2·42
	Midnapore	−0·61	−0·42	+7·17	−1·50	+1·58	−4·25	−4·41	+8·53	+3·13	−4·30	−0·05	−0·37	+4·53
	Ghattal	−0·51	+0·70	+4·10	−1·42	+4·16	−3·03	−1·43	+1·90	−2·10	−3·19	+0·14	−0·29	−0·97
24-Pergunnahs.	Diamond Harbour	−0·63	+0·15	+2·52	−1·93	−0·33	+2·42	−3·06	+3·51	−3·58	−5·13	+0·32	−0·28	−6·04
	Alipore Jail	−0·72	−0·56	+2·05	−1·40	−1·37	−4·42	−5·08	+0·11	−1·30	−4·36	+0·10	−0·35	−17·30
	Barrackpore	−0·45	+0·95	+1·33	−1·00	+1·25	−6·96	−0·92	−0·55	+3·79	−5·34	−0·32	−0·30	−6·52
	Dum-Dum	−0·52	−0·33	+2·32	−1·28	−2·21	−6·43	−2·81	+1·13	+2·68	−4·27	+0·16	−0·32	−12·68
	Barasut	−0·59	+1·25	+1·18	−0·92	+0·27	−3·07	+0·95	+0·98	−3·48	−4·26	−0·10	−0·31	−8·10
	Busseerhat	−0·41	+0·13	+0·61	+1·73	−3·28	−0·06	−3·58	−3·19	−1·58	−4·41	+0·90	−0·23	−13·37
Howrah	Howrah	−0·59	−0·03	+1·67	−1·51	−0·87	−3·24	−5·48	−1·47	−0·74	−4·28	−0·04	−0·32	−16·83
	Mohesreka	−0·51	+0·26	+2·15	−1·24	+3·28	−4·81	−5·53	−1·47	−3·16	−3·44	−0·07	−0·32	−14·86
Hooghly	Serampore	−0·42	+1·14	+1·87	−0·93	+1·53	−6·26	−2·85	+1·02	+2·25	−3·95	+0·04	−0·29	−6·90
	Hooghly	−0·38	−0·30	+1·16	−1·75	+1·99	−3·84	−1·46	−1·81	+1·01	−4·09	+0·10	−0·36	−9·83
	Jehanabad	−0·39	−0·74	+4·24	−1·58	+3·56	−3·88	−1·52	−3·77	−1·94	−4·38	+0·05	−0·20	−10·55
Burdwan	Culna	−0·25	+0·62	+4·96	+0·40	+6·73	−5·72	+2·25	+1·24	−0·12	−3·92	−0·05	−0·23	+5·91
	Burdwan	+0·43	+0·18	+5·34	−2·20	+9·00	−5·45	+2·78	+2·74	−6·25	−3·47	−0·06	−0·22	+2·73
	Cutwa	+0·01	+2·06	+4·07	−1·15	+3·16	−1·36	+2·76	−4·17	−5·04	−3·44	+0·73	−0·11	−2·48
	Raneegunge	+1·14	+0·59	+6·08	−1·04	+8·01	−2·30	−4·64	−0·15	−2·66	−1·56	+0·08	−0·12	+3·43
Bankoora	Bankoora	−0·31	+0·47	+2·11	−1·46	+6·53	−4·45	−1·99	−0·63	−2·42	−3·01	+0·44	−0·22	−4·98
	Bishenpore	−0·38	+4·06	+1·04	−0·43	+4·70	−3·58	+0·12	+3·90	−3·88	−2·71	0	−0·24	+3·50
	Maliara	+0·57	+0·07	+2·92	−0·77	+7·37	−0·54	−2·46	+0·99	−3·95	−2·72	+0·11	−0·21	+1·38
	Khatra	−0·44	−0·20	+5·48	−0·73	+6·27	−7·66	−4·46	−0·70	−2·05	−0·78	−0·40	−0·42	−6·09
Beerbhoom	Bh. Soory	+0·50	−0·49	+5·34	−0·54	+4·78	−4·87	+0·12	+0·70	−4·05	−2·65	+1·31	−0·15	+0·02
	Hetampore	+0·30	−0·47	+6·40	−0·65	+7·64	−6·29	−5·53	+0·32	−7·50	−2·41	+1·00	−0·14	−7·24
	Rampore Haut	+0·29	−0·47	+4·91	−1·04	+4·73	−8·15	+1·41	−3·80	−6·10	−1·01	+1·58	−0·19	−7·84
Nuddea	Ranaghat	−0·46	+0·72	+4·72	−1·74	+8·95	−7·05	−0·67	−1·51	−1·64	−3·48	+0·20	−0·23	−2·19
	Kishnaghur	−0·19	+4·10	+2·05	−1·29	+6·05	−1·79	+2·79	−0·14	−4·06	−3·08	+0·96	−0·11	−0·71
	Choondanga	−0·26	+2·68	+3·06	−1·16	+7·98	−5·31	−0·04	−1·76	−5·23	−3·18	−0·31	−0·16	−3·69
	Meherpore	−0·19	+0·54	+4·25	−1·11	+5·80	−2·51	+1·88	−6·06	−5·70	−3·13	+0·16	−0·19	−6·35
	Kooshtea	−0·38	+0·00	+4·70	−0·93	+7·40	−5·02	−2·89	−4·88	−6·86	−4·49	+0·74	−0·20	−12·21
Khoolna	Satkira	−0·40	+0·40	−0·13	+0·03	+1·49	−5·34	+2·08	−4·37	−2·21	−4·30	+2·75	−0·35	−0·45
	Bagerhat	−0·69	+1·23	+3·67	−1·86	−0·43	−2·05	+1·70	−3·99	−4·78	−4·41	+1·80	−0·28	−10·99
	Khoolna	−0·60	+3·49	+0·45	−1·28	+2·07	−9·77	0	−4·40	−4·13	−4·10	+3·45	−0·34	−15·16
Jessore	Narail	−0·68	+4·74	−0·04	−0·63	+1·78	−7·22	+5·00	−5·99	−2·56	−3·60	+1·73	−0·24	−7·77
	Jessore	−0·61	+4·49	+0·90	−0·11	+5·92	−6·27	+0·36	−3·36	−2·65	−4·28	+1·01	−0·26	−4·86
	Jhenidah	−0·34	+3·99	+3·15	−0·81	+5·65	−5·05	−0·86	−8·54	−4·47	−3·20	0	−0·18	−10·66
	Magoora	−0·32	+1·03	+3·11	−1·03	+7·40	−4·70	+0·99	−6·62	−4·69	−1·31	+0·30	−0·17	−6·01
	Bongong	−0·33	+1·40	+1·98	+0·16	+6·93	−5·80	+0·10	−2·36	−3·30	−4·12	+0·23	−0·36	−5·47
Moorshedabad.	Kandi	+0·26	+1·79	+4·42	−1·67	+3·45	−2·13	−2·24	−6·52	−5·69	−1·80	+0·88	−0·27	−0·60
	Berhampore	+0·17	+0·43	+2·88	−1·39	+6·66	−5·07	−0·61	−6·88	−4·26	−3·92	+0·81	−0·17	−11·35
	Lalbagh	+0·28	−0·09	+2·69	−0·94	+6·44	−1·34	+0·97	−8·83	−1·27	−3·69	+0·42	−0·17	−5·54
	Azimgunge	+0·14	+0·29	+1·67	−1·01	+5·48	−4·95	−0·36	−8·61	−4·51	−2·77	+1·11	−0·13	−12·65
	Jungipore	+0·62	+0·29	+2·50	−0·95	+6·17	+1·73	−0·76	−7·52	−3·71	−0·59	+1·33	−0·14	−1·03
	Lalgola	+0·20	+0·50	+4·09	−1·10	+5·86	−0 0	+2·33	−7·22	−4·94	−2·27	+1·39	−0·14	−1·50
EAST BENGAL.														
Chittagong	Cox's Bazar	−0·77	−0·40	−0·87	+0·70	−1·86	−24·92	+10·41	−2·92	−0·43	−4·20	−1·49	−0·34	−33·18
	Chittagong	−0·63	−0·94	+0·41	+4·27	+1·43	−16·38	+11·06	−9·29	−8·03	−3·68	−0·20	−0·35	−19·98
Chittagong Hill Tracts.	Rangamati	−0·59	−0·78	−1·55	+1·34	+2·67	−6·48	+5·69	−6·98	−7·41	−4·90	+0·21	−0·56	−19·43
Backergunge	Patuakhally	−0·79	+3·72	+2·79	+1·29	+0·47	−10·05	−4·00	−2·34	−2·42	−4·51	−0·94	−0·47	−18·34
	Perozepore	−0·71	+1·80	+1·18	−0·81	+3·20	−6·20	+1·15	−2·40	−2·13	−5·26	+0·48	−0·29	−9·90
	Burrisal	−0·77	+4·55	+0·18	−1·35	−0·43	−10·13	+3·05	−4·12	−0·44	−4·23	+0·85	−0·32	−12·56
	Bhola	−0·58	+4·69	+1·77	−1·69	+5·20	−14·59	−3·12	−9·16	−4·85	−5·11	−1·18	−0·51	−29·16
Noakholly	Noakholly	−0·62	+2·32	−0·72	−0·29	+4·81	−10·70	−4·24	−12·86	−10·26	−3·72	−0·98	−0·53	−37·79
	Fenny	−0·70	+1·77	+0·75	+1·43	+5·16	−17·94	+4·49	−15·70	−11·81	−3·43	−1·78	−0·91	−38·96
Fureedpore	Madaripore	−0·61	+2·45	+2·82	−1·18	−0·41	−7·86	+2·49	−4·74	−2·01	−3·62	+3·67	−0·14	−9·14
	Furreedpore	−0·34	+2·76	−1·05	+8·19	+0·45	−3·10	+1·20	−5·74	−5·45	−2·48	+0·68	−0·15	−10·42
	Goalundo	−0·40	+2·52	+2·47	−1·84	+3·70	−2·46	−4·71	−8·18	−5·70	−4·33	+0·17	−0·14	−18·83
Dacca	Munshigunge	−0·54	+1·20	−1·14	+1·94	+5·53	−5·75	−5·53	−5·55	−0·32	−5·05	+2·86	−0·33	−18·68
	Dacca	−0·33	+2·36	−1·24	+0·44	+8·17	+1·81	−1·00	−4·23	−4·02	−3·77	+1·40	−0·19	−1·14
	Naraingunge	−0·39	+2·65	−1·08	+1·62	+8·64	−1·52	−4·22	−0·05	−2·84	−2·90	+2·06	−0·20	+1·59
	Manickgunge	−0·44	+2·59	+1·71	+2·13	+2·77	+4·93	−4·37	−5·48	−4·42	−3·01	+0·36	−0·13	−3·36
Hill Tipperah	Agartola	−0·65	+2·67	−3·04	+5·82	+5·80	+7·86	−0·82	−8·32	−4·40	−3·00	+4·26	−0·37	+5·87
Tipperah	Comilla	−0·68	+2·04	−1·07	+8·16	+13·73	−7·21	−0·55	−9·51	−4·64	−1·91	+3·60	−0·44	−4·46
	Chandpore	−0·58	+2·61	−0·78	−1·03	+5·29	−7·57	−4·86	−0·92	−3·82	−6·14	+3·89	−0·39	−20·25
	Brahmunberiah	−0·77	+2·55	−3·91	−3·60	+7·14	−1·30	+4·41	−5·24	−8·03	−1·61	+2·62	−0·28	−1·72

District.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
EAST BENGAL —concluded.														
Mymensingh	Kishoregunge	−0.57	+2.85	−1.11	−0.01	+12.97	+7.89	+2.35	+0.49	−6.90	−1.81	+1.26	−0.32	+17.09
	Atia	−0.43	+1.36	+2.60	−0.31	+6.75	+0.06	−4.86	−7.96	−6.27	−4.56	+0.36	−0.10	−13.32
	Mymensingh	−0.32	+3.21	−0.15	−0.10	+7.46	−4.89	−3.64	−1.03	−9.99	−2.20	+2.06	−0.18	−10.35
	Jamalpore	−0.27	+2.18	+0.50	+0.14	+5.19	−3.50	+2.21	+1.60	−10.71	−2.74	+1.67	−0.28	− 4.01
	Netrokona	−0.19	+2.96	+0.10	+1.51	+5.79	+10.61	−2.07	−2.22	−8.04	−2.30	+1.34	−0.17	+ 7.32
NORTH BENGAL.														
Pubna	Pubna	−0.36	+1.05	+2.41	−0.94	+5.29	−5.81	−3.50	−8.54	−8.53	−3.77	+0.84	−0.14	−22.09
	Serajgunge	−0.28	+1.36	+0.95	+1.51	+1.88	+2.03	−1.69	−3.59	−5.71	−0.76	+0.68	−0.14	− 3.86
Bogra	Sherpore	−0.24	+1.75	+0.60	+0.61	+3.36	−6.27	−6.82	−7.80	−4.24	−1.53	+1.22	−0.22	−19.58
	Nowkhilla	−0.32	+2.39	+1.27	+0.29	+6.73	−1.51	−3.40	−5.49	−6.11	−3.17	+2.14	−0.15	− 7.42
	Bogra	+0.07	+4.04	+2.61	−1.85	+1.15	−5.45	−4.11	−5.92	−7.54	−2.98	+3.33	−0.13	−16.78
	Panchbibi	+0.04	+3.85	+0.88	−0.86	+5.03	−3.98	−0.24	−3.07	−6.26	−1.85	+0.28	−0.19	− 6.35
Rajshahye	Beauleah	+0.20	+0.02	+3.87	−1.24	+5.38	−3.32	+4.08	−6.12	−8.90	−2.37	+0.17	−0.11	− 8.34
	Nattore	+0.03	−0.06	+5.36	−0.97	+10.57	−1.98	+0.78	+0.95	−7.69	−2.76	+1.18	−0.11	+ 5.30
	Naogaon	−0.05	+1.99	+1.47	+0.51	+3.15	−8.88	+0.48	−4.81	−7.02	−1.84	+1.73	−0.17	−13.44
Maldah	Maldah	+0.65	+1.03	+3.06	−0.50	+4.90	−4.81	+0.65	−6.55	−5.87	−3.23	+0.10	−0.18	−10.75
	Chanchal	−0.11	+0.58	+1.41	−0.79	−1.63	−6.61	−0.88	−11.09	−6.98	−2.18	−0.19	−0.08	−28.55
Dinagepore	Mohadebpore	+0.16	+1.43	+3.02	+0.63	−1.58	−9.44	+1.10	−8.96	−7.30	−2.06	+0.60	−0.17	−22.57
	Churamon	+0.13	+1.30	+1.99	−0.55	+3.02	−7.56	+3.48	−5.92	−6.02	−0.98	−0.10	−0.16	− 6.28
	Raigunge	−0.03	+0.09	+1.73	−0.68	+2.17	−2.93	+13.81	−7.66	−4.59	−2.98	−0.09	−0.15	− 1.31
	Dinagepore	+0.12	+0.86	+1.51	−1.57	+5.51	−12.54	+6.63	−9.09	−9.10	−4.51	−0.09	−0.11	−22.38
	Baloorghat	−0.30	+3.26	+0.98	−0.31	+0.77	−4.21	+3.31	−3.60	−8.49	−1.51	+0.05	−0.25	−10.30
Rungpore	Bhawanigunge (*Gyabanda*)	−0.35	+3.59	+0.54	−1.38	+6.81	−8.91	+6.92	−4.48	−8.23	−1.48	+0.35	−0.17	− 6.79
	Rungpore	−0.21	+1.11	+0.54	−1.42	+8.12	−8.23	+4.06	−7.90	−8.34	+5.14	−0.01	−0.10	− 7.24
	Kurigram	−0.30	+1.97	+0.66	−1.81	+3.09	−12.75	+6.34	−8.49	−10.38	−0.08	−0.09	−0.17	−22.01
	Bagdogra (*Nilphamari*)	+0.24	+0.93	+2.50	−1.80	+0.35	−18.32	+12.62	−11.58	−13.82	−4.50	−0.02	−0.21	−33.01
Julpigoree	Julpigoree	−0.50	+0.69	+0.59	−1.68	+0.70	−18.75	−6.82	−13.15	−16.48	−4.12	−0.10	−0.09	−59.71
Cooch Behar	Dinhatta	−0.40	+2.08	+1.45	+1.12	−0.39	−13.04	+9.52	−8.95	−12.98	−4.17	−0.06	−0.23	−26.05
	Cooch Behar	−0.25	+1.00	+0.74	−0.62	+1.17	−16.61	+4.69	−13.43	−11.91	−3.67	−0.07	−0.11	−38.47
	Mickligunge	−0.30	+1.32	+1.29	−0.77	+3.59	−12.13	+1.88	−9.24	−11.66	−1.50	−0.07	−0.18	−27.82
	Matabhanga	−0.31	+1.00	+0.33	−0.33	+4.31	−12.82	+1.54	−13.21	−6.49	−5.50	−0.03	−0.14	−31.44
Darjeeling Hill.	Buxa	−0.73	+0.17	−0.04	−2.40	−1.45	−19.24	−10.66	−21.70	−0.13	−5.04	−0.02	−0.50	−76.74
	Siliguri	−0.59	+0.64	+1.03	−2.35	+1.36	−16.84	−15.06	−10.44	+0.89	−2.89	−0.32	−0.09	−44.66
	Darjeeling	+0.03	−0.08	+1.61	−3.43	+8.11	−9.53	−2.96	−3.18	−11.92	−6.08	−0.13	−0.26	−27.82
	Kalimpong	−0.48	+0.15	+1.02	−2.36	+5.18	−12.80	−7.43	−8.48	−1.75	−1.87	−0.25	−0.30	−29.37
NORTH BEHAR.														
Purneah	Kissengunge	−0.22	+0.94	+1.73	−1.07	+7.32	−11.00	+0.22	−9.31	−8.37	−3.25	−0.05	−0.15	−23.21
	Arrareah	+0.13	+0.36	+1.07	+0.03	+6.68	−5.54	−4.76	−6.27	−8.34	−1.91	−0.05	−0.10	−18.70
	Purneah	+0.10	+1.90	+1.72	−1.33	+4.82	−5.52	−4.92	−10.06	−7.82	−2.90	−0.08	−0.16	−24.93
North Bhagulpore.	Maddapore	+0.38	+3.39	+2.26	−0.98	+2.82	−4.06	−1.67	−5.08	−8.67	−3.50	−0.06	−0.09	−15.26
	Soopool	+0.38	+1.19	+1.70	−0.79	+1.73	−3.94	−5.43	−0.66	−6.93	−1.26	−0.04	−0.12	−20.17
Durbhunga	Tajpore	+0.68	−0.15	+1.79	−0.36	+1.18	+3.91	+6.49	−3.07	−5.89	−2.99	−0.09	−0.08	+ 1.42
	Durbhunga	+0.54	+0.51	+1.83	−0.69	+0.88	−2.37	−1.43	+3.32	−6.27	−1.97	−0.06	−0.17	− 5.88
	Madhubani	+0.46	+0.64	+2.24	−1.01	+2.70	−2.30	−2.72	−1.21	−8.91	−1.03	−0.03	−0.08	−11.25
Mozufferpore	Sitamarhi	+0.50	+0.80	+1.25	−1.18	+3.43	+8.37	+2.68	−1.01	−7.64	−0.30	−0.01	−0.12	+ 6.70
	Mozufferpore	+0.66	−0.16	+1.42	−0.58	−0.00	−0.70	+0.26	−3.01	−9.07	−3.24	−0.09	−0.13	−15.24
	Hajipore	+1.11	−0.22	+3.93	−0.19	−0.42	+4.07	−3.80	−6.16	−3.68	−3.39	−0.14	−0.12	− 9.01
Chumparun	Motihari	+0.50	+0.57	+2.72	−0.78	+4.29	+0.89	−0.49	+2.07	−5.00	+0.49	−0.02	−0.18	+ 5.06
	Bettiah	+0.23	−0.13	+2.38	−0.75	+3.29	−1.29	−3.02	−7.45	−6.94	−0.19	−0.01	−0.24	−16.12
Sarun	Gopalgunge	+0.36	−0.22	+1.85	−0.29	−0.46	+5.22	−1.61	−5.16	−3.13	−3.14	−0.13	−0.17	− 6.79
	Sewan	+0.54	−0.29	+1.39	−0.27	−0.42	+6.57	−8.52	−2.31	−2.06	−3.23	−0.11	−0.15	− 8.86
	Chuprah	+0.68	−0.12	+2.28	−0.28	−0.36	−1.30	−5.16	−3.35	−4.02	−3.22	−0.29	−0.18	−15.41
SOUTH BEHAR.														
Shahabad	Buxar	+0.43	−0.14	+1.22	−0.17	−0.75	−2.73	−8.60	−2.09	−2.14	−2.15	−0.17	−0.23	−17.52
	Dehree	+0.80	+0.10	+1.56	−0.08	−1.03	−0.18	−6.91	+0.82	−2.01	−2.39	−0.25	−0.57	−11.04
	Bhubbooah	+0.82	+0.35	+0.18	−0.12	−0.81	−4.12	−6.75	+4.90	−1.13	−2.84	−0.49	−0.36	−10.35
	Sasseram	+0.99	−0.15	+1.09	+0.09	+1.00	−2.66	−9.00	−1.54	−1.07	−2.91	−0.21	−0.29	−15.17
	Arrah	+1.69	−0.20	+2.72	−0.22	−0.45	+1.31	−5.88	−5.04	−0.47	−2.07	−0.15	−0.21	− 8.95
Gya	Aurungabad	+0.78	−0.05	+2.11	−0.10	−0.33	−1.94	−6.31	−2.25	−4.56	−2.39	−0.24	−0.36	−15.34
	Gya	+1.15	−0.08	+2.10	−0.31	−1.35	+0.19	−5.46	+0.79	−3.08	−0.55	−0.27	−0.25	− 7.12
	Nowada	+0.28	+0.46	+3.52	−0.24	+1.17	+1.11	−0.14	+0.81	−2.77	−2.27	−0.19	−0.23	+ 0.51
	Jehanabad	+1.25	+0.25	+1.44	−0.15	−1.68	+0.56	+0.18	−7.56	−3.81	−1.56	−0.25	−0.19	−11.52
Patna	Patna	+1.65	−0.12	+2.36	−0.23	−0.17	+3.63	−4.36	−4.85	−3.64	−1.61	−0.15	−0.17	− 7.66
	Dinapore	+1.35	+0.20	+4.88	−0.23	+1.90	+6.18	−5.18	−5.27	+1.36	−2.86	−0.14	−0.19	+ 2.00
	Behar	+1.33	−0.18	+1.78	−0.03	+1.65	−1.92	+3.38	−2.82	−2.12	−2.06	−0.24	−0.14	− 1.42
	Barrh	+1.03	−0.13	+1.56	−0.12	+1.50	+4.94	+1.23	+0.02	−4.30	−2.63	−0.23	−0.13	+ 2.69
Monghyr	Beegooserai	+0.69	−0.24	+2.57	−0.36	+0.13	+0.17	−0.45	−0.09	−5.41	−1.43	−0.20	−0.09	− 5.73
	Monghyr	+0.56	+0.14	+3.22	−0.22	+5.05	−1.90	+0.59	−3.67	−5.99	+0.74	−0.14	−0.09	− 1.71
	Jamui	+0.51	+1.50	+1.53	−0.47	−0.32	+0.91	−0.65	−0.80	−5.05	−1.71	−0.09	−0.09	− 4.64
South Bhagulpore.	Bhagulpore	+0.43	+0.73	+2.74	−0.77	+5.43	−3.68	+6.99	−3.35	−4.19	−3.01	−0.26	−0.10	+ 0.66
	Banka	+0.07	+0.25	+4.22	−0.28	+3.10	−0.14	+2.40	+1.49	−1.65	−2.82	−0.13	−0.14	+ 6.37
Sonthal Pergunnahs.	Rajmehal	+0.38	+0.61	+2.53	−0.58	+3.04	−4.37	+0.31	−4.82	−8.29	+1.24	+0.01	−0.06	−10.00
	Godda	+0.40	+1.06	+3.16	−0.49	+1.62	−3.54	+4.81	−3.29	−3.98	−1.62	−0.10	−0.13	− 1.90
	Pakour	+1.02	+1.15	+2.36	−0.45	+8.32	−6.83	−1.64	−5.46	−7.84	+2.42	+1.74	−0.09	− 5.30
	Nya Doomka	+0.79	−0.02	+5.21	−0.72	+4.34	−4.97	−2.17	+1.51	−6.30	−3.74	+0.18	−0.22	− 6.11
	Deoghur	+0.81	+0.82	+2.59	−0.18	+0.99	−5.09	−0.98	−3.24	−4.46	−3.36	−0.04	−0.18	−12.32
	Jamtara	+0.90	−0.16	+6.32	−0.36	+4.99	−2.03	+2.91	+0.87	+0.91	−1.41	+0.01	−0.15	+12.80
CHUTIA NAGPUR.														
Hazaribagh	Pachamba (*Giridi*)	+0.97	+0.26	+3.44	−0.64	+8.81	−3.17	+2.73	−3.05	−1.49	−2.05	−0.22	−0.18	− 0.49
	Hazaribagh	+0.33	−0.66	+1.94	−0.34	+2.31	−3.24	−1.83	+0.68	+0.66	−2.99	−0.11	−0.31	− 3.57
	Semtagurah	+0.99	−0.51	+1.26	−0.30	+1.22	−5.26	−3.39	−1.72	−2.18	−2.53	−0.82	−0.32	−13.06
	Mahudi Hills	+0.62	−0.58	+2.50	−0.06	+0.68	−2.60	−1.88	−3.86	+2.85	−2.20	−0.46	−0.30	− 5.20
	Jhoomrah Hill	+1.30	−0.01	+3.47	0	−0.39	−6.84	+0.93	−1.78	−0.13	−1.58	−0.43	−0.20	− 5.94
Lohardugga	Lohardugga	+0.33	−0.28	+4.37	−0.01	+1.07	−5.50	+1.66	−3.76	−0.51	−1.86	−0.46	−0.51	− 5.55
	Ranchee	+0.08	−0.82	+6.98	−0.56	+0.74	−5.73	−3.90	−2.91	+4.74	−2.85	−0.14	−0.29	− 4.66
	Palamow	+0.02	−0.26	+2.20	+0.03	−0.53	−5.07	−0.54	+9.15	+2.78	−2.74	−0.39	−0.30	+ 4.31
Singbhoom	Chyebassa	−0.73	−0.06	+3.90	−0.58	+0.11	−4.56	−4.70	+3.47	+2.98	−1.63	+0.24	−0.37	− 1.93
Manbhoom	Purulia	−0.10	+1.89	+2.75	−0.85	+2.06	−1.62	+3.36	−3.01	+0.61	−2.87	+0.22	−0.24	+ 2.20
	Gobindpore	+0.63	−0.43	+4.81	+0.02	+1.43	−4.49	+2.53	−2.86	−3.36	−3.04	−0.15	−0.19	− 5.19

METEOROLOGICAL OFFICE, BENGAL,
The 23rd February 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 14th to 20th February 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Maximum.	Range.	Minimum.	Hygrometry. Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Wind. Prevailing direction.	Miles recorded.	Rain.	Weather.
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Feb.	14th	137·0	4·0	29·881	73·2	83·7	18·3	65·4	65·0	0·509	59·4	63	NNW and variable	80	Nil	Chiefly cloudy, o.
,,	15th	125·8	2·5	·902	69·1	73·6	9·1	64·5	65·4	·579	63·1	82	SSW, NNW and NNE.	83	0·04	Chiefly cloudy, o, g, d, t, ≕.
,,	16th	136·5	10·0	·996	69·2	81·0	21·6	59·4	59·2	·374	50·9	56	NNW and N ...	120	Nil	Clear, ⌓.
,,	17th	136·8	9·9	30·005	66·8	81·5	29·3	52·2	56·9	·335	48·0	55	NNW, WNW and variable.	57	,,	Clear, ⌓.
,,	18th	138·5	10·2	29·967	69·6	85·4	28·7	56·7	60·4	·407	53·2	60	WSW and NNW...	69	,,	Clear, ⌓.
,,	19th	141·5	10·0	·916	71·4	87·3	30·0	57·3	62·2	·480	57·8	64	WSW and SSW ...	113	,,	Clear, ⌓.
,,	20th	142·0	9·5	·839	76·0	89·8	25·3	64·5	67·6	·564	62·4	62	SSW and WSW ...	131	,,	Chiefly clear, ⌓.

	Inches.
The mean pressure of the seven days	29·929
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·950
	Hours.
The total number of hours of bright sunshine	56·1
The maximum possible number of hours of sunshine	79·8
	°
The mean temperature of the seven days	70·8
The average temperature of the corresponding period for 24 years, S.-G.'s Office	73·4
The extreme variation of temperature	37·6
The maximum temperature	89·8
	Miles.
The highest velocity of the wind in one hour	12
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	63
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	67
	Inches
The total fall of rain from 14th to 20th February 1892	0·04
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·30
The total fall from 1st January to 20th February 1892	0·04
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	1·29

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; d, drizzling rain; t, thunder; ⌓, dew; ≕, fog.

C. Little,
For Meteorological Reporter to the Govt. of India.

Meteorological Office, Govt. of India;
Calcutta, the 22nd February 1892.

Meteorological Report of the Province of Bengal

STATION OBSERVATIONS.

Meteorological Division.	District.	Representative station.	Air pressure. Mean barometric height, 8 A.M.	Air pressure. Mean reduced to sea-level and to lat. 45°.	Air pressure. Variation from mean.	Wind. Prevailing direction.	Wind. Mean wind velocity.	Temperature. Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Pooree	Pooree ...	29·987	29·936	—	NWly	271	85·7	17th Feb.	62·6	17th Feb.	83·5	68·7	76·2	—	73·2
		Gopalpore ...	29·985	29·946	+·020?	NNW	274	84·2	16, 18 & 20th ,,	61·9	18th ,,	83·5	64·7	74·1	—0·9	69·2
		False Point ...	29·997	29·960	—·010	N & W	233	84·4	16 & 20 ,,	58·5	17th ,,	82·5	65·0	73·8	—0·1	71·6
	Cuttack	Cuttack ...	29·025	29·950	—·013	Nly & Calm	49	93·9	20th ,,	59·8	17th ,,	90·0	63·6	76·8	—1·1	68·9
	Balasore	Balasore ...	29·936	29·941	—·031	NNW	123	90·4	20th ,,	57·6	17th ,,	85·0	62·5	73·8	+2·6	68·0
South-West Bengal.	South-West Midnapore, South 24-Pergunnahs	Saugor Island	29·975	29·945	—·020	Variable	278	84·2	20th ,,	57·9	17th ,,	81·6	67·5	74·6	+1·2	71·9
	Midnapore	Midnapore ..	29·858	29·959	—·023	Variable	290	92·3	20th ,,	56·2	17th ,,	85·6	60·8	73·2	+3·2	66·8
	24-Pergunnahs ..., Howrah ..., Hooghly ...	Calcutta ...	29·984	29·952	—·022	Variable	89	87·1	20th ,,	52·2	17th ,,	82·6	60·0	71·3	+0·4	65·4
	Burdwan	Burdwan ..	29·912	29·963	—·015	Calm	46	89·1	20th ,,	52·3	17th ,,	82·3	58·7	70·5	+0·3	63·8
	Bankoora	Bankoora ...	29·675	29·937	—·023	NWly	66	89·1	20th ,,	53·8	17th ,,	82·4	59·0	70·7	+0·9	63·6
	Beerbhoom ..., West Burdwan ..	Raneegunge	29·659	29·971	—·029	?	?	88·3	20th ,,	54·7	17th ,,	80·9	59·1	70·0	+1·4	62·8
	Moorshedabad	Berhampore ..	29·928	29·947	—·032	Variable	56	85·6	20th ,,	53·2	17th ,,	79·4	58·0	68·7	+0·1	61·3
	Nuddea	Krishnaghur...	29·957	29·955	+·002	WNW	93	88·6	20th ,,	49·2	17th ,,	81·5	56·6	68·6	+0·8	63·1
	Jessore ..., Khoolna ...	Jessore ...	29·971	29·952	—·018	Wly & Calm.	66	87·7	20th ,,	52·5	18th ,,	81·3	58·4	69·9	+0·6	63·6
East Bengal.	Chittagong	Chittagong ...	29·913	29·951	—·027	Calm	69	88·7	14th ,,	54·1	17th ,,	85·9	59·1	72·5	+2·4	65·7
	Chittagong Hill Tracts	Domagiri ...						Observations not received.								
	Backergunge	Barrisal ...	30·006	29·954	+·014	Calm	55	85·3	20th Feb.	53·1	17th ,,	82·2	59·6	70·9	+2·2	67·5
	Noakhally...	Noakholly* ...	29·945	29·936	—·036	Variable	65	84·5	14 & 15 ,,	49·0	17th ,,	82·3	56·6	69·5	+1·9	66·6
	Furreedpore	Furreedpore ...	29·977	29·964	—·008	Calm	43	84·0	20th ,,	49·0	17th ,,	76·6	53·7	66·2	0	64·2
	Dacca	Dacca ...	29·979	29·949	—·022	Variable	71	84·1	20th ,,	53·3	17th ,,	79·7	58·9	69·3	—0·2	63·5
	Commillah	Commillah ...	29·969	29·953	—·013	SE	37	84·4	20th ,,	50·1	17th ,,	81·3	56·5	68·9	+1·3	63·7
	Mymensingh	Mymensingh	29·949	29·962	—·020	ENE	80	80·0	14 & 20 ,,	51·1	17th ,,	76·0	56·2	66·1	+1·1	60·3
North Bengal.	Bogra	Bogra ..	29·922	29·939	—·009	Ely	53	83·3	20th ,,	49·2	17th ,,	79·2	54·5	66·9	+1·6	59·4
	Pubna	Serajgunge ..	29·949	29·947	—·017	Variable	23	83·3	14th ,,	48·5	17th ,,	79·1	53·7	66·4	+1·9	62·0
	Rajshahye	Rampore Beauleah.	29·924	29·917	—·005	Variable	64	82·8	20th ,,	53·7	17th ,,	78·0	56·7	67·3	+2·5	62·5
	Maldah	Maldah ...	29·032	29·967	—	SW	79	85·8	20th ,,	50·5*	17th ,,	79·7*	53·3*	66·5*	—	64·7
	Dinagepore	Dinagepore ...	29·862	29·940	—·044	W	48	83·1	14th ,,	46·5	18th ,,	79·3	52·5	65·9	+1·9	58·2
	Rungpore	Rungpore ...	29·886	29·970	—·009	W	34	80·4	14th ,,	40·8	17th ,,	76·9	51·0	64·3	+1·2	58·6
	Julpigoree ..., Cooch Behar ...	Julpigoree ..	29·708	29·960	—·016	NE	67	79·4	15th ,,	48·1	17th ,,	75·8	54·5	65·2	+2·3	60·1
	Darjeeling Hill Tracts...	Darjeeling ...	22·912	—	—·036	Sly	223	44·4	14th ,,	29·3	16th ,,	42·3	33·3	37·8	—2·3	38·0
North Behar.	Purneah ..., North Bhagulpore ...	Purneah ...	29·864	29·950	—·025	Calm	40	83·2	14, 15, 20,,	43·3	17th ,,	80·1	50·2	65·2	+0·4	56·4
	Mozufferpore	Mozufferpore	29·803	29·945	—	WSW	86	82·2	20th ,,	49·3	17th ,,	78·0	53·5	65·8	—	58·8
	Durbhunga	Durbhunga ...	29·841	29·970	—·011	SWly & Calm.	75	81·1	20th ,,	52·4	17th ,,	77·8	55·7	66·8	+2·3	60·4
	Chumparun	Motihari ..	29·763	29·947	—·013	Variable	161	83·2	20th ,,	44·9	17th ,,	79·8	49·8	64·8	+3·5	58·6
	Sarun	Chupra ..	29·804	29·917	—·016	S & Calm	78	84·3	20th ,,	52·6	16th ,,	78·9	56·3	67·6	+3·5	62·[illegible]
South Behar.	Shahabad	Dehree ...	29·636	29·957	—·026	SSW	125	87·8	20th ,,	40·0	16th ,,	80·1	51·8	66·0	+0·3	64·[illegible]
		Buxar ...	29·755	29·961	—·030	NW	92	85·0	20th ,,	52·9	16th ,,	79·0	57·2	68·1	+3·2	63·[illegible]
		Arrah ..	29·798	29·949	—·010	Variable	68	85·4	20th ,,	44·1	16 & 17 ,,	79·1	40·0?	68·0?	—1·1?	61·[illegible]
	Gya	Gya ...	29·616	29·963	—·023	S	134	86·8	20th ,,	53·8	16th ,,	80·6	57·4	69·0	+0·3	63·[illegible]
	Patna	Bankipore ..	29·812	29·855	—·034	W	84	80·8	20th ,,	52·4	16th ,,	76·2	56·5	66·3	+1·4	64·[illegible]
	South Bhagulpore ..., Monghyr ...	Bhagulpore ...	29·824	29·944	—·015	Calm	12	85·7	20th ,,	52·0	17th ,,	80·5	56·6	68·6	+4·5	62·[illegible]
	Sonthal Pergunnahs ...	Doomka ...	29·482	29·950	—·020	Calm	55	85·3	20th ,,	54·1	17th ,,	79·2	57·4	68·4	+1·2	61·2
Nagpur.	Hazaribagh	Hazaribagh ...	27·940	29·959	—·024	SWly	196	83·2	20th ,,	51·0	17th ,,	75·7	55·1	65·4	—0·1	61·7
	Lohardugga ..., Manbhoom ...	Ranchee ...	27·815	29·946	—·010	Calm	138	83·4	20th ,,	40·4	16th ,,	74·3	54·7	64·5	—0·8	6[illegible]·8
	Singbhoom	Chyebassa ...	29·218	29·954	—·007	SWly	40	88·9	20th ,,	54·2	16th ,,	82·6	58·2	70·4	+0·8	6[illegible]·4

* Mean of 6 days. | † Means of 5 days.

Explanation.—*Summary.*—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last
The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the past stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 20th of February 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	Of week. Mean for district.	Of week. Normal mean.	District observations. Rainfall. Since 1st of month. Mean for district.	Normal mean.	Variation.	Since 16th October 1891. Mean for district.	Normal mean.	Variation.	Of week. Average number of rainy days.	Normal number of rainy days.	Representative station.	District.	Meteorological Division.
75	2·3	Nil	0·22	0·18	0·22	0·70	−0·48	8·56	7·35	+1·21	0 50	0 34	Pooree ...	Pooree	Orissa.
76	0·3	Nil											Gopalpore ...		
79	2·3	0·42											False Point ...		
70	1·9	Nil	0·27	0·13	0·27	0·63	−0·33	7·96	5·05	+2·91	0·40	0·25	Cuttack ...	Cuttack	
74	0·7	0·60	0·09	0·21	0·13	0·76	−0·63	4·12	4·05	+0·07	0·33	0·31	Balasore ...	Balasore	
78	2·0	Nil	Nil	0·12	Nil	0·98	−0·98	2·54	5 65	−3·11	0·00	0·29	Saugor Island ...	South-West Midnapore South 24-Pergunnahs	South-West Bengal.
72	1·3	0·17	0·15	0 10	0·15	0·76	−0·61	0·43	3·21	−2·78	0·67	0·26	Midnapore ...	Midnapore	
82	2·9	0·04	0·07	0·12	0·14	1·00	−0·86	0·60	3·37	−2·77	0·30	0·29	Calcutta ...	24-Pergunnahs ... Howrah ... ... Hooghly	
69	2·9	0·1[illegible]	0·08	0·09	0·09	0·80	−0·71	0 63	2·95	−2·32	0·33	0·17	Burdwan ...	Burdwan	
77	2·7	0·10	0·38	0·12	0·40	0·58	−0·18	0·96	2·63	−1·67	1·25	0·33	Bankoora ...	Bankoora	
77	2·9	0·42	0·56	0·06	0·66	0·85	−0·19	2·01	2·44	−0·43	1·25	0·44	Raneegunge ...	Beerbhoom ... ... West Burdwan ...	
85	8·1	0·54	0·64	0·06	0·65	0·70	−0·05	1·99	2·18	−0·19	1·00	0·20	Berhampore ...	Moorshedabad ...	
75	8·0	Nil	0·06	0·06	0·10	0·85	−0·75	0·84	3·00	−2·16	0·20	0·20	Krishnagur ...	Nuddea	
84	2 9	Nil	0·01	0·15	0·06	0·85	−0·79	1·01	3·68	−1·67	0·00	0·31	Jessore ...	Jessore ... ... Khoolna	
74	1 0	Nil	Nil	0·10	Nil	0·58	−0·58	3·00	6·19	−3·19	0·00	0·26	Chittagong ...	Chittagong	East Bengal.
			Nil	0·05	Nil	0·79	−0·79	3·33	5 78	−2·45	0·00	0·25	Demagiri ...	Chittagong Hill Tracts	
82	0·9	Nil	Nil	0·12	Nil	0·78	−0·78	1·34	4·99	−3·65	0·00	0 32	Barrisal ...	Backergunge	
90	0	Nil	0·20	0·10	0 27	0·80	−0·53	2·70	6 29	−3·59	0·50	0·44	Noakhally ...	Noakhally	
90	2·6	Nil	Nil	0·20	0·76	0·87	−0·11	2·70	3·12	−0·42	0·00	0·31	Furreedpore ...	Furreedpore	
90	5·3	0·[illegible]2	Nil	0·17	0·83	0·90	−0·07	3·30	3·73	−0·43	0·00	0·25	Dacca ...	Dacca	
83	2 6	Nil	Nil	0·14	0·36	0·81	−0·45	6·03	3·93	+2·10	0·00	0 36	Commillah ...	Commillah	
85	3·4	0·23	0·10	0 09	0·88	0·76	+0·12	2·79	3 13	−0 34	0·40	0·12	Mymensingh ...	Mymensingh	
83	2·0	0·31	0 35	0·00	0·35	0·68	−0·33	2·69	2·42	+0·27	1·25	0·22	Bogra ...	Bogra	North Bengal.
85	3·0	0·16	0·11	0·07	0·18	0·94	−0·76	1·23	3·10	−1·87	0·50	0·16	Serajgunge ...	Pubna	
81	2·7	0·65	0·62	0·09	0·62	0 59	+0·03	1·84	2·26	−0·42	1·33	0·23	Rampore Beauleah	Rajshahye	
73	2·3	0·70	0·44	0·07	0·44	0·46	−0·02	0·38	2·24	−1·66	1·50	0·20	Maldah ...	Maldah	
83	2·1	0·30	0·34	0·05	0·34	0·41	−0·07	0·53	1·71	−1·18	1·00	0·26	Dinagepore ...	Dinagepore	
87	1·0	0·28	0·34	0·06	0·36	0·37	−0·01	0·53	2·02	−1·49	1·25	0 14	Rungpore ...	Rungpore	
88	1·9	1·02	0·28	0·11	0·40	0·35	+0·05	0·40	2 22	−1·82	0·60	0 28	Julpigoree ...	Julpigoree ... ... Cooch Behar	
87	6·0	1·92	1·05	0·19	2·10	0·52	+1·58	3·19	3·77	−0·3[illegible]	2·25	0 61	Darjeeling ...	Darjeeling Hill Tracts	
86	2·1	0·08	0·17	0·03	0·22	0·41	−0·19	0·22	2 07	−1·85	0·80	0·13	Purneah ...	Purneah ... ... North Bhagulpore ...	North Behar.
90	0·9	0·65	0·66	0·03	0·70	0·32	+0·38	0·79	1·98	−1·19	1·33	0 19	Mozufferpore ...	Mozufferpore	
81	1·9	0·86	0·70	0·01	0·71	0·41	+0·30	0·72	1·93	−1·21	1·00	0·16	Durbhunga ...	Durbhunga	
79	0·9	Nil	Nil	0·07	0·13	0·32	−0·19	0·13	1·55	−1·42	0·00	0·17	Motihari ...	Chumparun	
80	1·4	0·82	0·63	0·06	0·74	0·40	+0·34	0 79	2·10	−1·31	1·33	0·18	Chupra ...	Sarun	
75	1·3	0·14													
80	1·7	0·99	0·89	0·03	1·22	0·34	+0·88	1·39	2·49	−1·10	1·49	0·12	Dehree ...	Shahabad	South Behar.
36	1·4	1·17											Buxar ...		
													Arrah ...		
67	2·0	0·22	0·26	0·04	0·61	0·37	+0·24	0·94	2·10	−1·16	1·00	0·20	Gya ...	Gya	
73	1·7	1 21	0·60	0·03	0·[illegible]2	0·35	+0·27	0·50	2·24	−1·44	1·50	0 18	Bankipore ...	Patna	
75	2·0	0 19	0·44	0·08	0·46	0·45	+0·01	0·53	2 31	−1·78	1·20	0·30	Bhagulpore ...	South Bhagulpore ... Monghyr	
80	2·9	1·04	0·72	0·05	0 81	0·39	+0·42	1·30	2·63	−0·73	1·00	0·23	Doomka ...	Sonthal Pergunnahs ..	
05	2·6	0·96		0·05		0·51			2·28			0 19	Hazaribagh ...	Hazaribagh	Chutia Nagpur.
68	3·0	1·31	0·50 0·82	0·17 0·04	1·32 0·97	0·64 0·80	+0·68 +0·17	1·50 1·43	3·01 2 62	−1·51 −1·19	1·33 1·50	0·32 0·29	Ranchi ...	Lohardugga ... ... Manbhoom	
73	2·9	1·28	1·18	0·04	1·18	0·71	+0·47	1·72	3·31	−1·59	2·00	0·25	Chyebassa ...	Singbhoom	

ten years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater. denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal means ten years. The means of the district are the numerical average of the rainfall return received in the district, *i.e.*, from total rainfall at the subdivisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 20th of February 1892.

Meteorological division.	District.	Station.	Rainfall. Sunday, 14th Feb.	Rainfall. Monday, 15th Feb.	Rainfall. Tuesday, 16th Feb.	Rainfall. Wednesday, 17th Feb.	Rainfall. Thursday, 18th Feb.	Rainfall. Friday, 19th Feb.	Rainfall. Saturday, 20th Feb.	Total— Number of rainy days.	Total— Rainfall of week.	Total— Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
ORISSA	Pooree	Pooree	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·73	15·91	8·24
		Khurdah	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·48	3·74	5·43
		Banpur	......	......	0·45	......	......	......	......	1	0·45	0·35	0·46	0·87	2·23	7·28
		False Point	......	......	0·42	......	......	......	......	1	0·42	0·10	0·42	0 70	12·67	8·42
		Gop										?		?		?
		Satpara										?		?		?
		Pipli	......	......	0·56	......	......	......	......	1	0·56	?	0·56	?	7·54	?
	Cuttack	Jagatsingpore	......	......	0·43	......	......	......	......	1	0·43	0·17	0·43	0·60	12·90	5·06
		Banki	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·51	1·17	5·09
		Cuttack	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·55	4·87	5·05
		Kendrapara	......	......	0·91	......	......	......	......	1	0·91	0·07	0·91	0·74	17·63	5·27
		Jajpore	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·73	3·24	4·75
		Dharmsala	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	5·36	?
		Salipore	......	......	0·15	......	......	......	......	1	0·15	?	Nil	?	8·20	?
		Akhyapada	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·74	?
	Balasore	Chandbali	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·76	11·05	5·46
		Bhuddruck	......	......	0·18	......	......	......	......	1	0·18	0·34	0·18	0·93	6·63	4·56
		Sorah	......	......	......	......	......	......	......	Nil	Nil	0·18	0·25	0·54	4·18	3·60
		Balasore	......	......	0·37	......	......	......	......	1	0·37	0·10	0·38	1·02	2·85	5·06
		Jellasore	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·71	0·82	2·75
		Baripodah	0·10	0·10	......	......	......	......	......	2	0·20	0·20	0·37	0·64	0·72	2·91
SOUTH-WEST BENGAL.	Midnapore	Contai	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·94	2·40	6·14
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·91	4·44	6·40
		Tumlook	0·08	......	0·10	......	......	......	......	1	0·18	0·08	0·18	0·85	0·53	3·82
		Midnapore	......	......	0·18	......	......	......	......	1	0·18	0·09	0·18	0·81	0·36	3·77
		Ghattal	0·03	0·02	0·04	......	......	......	......	Nil	0·09	0·12	0·09	0·63	0·42	2·04
		Kukrahaty	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·31	?
		Garbetta	0·23	0·02	0·10	......	......	......	......	2	0·35	?	0·35	?	0·54	?
	24-Pergunnahs	Diamond Harbour	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	1·08	0·70	4·39
		Canning Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·34	?
		Alipore Jail	......	......	......	......	......	......	......	Nil	Nil	0·35	Nil	1·26	0·43	4·30
		Barrackpore	......	......	0·18	......	......	......	......	1	0·18	0·12	0·18	1·09	0·46	3·34
		Dum-Dum	......	......	0·10	......	......	......	......	1	0·10	0·05	0·22	0·87	0·62	3·36
		Baraset	......	......	0·13	......	......	......	......	1	0·13	0·14	0·67	1·04	1·03	3·61
		Busserhat	......	......	0·05	......	......	......	......	Nil	0·05	0·08	0·05	0·77	1·33	3·08
	Howrah	Howrah	......	0·01	......	......	......	......	......	Nil	0·01	0·17	0·01	0·80	0·30	3·55
		Mohesreka	......	......	0·04	......	......	......	......	Nil	0·04	0·05	0·04	0·94	0·45	2·88
		Oolooberiah	......	......	0·04	......	......	......	......	Nil	0·04	?	0·04	?	0·40	?
	Hooghly	Serampore	......	0·09	0·06	......	......	......	......	Nil	0·15	0·09	0·15	1·01	0·66	3·17
		Hooghly	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	1·10	0·33	3 37
		Jehanabad	0·02	0·02	......	......	......	......	......	Nil	0·04	0·07	0·04	1·06	0·34	3·11
	Burdwan	Culna	......	......	......	......	......	......	......	Nil	Nil	0·20	0·02	0·81	0·30	2·97
		Burdwan	0·01	0·06	0·06	......	......	......	......	Nil	0·13	0·06	0·14	0·70	0·42	2·84
		Cutwa	......	0·12	......	......	......	......	......	1	0·12	0·02	0·12	0·90	1·10	3 05
		Raneegunge	0·03	0·39	......	......	......	......	......	1	0·42	0·03	0·49	1·04	1·05	2·59
		Mankur	......	0·29	......	......	......	......	......	1	0 29	?	0·29	?	1·14	?
	Bankoora	Bankoora	0·03	0·13	0·03	......	......	......	......	1	0·19	0·07	0·19	0·69	0·88	2·75
		Bishenpore	......	0·41	......	......	......	......	......	1	0·41	0·16	0·41	0·66	0·78	2·67
		Maliara	......	0·55	......	......	......	......	......	1	0·55	0 07	0·62	0·43	1·27	2·03
		Khatra	0·10	0·25	......	......	......	......	......	2	0·35	0·20	0·35	0·55	0·85	3·06
		Indus	......	......	0·09	......	......	......	......	Nil	0·09	?	0·09	?	0·57	?
		Kotalpore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·30	?
		Anda	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
		Gangajalghati	......	0·38	......	......	......	......	......	1	0·38	?	0·38	?	0·67	?
		Raipore	0·55	0·15	......	......	......	......	......	2	0·70	?	0·70	?	1·52	?
		Sonamukhi	......	0·21	......	......	......	......	......	1	0·21	?	0·21	?	0·72	?
	Beerbhoom	Bh. Soory	......	0·54	......	......	......	......	......	1	0·54	0·06	0·71	0·72	2·16	2·73
		Hetampore	......	0·43	......	......	......	......	......	1	0·43	0·03	0·52	0·92	2·04	2 11
		Rampore Haut	......	0·74	0·12	......	......	......	......	2	0·86	0·11	0·93	0·72	2·81	2·31
		Bolpore	......	0·55	......	......	......	......	......	1	0·55	?	0·55	?	2·65	?
		Murari	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·56	?
	Nuddea	Ranaghat	......	......	......	......	......	......	......	Nil	Nil	0·06	0·08	0·50	0·08	3·03
		Kishnaghur	......	......	......	......	......	......	......	Nil	Nil	0·07	0·03	0·84	1·33	2·61
		Choomdanga	......	......	......	......	......	......	......	Nil	Nil	0 04	Nil	0·87	0·47	3·34
		Meherpore	......	0·18	......	......	......	......	......	1	0·18	0·07	0·18	0·87	0·48	2·77
		Kooshtea	......	0·07	0·03	......	......	......	......	Nil	0·10	0·06	0·20	0·87	1·20	3 36
	Khoolna	Satkhira	......	......	0·07	......	......	......	......	Nil	0·07	0·11	0 11	0·71	3·24	3·42
		Bagirhat	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·90	2·78	4 06
		Khoolna	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·78	3·89	3·69
		Nakipur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·82	?
		Rampal	......	......	......	......	......	......	......	Nil	Nil	?	0·09	?	1·89	?
	Jessore	Narail	......	......	......	......	......	......	......	Nil	Nil	0·35	0·04	0·91	2·17	4·06
		Jessore	......	......	......	......	......	......	......	Nil	Nil	0·11	0·03	0·87	1·46	3·82
		Jhenidah	......	0·02	......	......	......	......	......	Nil	0·02	0·10	0·10	0·90	0·44	3·29
		Magoorah	......	......	......	......	......	......	......	Nil	Nil	0·16	0·22	0·84	0·74	2·73
		Bongong	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·75	0·56	3·28
	Moorshedabad	Kandi	......	0·50	......	......	......	......	......	1	0·50	0·10	0·52	0·82	1·72	2·53
		Berhampore	......	0·54	......	......	......	......	......	1	0·54	0·10	0·56	0·89	1·64	2·52
		Lalbagh	......	0·61	......	......	......	......	......	1	0·61	0·03	0·62	0·67	1·48	1·94
		Azimgunge	......	0·70	......	......	......	......	......	1	0·70	0·04	0·70	0·61	2·56	2·23
		Jungipore	......	0·82	0·06	......	......	......	......	1	0·88	0·03	0·90	0·60	2·33	1·95
		Lalaola	......	0·60	......	......	......	......	......	1	0·60	0·05	0·60	0·62	2·20	1·93
		Akrigunj	......	0·49	......	......	......	......	......	1	0 49	?	0·49	?	2·12	?
		Patkabari	......	0·30	......	......	......	......	......	1	0·30	?	0·30	?	1·40	?
EAST BENGAL	Chittagong	Cox's Bazar	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·46	4·01	7·29
		Chittagong	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·69	1·98	5·17
		Kutubdia	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	5·81	?
		Satkanya	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·78	?
	Chittagong Hill Tracts.	Rangamati	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·79	2·33	5·78
		Bundarbun	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·04	?
	Backergunge	Patuakhally	......	......	......	......	......	......	......	Nil	Nil	0·07	0·08	0·85	0·95	5·53
		Perozepore	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·91	1·69	4 02
		Burrisal	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·74	2·21	4·33
		Bhola	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·57	0·56	4·52

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 20th of February 1892—*contd.*

Meteorological division.	District.	Station.	Rainfall.							Total—			Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
			Sunday, 14th Feb.	Monday, 15th Feb.	Tuesday, 16th Feb.	Wednesday, 17th Feb.	Thursday, 18th Feb.	Friday, 19th Feb.	Saturday, 20th Feb.	Number of rainy days.	Rainfall of week.	Average normal rainfall of week.				
EAST BENGAL —*concld.*		*Gouraaddi* ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·01	?
		Bauphal ...	......	......	......	......	......	......	......	Nil	Nil	?	0·14	?	1·74	?
	Noakholly ...	Noakholly ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·67	2·77	5·40
		Fenny ...	......	0·40	......	......	......	......	......	1	0·40	0·08	0·53	0·91	2·62	7·16
		Harishpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·47	?
		Ramganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·39	?
	Furreedpore...	Madaripore ..	......	......	......	......	......	......	......	Nil	Nil	0·20	0·15	0·69	4·39	2·99
		Furreedpore ..	......	......	......	......	......	......	......	Nil	Nil	0·20	1·34	1·01	2·41	3·12
		Goalundo ..	......	......	......	......	......	......	......	Nil	Nil	0·12	0·78	0·93	1·31	3·26
	Dacca ...	Munshigunge	......	......	......	......	......	......	......	Nil	Nil	0·22	0·54	1·01	4·32	4·26
		Dacca ..	......	......	......	......	......	......	......	Nil	Nil	0·13	1·00	0·83	2·06	2·85
		Naraingunge	......	......	......	......	......	......	......	Nil	Nil	0·12	0·72	0·77	4·06	4·67
		Manickgunge	......	......	0·02	......	......	......	......	Nil	0·62	0·21	1·06	0·95	1·86	8·12
		Joydebpore ..	......	......	......	......	......	......	......	Nil	Nil	?	1·28	?	3·23	?
	Hill Tipperah	Agartola ...	......	......	......	......	......	......	......	Nil	Nil	0·10	0·63	0·86	8·03	4·77
	Tipperah ...	Comilla ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·73	6·42	3·86
		Chandpore ...	......	......	......	......	......	......	......	Nil	Nil	0·10	0·38	0·61	4·83	3·08
		Brahmunberia	......	......	......	......	......	......	......	Nil	Nil	0·12	0·42	1·04	5·01	4·01
		Ramchandrapore ...	......	......	......	......	......	......	......	Nil	Nil	?	0·52	?	3·94	?
		Nasirnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	0·60	?	2·15	?
		Daudkandi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·17	?
		Kasba ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	7·44	?
		Laksham ..	......	......	......	......	......	......	......			?	0·25	?	2·30	?
	Mymensingh..	Kishoregunge	......	......	......	......	......	......	......	Nil	Nil	0·04	0·30	0·71	1·97	3·11
		Atia (*Tangail*)	......	......	......	......	......	......	......	Nil	Nil	0·19	0·82	1·02	1·45	3·17
		Mymensingh	......	......	0·23	......	......	......	......	1	0·23	0·09	1·53	0·75	4·10	3·15
		Jamalpore ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·91	3·00	3·11
		Netrokona ...	......	......	0·26	......	......	......	......	1	0·26	0·01	1·73	0·39	3·44	3·07
		Subornakhali	......	......	0·18	......	......	......	......	1	0·18	?	0·18	?	1·28	?
		Durgapore ...	......	......	0·10	......	......	......	......	1	0·10	?	2·02	?	?	?
		Sherepore Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·08	?
		Dewanganj ...	......	0·23	......	......	......	......	......	1	0·28	?	0·28	?	2·12	?
NORTH BENGAL.	Pubna ...	Pubna ...	......	0·06	......	......	......	......	......	Nil	0·06	0·11	0·20	0·86	1·19	2·95
		Serajgunge ...	......	0·06	0·10	......	......	......	......	1	0·16	0·02	0·16	1·02	1·25	3·25
	Bogra ...	Sherepore ...	......	......	0·33	......	......	......	......	1	0·33	0·09	0·33	0·87	2·97	2·85
		Nowkhilla ...	......	0·29	......	......	......	......	......	1	0·29	0·10	0·29	0·79	2·96	2·68
		Bogra ...	......	0·15	0·16	......	......	......	......	2	0·31	0·09	0·31	0·55	3·91	2·70
		Panchbibi ...	......	0·45	......	......	......	......	......	1	0·45	0·01	0·45	0·49	0·90	1·47
	Rajshahye ...	Beauleah ...	......	0·63	......	......	......	......	......	1	0·63	0·01	0·63	0·62	0·94	2·23
		Nattore ...	......	0·23	0·60	......	......	......	......	2	0·83	0·08	0·83	0·80	2·27	2·75
		Naogaon ...	......	0·40	......	......	......	......	......	1	0·40	0·18	0·40	0·35	2·30	1·79
		Lalpore ...	......	0·30	......	......	......	......	......	1	0·30	?	0·30	?	1·37	?
		Manda ...	......	0·54	......	......	......	......	......	1	0·54	?	0·54	?	1·54	?
	Maldah ..	Maldah ...	......	0·47	0·23	......	......	......	......	2	0·70	0·06	0·70	0·45	0·96	2·48
		Chanchal ...	......	0·18	......	......	......	......	......	1	0·18	0·05	0·18	0·47	0·20	1·99
		Gajol ...	......	0·50	......	......	......	......	......	1	0·50	?	0·50	?	0·65	?
		Sibganj ...	......	0·64	......	......	......	......	......	1	0·64	?	0·64	?	1·57	?
	Dinagepore	Mehadebpore	......	0·48	......	......	......	......	......	1	0·48	0·03	0·48	0·48	1·18	1·53
		Churamon ...	......	0·24	......	......	......	......	......	1	0·24	0·19	0·24	0·44	0·32	1·44
		Raigunge ...	......	0·30	......	......	......	......	......	1	0·30	0·06	0·30	0·51	0·30	1·42
		Dinagepore ...	......	0·28	0·03	......	......	......	......	1	0·31	0·05	0·31	0·38	0·31	2·83
		Balurghat .	......	0·37	......	......	......	......	......	1	0·37	0·03	0·37	0·24	1·54	1·34
		Thakoorgaon	......	0·18	......	......	......	......	......	1	0·18	?	0·18	?	0·18	?
	Rungpore ..	Bhowanigunge (*Gybanda*)	......	0·20	0·10	......	......	......	......	2	0·30	0·13	0·30	0·47	0·84	2·15
		Rungpore ...	......	0·25	0·03	......	......	......	......	1	0·28	0·02	0·28	0·29	0·37	2·53
		Kurigram ...	......	0·45	......	......	......	......	......	1	0·45	0·02	0·45	0·28	0·51	1·73
		Bagdogra (*Nilphamari*)	......	0·33	0·01	......	......	......	......	1	0·34	0·06	0·40	0·43	0·40	1·66
		Ulipore ...	......	......	0·39	......	......	......	......	1	0·39	?	0·39	?	0·87	?
	Jalpigoree ...	Julpigoree ...	......	0·03	0·53	......	......	......	......	1	0·56	0·03	0·60	0·25	0·60	3·06
		Alipore Dooar	......	0·32	0·52	......	......	......	......	2	0·84	?	0·84	?	0·84	?
		Fallacotta ...	0·13	0·29	0·84	......	......	......	......	3	1·26	?	1·26	?	1·26	?
		Debiganj ...	......	0·26	......	......	......	......	......	1	0·26	?	0·31	?	0·31	?
		Bhagatpore (*Nagrakatta*)	0·43	1·12	0·57	......	......	......	......	3	2·12	?	2·25	?	3·66	?
	Cooch Behar	Dinhatta ...	......	0·09	......	......	......	......	......	Nil	0·09	0·08	0·21	0·40	0·21	2·19
		Cooch Behar...	......	0·19	......	......	......	......	......	1	0·19	0·03	0·40	0·23	0·40	1·93
		Mekligunge...	......	0·37	......	......	......	......	......	1	0·37	0·25	0·44	0·48	0·44	2·09
		Matabhanga...	......	0·17	0·02	......	......	......	......	1	0·19	0·18	0·37	0·42	0·57	1·84
	Darjeeling Hill.	Buxa ...	1·20	1·73	0·71	......	......	......	......	3	3·64	0·24	3·75	0·71	6·81	5·63
		Silliguri ...	......	0·35	0·35	0·05	......	......	......	2	0·75	0·17	0·77	0·23	0·77	1·83
		Darjeeling ...	0·05	1·67	0·20	......	......	......	......	2	1·92	0·14	2·45	0·62	2·80	4·99
		Kalimpong ...	0·05	1·16	0·29	......	......	......	......	2	1·50	0·20	1·74	0·51	2·36	2·62
		Kurseong ...	......	1·80	1·26	......	......	......	......	2	3·06	?	3·16	?	3·23	?
NORTH BEHAR	Purneah ...	Kissengunge...	......	0·10	......	......	......	......	......	1	0·10	0·02	0·81	0·38	0·31	2·19
		Arrareah ...	......	0·11	......	......	......	......	......	1	0·11	0·04	0·13	0·40	0·13	1·93
		Purneah ...	......	0·08	......	......	......	......	......	Nil	0·08	0·05	0·08	0·43	0·08	2·58
		Gondwara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Barsoe ...	......	0·20	......	......	......	......	......	1	0·20	?	0·20	?	0·20	?
		Matiari ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Kaliaganj ...	......	......	......	......	......	......	......			?	0·04	?	0·04	?
	North Bhagulpore.	Maddapore ...	......	0·31	......	......	......	......	......	1	0·31	0·05	0·31	0·51	0·81	1·96
		Soopool ..	......	0·23	......	......	......	......	......	1	0·23	0·01	0·23	0·35	0·23	1·75
		Protabganj ...	......	0·28	......	......	......	......	......	1	0·28	?	0·33	?	0·33	?
	Durbhunga ...	Tajpore ...	0·05	0·42	......	......	......	......	......	1	0·42	0·08	0·42	0·35	0·42	1·84
		Duronnuga ...	......	0·86	......	......	......	......	......	1	0·88	0·01	0·90	0·44	0·93	1·93
		Madhubani ...	......	0·81	......	......	......	......	......	1	0·81	Nil	0·81	0·46	0·81	2·04
		Bahera ...	......	0·20	......	......	......	......	......	1	0·20	?	0·20	?	0·20	?
		Roshera ...	......	0·40	......	......	......	......	......	1	0·40	?	0·40	?	0·40	?
	Mozufferpore	Sitamarhi ...	......	0·23	......	......	......	......	......	1	0·23	0·03	0·23	0·23	0·23	1·42
		Mozufferpore	......	0·70	......	......	......	......	......	1	0·70	0·05	0·82	0·37	0·82	2·68
		Hajipore ...	0·20	0·87	......	......	......	......	......	2	1·07	0·02	1·08	0·38	1·33	1·80
		Paru ...	0·70	......	......	......	......	......	......	1	0·70	?	0·70	?	0·70	?
		Mahua ...	0·70	......	......	......	......	......	......	1	0·70	?	0·70	?	0·75	?
		Sinhar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pupri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 20th of February 1892 —concld.

Meteorological division.	District.	Station.	Rainfall. Sunday, 14th Feb.	Monday, 15th Feb.	Tuesday, 16th Feb.	Wednesday, 17th Feb.	Thursday, 18th Feb.	Friday, 19th Feb.	Saturday, 20th Feb.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
NORTH BEHAR —*concluded.*	Chumparun ...	Motihari ...	......	......	......	......	......	......	......	Nil	Nil	0·01	0·11	0·30	0·11	1·52
		Bettiah ...	......	......	......	......	......	......	......	Nil	Nil	0·12	0·15	0·32	0·15	1·56
		Bagaha ...	......	......	......	......	......	......	......	Nil	Nil	?	0·10	?	0·10	?
		Burhurwa ...	......	0·04	......	......	......	......	......	Nil	0·04	?	0·04	?	0·04	?
	Sarun ...	Gopalgunge ...	......	0·12	......	......	......	......	......	1	0·12	0·10	0·15	0·48	0·23	1·88
		Sawan ...	0·83	......	......	......	......	......	......	1	0·83	0·06	0·94	0·42	1·03	2·40
		Chuprah ...	0·18	0·75	......	......	......	......	......	2	0·93	0·02	1·11	0·31	1·11	2·23
SOUTH BEHAR	Shahabad ...	Buxar ...	0·41	0·58	......	......	......	......	......	2	0·90	0·02	1·21	0·27	1·45	2·46
		Dehree ...	0·01	0·13	......	......	......	......	......	1	0·14	0·01	0·47	0·17	1·51	2·33
		Bhaboosh ...	0·23	1·73	......	......	......	......	......	2	1·96	0·04	2·38	0·47	2·31	2·95
		Sasseram ...	0·04	0·35	......	......	......	......	......	1	0·39	0·04	0·87	0·40	0·73	2·48
		Arrah ...	0·95	......	......	......	......	......	......	1	0·95	0·06	1·37	0·37	1·44	2·22
		Mohaniah ...	0·20	1·20	......	......	......	......	......	2	1·10	?	2·15	?	2·36	?
		Khiri ...	3·58	......	......	......	......	......	......	1	3·58	?	4·13	?	?	?
		Ageaon ...	0·20	1·16	......	......	......	......	......	2	1·36	?	1·36	?	?	?
		Rammagor ...	......	0·84	......	......	......	......	......	1	0·84	?	0·84	?	?	?
		Koath ...										?	1·00	?	?	?
		Sikraul ...	0·20	0·80	......	......	......	......	......	2	1·00	?	1·00	?	?	?
		Bassawan ...	0·17	1·50	......	......	......	......	......	2	1·67	?	1·94	?	?	?
		Manahurpur	0·20	1·87	......	......	......	......	......	2	2·07	?	2·54	?	?	?
	Gya ..	Aurungabad ...	0·22	0·22	......	......	......	......	......	2	0·44	0·07	1·27	0·33	1·58	1·84
		Gya ...	......	0·22	......	......	......	......	......	1	0·22	0·04	0·67	0·43	1·52	2·31
		Nowadah ...	0·05	0·23	......	......	......	......	......	1	0·28	Nil	0·44	0·33	0·52	2·18
		Jehanabad ...	0·04	0·07	......	......	......	......	......	Nil	0·11	0·06	0·11	0·34	0·11	2·06
		Arwal ...	0·35	1·05	......	......	......	......	......	2	1·40	?	1·40	?	1·40	?
		Daudnagar ...	0·10	0·14	......	......	......	......	......	2	0·24	?	0·24	?	0·24	?
		Sherghatti ...	0·50	1·02	......	......	......	......	......	2	1·52	?	1·52	?	1·78	?
		Rajauli ...	......	0·30	......	......	......	......	......	1	0·30	?	0·60	?	1·10	?
		Pakri Barawan	......	0·20	......	......	......	......	......	1	0·20	?	0·30	?	0·33	?
	Patna ...	Patna ...	0·21	1·00	......	......	......	......	......	2	1·21	0·01	1·23	0·31	1·50	2·19
		Dinapore ...	0·22	0·42	......	......	......	......	......	2	0·64	0·01	0·68	0·31	0·88	2·13
		Behar ...	......	0·30	......	......	......	......	......	1	0·30	0·08	0·31	0·45	0·36	2·52
		Barrh ...	0·05	0·20	......	......	......	......	......	1	0·25	0·03	0·25	0·37	0·38	2·15
		Bickram ...	0·52	1·43	......	......	......	......	......	2	1·95	?	1·95	?	1·95	?
		Hilsa ...	0·07	0·07	......	......	......	......	......	Nil	0·14	?	0·14	?	0·55	?
	Monghyr ...	Begooserai ...	0·17	0·54	......	......	......	......	......	2	0·71	0·02	0·71	0·40	0·78	2·54
		Monghyr ...	......	0·17	......	......	......	......	......	1	0·17	0·10	0·17	0·48	0·17	2·35
		Jamui ...	......	0·40	......	......	......	......	......	1	0·40	0·13	0·40	0·57	0·50	2·16
		Gogri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura ...	......	0·23	......	......	......	......	......	1	0·23	?	0·23	?	0·23	?
	South Bhagulpore	Bhagulpore ...	......	0·19	......	......	......	......	......	1	0·19	0·09	0·19	0·38	0·20	2·01
		Banka ...	......	0·72	......	......	......	......	......	1	0·72	0·04	0·81	0·42	0·99	2·40
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bongaon ..	......	0·41	......	......	......	......	......	1	0·41	?	0·41	?	0·41	?
	Sonthal Pergunnahs.	Rajmehal ...	......	0·56	......	......	......	......	......	1	0·56	0·03	0·56	0·23	0·70	1·19
		Godda ...	......	0·70	......	......	......	......	......	1	0·70	0·06	0·80	0·39	0·88	1·82
		Pakour ...	......	0·19	......	......	......	......	......	1	0·19	0·01	0·23	0·34	2·08	1·56
		Nya Doomka	......	1·04	......	......	......	......	......	1	1·04	0·10	1·13	0·63	1·51	2·47
		Deoghur .	......	0·90	......	......	......	......	......	1	0·90	0·04	1·01	0·42	1·19	2·[illegible]7
		Jamtara ...	0·06	0·88	......	......	......	......	......	1	0·94	0·04	1·13	0·30	1·43	1·96
		Mohagama ..										?		?		?
		Nanihat ...	......	0·95	......		......	......	......	1	0·95	?	0·95	?	0·95	?
CHUTIA NAGPUR.	Hazaribagh .	Pachamba (Girwa). ...	0·05	0·83	......	......	......	......	......	1	0·88	Nil	1·45	0·53	1·45	2·21
		Hazaribagh ...	0·11	0·85	......	......	......	......	......	2	0·96	0·03	2·00	0·60	2·15	2·58
		Somtaguran	0·65	......	......	......	......	......	......	1	0·65	0·09	1·50	0·50	1·50	1·92
		Mahudi Hills										0·08		0·52		2·33
		Jhoomra Hills										0·07		0·42		2·39
		Barhi ...	0·20	0·70	......	......	......	......	......	2	0·90	?	1·34	?	1·41	?
		Chatra ...	0·03	0·50	......	......	......	......	......	1	0·53	?	1·53	?	1·58	?
		Karagdeha ...	......	0·78	......	......	......	......	......	1	0·78	?	1·64	?	1·81	?
		Ramghar ...										?		?		?
	Lohardugga ..	Lohardugga ...	0·48	......	......	......	......	......	......	1	0·48	0·26	1·70	0·40	1·92	3·15
		Ranchi ...	0·75	0·36	......	......	......	......	......	2	1·11	0·21	1·50	0·94	1·74	3·17
		Palamow ..	0·05	0·13	......	......	......	......	......	1	0·18	0·04	0·77	0·40	0·83	2·71
		Silli ...										?		?		?
		Balumat ...	0·22	0·15	......	......	......	......	......	2	0·37	?	1·18	?	1·18	?
		Hosseinabad	0·09	0·30	......	......	......	......	......	1	0·39	?	1·07	?	1·57	?
		Garwah ...	0·35	0·31	......	......	......	......	......	2	0·66	?	1·39	?	1·49	?
	Singbhoom ...	Chybassa ...	0·27	0·91	......	......	......	......	......	2	1·18	0·04	1·19	0·71	1·72	3·31
		Chakradharpore.										?		?		?
		Jhatsilla ...										?		?		?
		Baharagura										?		?		?
	Manbhoom ...	Purulia ...	0·22	0·76	......	......	......	......	......	2	0·98	0·05	0·98	0·79	1·63	2·59
		Gobindpore ...	0·02	0·63	......	......	......	......	......	1	0·65	0·04	0·95	0·76	1·30	2·59
		Raghunathpore.	0·08	0·48	......	......	......	......	......	1	0·56	?	0·56	?	0·56	?
		Burrabhoom	0·60	0·36	......	......	......	......	......	2	0·96	?	1·02	?	1·72	?
		Jhalda ...	0·16	0·96	......	......	......	......	......	2	1·12	?	1·24	?	1·47	?
		[illegible] .	......	0·58	......	......	......	......	......	1	0·58	?	0·78	?	0·97	?
		Pandra ...	......	0·73	0·07	......	......	......	......	1	0·80	?	1·12	?	?	?

Explanation.—......indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the 23rd February* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 20TH OF FEBRUARY 1892.

ON Saturday, the 13th of February, or at the close of the previous week, the meteorological conditions over Northern India were decidedly disturbed owing to the existence of a large but shallow barometric depression the centre of which was between Agra and Jhansi. The disturbance was an extensive one, and was even on this date affecting the weather conditions in Behar and Bengal. On the morning of Sunday, the 14th, the depression was between Cawnpore and Sutna, having moved slowly in an easterly direction. Pressure was hence falling moderately to rapidly in Bengal, while temperature was as usual rising rapidly in front of the advancing depression. Conditions generally on this day became decidedly disturbed; a few rain showers were reported in Behar, and at Darjeeling a gale of wind was reported, pointing to the fact that the depression was largely influencing the upper layers of the atmosphere. On the morning of the 15th the depression had to a great extent filled up and disappeared, and pressure was rising in Bengal, while on the other hand temperature had fallen rapidly. The depression had given very disturbed weather from the 14th to the 15th, and at Darjeeling a severe storm accompanied by a large amount of hail occurred, and 1·67 inches of rain (due to the melting of the hail) was registered. At most of the stations in the province of Bengal, except those in East Bengal and Orissa, rain was also recorded on the morning of the 15th. A brisk to rapid increase of pressure had taken place on the 16th, and the effects of the depression had quite disappeared, winds became again generally northerly and north-westerly, and a fall of temperature varying from about 3° to nearly 9° occurred, and for the time ordinary cold weather conditions again became established in Bengal. From the 15th to the 16th practically no rain was reported except from a few stations in Orissa and South-West Bengal. On the 17th pressure again increased and temperature fell, but there were no important changes of conditions, while on the 18th pressure was almost steady, though it showed a tendency to fall, while temperature, on the other hand, had commenced to increase. The northerly element in the wind direction had decreased on the 18th, and at most stations westerly winds were blowing. On the 19th conditions again commenced to change in Bengal, for pressure began to fall briskly owing to the existence of another barometric depression which had appeared in North-Western India and which was advancing slowly down the Gangetic plain. On the morning of the 19th the centre of the depression was near Lucknow, but it was decidedly feeble and was giving little rain. Temperature in Bengal in front of the advancing depression as usual again became high, and became above the normal by 2° or 3°. Winds also became generally southerly and humidity rose rapidly, and conditions became a little abnormal and unsettled, though no stations reported rain. On the 20th, pressure fell briskly in Bengal and became about a tenth of an inch below the normal, and a depression apparently existed in a feeble form over Bengal. Winds were, however, very irregular and did not show any distinct circulation, while temperature had again risen moderately to rapidly and had become from 3° to 8° above the normal of the day. Again on this day the disturbed conditions were not sufficiently developed to produce rain, and though the sky became partially clouded, no station reported rain. Conditions were, therefore, again rather disturbed at the close of the week in the same way as they had been at its commencement.

The meteorology of the week has, however, been important from the fact that in all divisions of the province, except East Bengal, rain fell generally in moderate amounts on one or two days of the week.

Pressure.—The mean pressure for the week has again been in defect of the normal by small amounts. The usual defect has equalled about 0·02" to 0·03," and it is fairly equally distributed throughout the province.

Temperature—Has varied very considerably during the week. It was high at its commencement, comparatively low in the middle of the week, and again rather largely above the normal at its close. The mean temperature of the whole province for the week has been almost exactly one degree above the normal, but the excess has been largest in North Behar, where it equals 2·4°, and in East and North Bengal and South Behar, where it has been between one and two degrees. On the other hand, temperature has been in slight defect in Chutia Nagpur.

The variation of temperature is, however, most clearly seen in the table below, where the average maximum, minimum, and mean temperatures for the week at nine typical stations in different districts of the province are compared with the normal values for the same period. The night or minimum temperatures have generally shown a larger variation than the day or maximum temperatures:—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 20th February 1892.

	Normal mean maximum temperature for the week ending 20th February.	Actual mean maximum temperature for the week ending 20th February 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 20th February.	Actual mean minimum temperature for the week ending 20th February 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 20th February.	Actual mean daily temperature for the week ending 20th February 1892.	Variation of actual mean from the normal.
Cuttack	89·8	90·0	+0·2	65·0	63·6	−2·3	77·9	76·8	−1·1
Calcutta	81·5	82·6	+1·1	60·2	60·0	−0·2	70·9	71·3	+0·4
Dacca	81·5	79·7	−1·8	57·6	58·9	+1·3	69·6	69·3	−0·3
Burdwan	82·6	82·3	−0·3	58·1	58·7	+0·6	70·3	70·5	+0·2
Patna	77·5	76·2	−1·3	52·3	56·5	+4·2	64·9	66·3	+1·4
Gya	81·3	80·6	−0·7	56·0	57·4	+1·4	68·7	69·0	+0·3
Purneah	78·3	80·1	+1·8	51·1	50·2	−0·9	64·8	65·2	+0·4
Hazaribagh	77·0	75·7	−1·3	54·1	55·1	+1·0	65·6	65·4	−0·2
Darjeeling	46·3	42·3	−4·0	33·9	33·3	−0·6	40·1	37·8	−2·3

Rainfall—Fairly general, but only light to moderate rain was reported in all districts except East Bengal on one or two days of the week, the falls being generally reported on the 14th, 15th or 16th. Chutia Nagpur has received an average fall of 0·82 inch, and South Behar one of 0·60; in North Behar and North Bengal the falls have been between a quarter and half an inch, and in South-West Bengal and Orissa they have averaged a fifth of an inch. In the case of the smaller districts a fall of nearly two inches is reported in the Darjeeling district, and one of 1·18 inches in the Singbhoom district. Falls of half to one inch are reported from Manbhoom, Lohardugga, Hazaribagh, Sonthal Pergunnahs, Patna, Shahabad, Sarun, Durbhanga, Mozufferpore, Rajshahye, Moorshedabad, West Burdwan, and Beerbhoom, and falls of a quarter to half an inch in Gya, Julpigooree and Cooch Behar, Rungpore, Dinagepore, Maldah, Bogra, Bankoora, and Cuttack. On the other hand, the following districts have been either rainless or nearly so:—All in East Bengal except Noakhally and Mymensingh; Khoolna, Jessore, South-West Midnapore, and South 24-Pergunnahs, and lastly Chumparun, which is surrounded on all sides by districts which have received moderate rain.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 20th of February 1892:—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th Oct. 1891.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	93·9	57·6	84·9	64·9	74·9	+0·1	0·20	0·18	+0·02	0·50	0·30	+0·20	0·22	0·71	6·66	5·27
South-West Bengal ...	92·3	49·2	82·0	59·6	70·8	+1·0	0·20	0·10	+0·10	0·50	0·26	+0·24	0·24	0·83	1·29	3·17
East Bengal	88·7	49·0	80·8	57·5	69·1	+1·3	0·04	0·13	−0·09	0·12	0·26	−0·14	0·54	0·60	2·95	4·26
North Bengal	85·8	46·5	78·3	53·8	66·1	+1·6	0·35	0·08	+0·27	1·06	0·22	+0·86	0·38	0·50	1·03	2·19
North Behar	84·3	43·3	78·9	53·1	66·0	+2·4	0·43	0·04	+0·39	1·00	0·16	+0·84	0·50	0·38	0·53	1·96
South Behar	87·8	44·1	79·2	54·8	67·0	+1·4	0·60	0·05	+0·55	1·21	0·21	+1·00	0·75	0·38	0·99	2·23
Chutia Nagpur	83·4*	40·4*	75·0*	54·9*	65·0*	−0·5*	0·82	0·08	+0·74	1·45	0·25	+1·20	1·38	0·61	1·58	2·63

* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL,
The 23rd February 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 14th to 20th February 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature.						Hygrometry.			Rainfall past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
February ...	14th ...	29·969	74·9	83·9	18·0	65·9	70·6	64·9	·541	61·2	72	Nil.
,, ...	15th ...	30·009	69·4	78·9	9·0	64·9	69·6	65·6	·578	63·0	80	,,
,, ...	16th ...	·072	70·2	81·4	22·5	58·9	72·6	61·7	·405	53·2	50	,,
,, ...	17th ...	·090	68·3	82·9	29·2	53·7	74·1	58·7	·291	44·2	34	,,
,, ...	18th ...	·040	73·0	87·0	28·1	58·9	76·8	67·1	·535	60·8	58	,,
,, ...	19th ...	29·995	74·0	89·0	30·1	58·9	79·6	68·6	·553	61·8	54	,,
,, ...	20th ...	·933	78·1	91·0	25·9	65·1	80·4	72·1	·678	67·7	65	,,

				Inches.
The mean 10 A.M. pressure of the seven days	...	...	...	30·015
				°
The mean temperature of the seven days	...	...	...	72·6
The extreme variation of temperature	...	...	...	37·3
The maximum temperature ...	...	...	...	91·0
				%
The mean 10 A.M. relative humidity of the seven days		...	...	59
The total fall of rain from 14th to 20th February 1892		...	...	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The 22nd February 1892.

MEMORANDUM.

Review of the Monthly Statistics of Deaths registered in forty-five districts of Bengal for the month of November 1891.

THE total number of deaths registered in forty-five districts of Bengal during the month of November 1891 amounted to 216,770, against 154,891 in November 1890, and an average of 152,821 in the corresponding month of the previous five years, 1886—90. These figures represent annual death-rates of 39·48, 28·20 and 27·84 per 1,000, respectively, of the aggregate population of those districts, which is 65,859,534. The death rate of November 1891 is 11·64 higher than the average rate of the corresponding month of the past five years, 1886—90, and is also higher than the rate of the corresponding month of any of the past five years, *vide* figures below :—

	November 1886.	November 1887.	November 1888.	November 1889.	November 1890.	Monthly average of five years, 1886—90.	November 1891.
Number of deaths	175,656	146,775	138,089	147,795	154,891	152,821	216,770
Ratio per *mille* per annum	31·92	26·64	25·32	26·88	28·20	27·84	39·48

It will also be seen from the figures below that the mortality of November 1891 is considerably higher than that of any of the previous months of the year :—

Months.			*Number of deaths.*	*Ratio per mille per annum.*
January	...	...	143,492	26·04
February	...	...	137,553	24·96
March	...	...	168,185	30·60
April	...	...	161,980	29·52
May	...	...	125,975	22·92
June	...	...	140,594	25·56
July	...	...	121,977	22·20
August	...	...	142,154	25·80
September	...	...	149,431	27·12
October	...	...	149,140	27·12
November	...	...	216,770	39·48

The increase in November is due to a larger number of deaths from cholera and fever.

Distributed according to sex and class, the mortality was as follows :—

	Sex.			Class.				
	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.
Number of deaths	111,806	104,964	...	270	126,275	86,881	135	3,209
Ratio per *mille* per annum ..	41·04	37·92	108	33·36	35·40	48·06	20·28	23·04

Considered collectively, the mortality among males was greater than among females. Taking the districts individually, this was also the case except in nine districts of Khulna, Dinajpur, Rajshahi, Rungpur, Darjiling, Julpaiguri, Bakerganj, Noakhali and Purnea, where the death-rate was higher among females. The death-rate was highest among Mahomedans than among Hindus, and least among Buddhists.

The following table shows, in order of sequence, the highest district death-rates during November 1891. The rates of the corresponding month in the previous year are also given for purposes of comparison :—

Districts.		Ratio per *mille* during— Nov. 1891.	Nov. 1890.
Maldah	...	... 107·76	30·00
Nadiya	...	... 94·08	26·28
Jessore	...	... 82·20	44·04
Rajshahi	...	... 79·56	35·04
Murshidabad	...	... 66·84	28·08
Dinajpur	...	... 60·12	31·56
Pubna	...	... 50·88	40·44
Serampur	...	... 50·76	31·68
Julpaiguri	...	... 49·80	34·32
Purnea	...	... 49·08	22·80
Rungpur	...	... 45·24	28·92
Khulna	...	... 44·52	45·48
Champaran	...	... 42·48	22·92
Hughli	...	... 42·36	27·96
Birbhum	...	... 41·64	27·12

Districts.		Ratio per *mille* during— Nov. 1891.	Nov. 1890.
Faridpur	...	... 41·40	46·80
Bakerganj	...	... 41·16	39·84
Monghyr	...	... 39·00	28·80
Balasore	...	... 36·84	31·44
Midnapur	...	... 36·36	30·96
24-Parganas	...	... 36·24	24·24
Howrah	...	... 35·88	28·44
Dacca	...	... 35·52	31·56
Burdwan	...	... 34·44	22·92
Bogra	...	... 33·96	28·68
Cuttack	...	... 33·60	20·28
Bhagalpur	...	... 33·36	32·64
Noakhali	...	... 31·08	29·52
Patna	...	... 30·00	23·64

It will be seen that the highest death-rate occurred in Maldah (107·76 per *mille*), where fever was accountable for 5,496 out of the total number of 6,385 deaths which occurred in the district.

The total mortality during November, from the several death-causes, is compared in the following table with the mortality from the same causes in the corresponding month of 1890, and the average of the previous five years, 1886—90:—

	Ratio per *mille* during—		
	November 1891.	November 1890.	Monthly average of five years, 1886—90.
Cholera	2·40	1·56	1·44
Small-pox	·12	·04	·02
Fever	31·20	21·36	21·48
Dysentery and diarrhœa	·72	·60	·72
Injury	·24	·24	·24
Other causes	4·44	4·08	3·72

It will be seen that the death-rate of November 1891, under the heads cholera and fever, particularly fever, is considerably higher than that of the two past periods with which it is compared. The highest fever death-rate in the province was 92·76 returned from Maldah; Nadiya comes next with (75·48), then Jessore (74·52), Rajshahi (66·36), Dinajpur (55·44), Murshidabad (53·64), Julpaiguri (48·60), Purnea (47·76), Rungpur (43·68). The death-rates from fever were also very high in Pubna, (36·72), Khulna (36·60), Faridpur (36·48), Champaran (33·96), Birbhum (33·84), Hughli (33·72), Serampur (33·72) and Monghyr (33·24). Cholera also accounted for an unusually large number of deaths in November 1891. The mortality from this cause was highest in Nadiya (14·16 per *mille*); Pubna and Maldah come next with 12·12 each, followed by Rajshahi (9·48), Murshidabad (9·24), Mymensing (5·88), Cuttack (5·52), Serampur (5·28), Balasore (5·28), Bogra (5·16), Howrah (4·80), Jessore (4·32), Khulna (3·60), Puri (3·12) and 24-Parganas 2·52. In two districts—Hazaribagh and Singbhum—the disease was entirely absent.

According to *age*, infants under one year of age, as usual, perished in the largest numbers, the death-rate being 264·24 per *mille* per annum. Persons over 60 years of age furnish the next highest record with a death-rate of 97·32 per *mille*. The lowest death-rate occurred among persons between 10 and 15 years of age, *viz.*, 18·48 per 1,000 per annum.

Detailed information under all heads will be found in the statement appended.

W. H. GREGG, *Dip. Publ. Health, Camb.*,

Sanitary Commissioner for Bengal.

The 20th February 1892.

Statement showing the Results of the Registration of Deaths in the Districts in Bengal for the month of November 1891.

1	2	3			4							5							6		7		8		9
Divisions.	Districts.	Population.			Mortality according to— Disease. Deaths from—							Ratio per 1,000 of population per annum.							Comparison with previous periods.		Sex. Deaths among—		Ratio per 1,000 of population per annum.		Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
		Males.	Females.	Total.	Cholera.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injury.	Other diseases.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injury.	Other diseases.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the previous month.	Ratio of deaths per 1,000 of population per annum in the corresponding month of the previous year.	Males.	Females.	Males.	Females.	
Burdwan	Burdwan	663,295	723,528	1,391,823	160	19	3,155	113	15	543	*4,005*	1·32	·12	27·12	·96	·12	4·68	*34·44*	24·36	22·92	2,024	1,981	36·24	32·76	110
	Bankura	507,136	534,616	1,041,752	17	1	1,673	41	13	314	*2,059*	·12	·01	19·20	·36	·12	3·84	*23·64*	20·16	20·28	1,056	1,003	24·96	22·44	111
	Birbhum	381,563	412,865	794,428	42	...	2,244	72	11	455	*2,764*	·60	...	33·84	·12	·12	6·84	*41·64*	28·93	27·12	1,330	1,434	41·76	41·64	100
	Midnapore	1,243,195	1,272,370	2,515,565	366	190	5,919	226	51	871	*7,623*	1·68	·84	28·20	·96	·24	4·08	*36·36*	24·43	30·96	3,895	3,728	37·56	35·04	107
	Hughli	315,665	347,385	663,050	46	...	1,861	113	10	312	*2,345*	·73	...	33·72	2·04	·12	5·64	*42·36*	30·60	27·96	1,192	1,163	44·88	40·08	111
	Serampore	174,366	177,589	351,955	156	1	990	150	9	184	*1,490*	5·28	·02	33·72	5·04	·24	6·24	*50·76*	40·20	31·68	798	692	54·84	46·68	117
	Total (Hughli including Serampore).	490,031	524,974	1,015,005	202	1	2,854	263	19	496	*3,835*	2·28	·01	33·72	3·00	·12	5·76	*45·24*	33·96	29·28	1,980	1,855	48·48	42·39	114
Presidency	Howrah	316,479	318,902	635,381	255	...	1,001	285	22	343	*1,908*	4·80	...	18·84	5·28	·36	6·36	*35·88*	30·72	28·44	1,066	900	38·04	33·96	113
	24-Pergunnahs	860,841	812,521	1,673,362	352	8	4,076	162	52	409	*5,059*	2·52	·04	29·16	1·08	·31	2·76	*36·24*	23·04	24·24	2,714	2,345	37·81	34·56	109
	Nuddea	805,779	849,942	1,655,721	1,956	1	10,423	21	54	535	*12,989*	14·16	·007	75·48	·12	·36	3·84	*94·08*	53·16	26·28	6,450	6,539	96·00	92·28	104
	Jessore	959,271	980,104	1,939,375	701	...	12,056	19	40	485	*13,301*	4·32	...	74·52	·10	·24	3·00	*82·20*	44·52	44·04	6,774	6,527	84·72	79·80	106
	Murshidabad	586,483	640,307	1,226,790	946	...	5,489	32	12	362	*6,841*	9·24	...	53·64	·24	·10	3·48	*66·84*	41·52	28·08	3,455	3,386	70·68	63·36	111
	Khulna	568,402	511,546	1,079,948	324	...	3,299	9	24	357	*4,013*	3·60	...	36·60	·09	·24	3·96	*44·52*	25·68	45·48	2,019	1,994	42·60	46·68	91
Rajshahye	Dinajpur	782,292	732,054	1,514,346	149	6	7,005	30	25	386	*7,601*	1·08	·03	55·44	·12	·12	3·00	*60·12*	38·88	31·56	3,837	3,764	58·80	61·68	95
	Rajshahye	660,040	678,205	1,338,245	1,062	...	7,441	14	39	357	*8,873*	9·48	...	66·36	·13	·24	3·12	*79·56*	42·36	35·04	4,340	4,533	78·84	80·16	95
	Rungpore	1,067,701	1,030,263	2,097,964	16	...	7,654	4	21	231	*7,926*	·08	...	43·68	·01	·12	1·32	*45·24*	30·84	28·92	3,479	3,947	44·64	45·96	97
	Bogra	372,863	361,888	734,751	316	...	1,517	8	15	228	*2,034*	5·18	...	24·72	·12	·24	3·72	*33·96*	24·24	28·68	1,104	980	35·52	32·40	109
	Pubna	648,311	663,417	1,311,728	1,329	...	4,022	38	12	170	*5,571*	12·12	...	36·72	·24	·10	1·44	*50·88*	27·84	40·44	2,812	2,759	51·36	45·00	155
	Darjiling	89,351	66,294	155,645	3	...	272	23	2	66	*366*	·12	...	20·88	1·08	·12	5·04	*28·20*	41·76	30·96	203	163	27·24	29·40	92
	Jalpaiguri	305,972	276,418	582,390	1	...	2,359	10	9	42	*2,421*	·01	...	45·60	·12	·12	·84	*49·80*	35·64	34·32	1,166	1,255	45·72	54·48	83
Dacca	Dacca	1,033,863	1,082,487	2,116,350	270	5	4,825	217	45	910	*6,272*	1·44	·02	27·24	1·20	·24	5·04	*35·52*	19·92	31·56	3,337	2,935	38·64	32·52	118
	Faridpore	805,989	825,745	1,631,734	131	5	4,971	30	12	483	*5,637*	·96	·03	36·48	·12	·08	3·48	*41·40*	21·84	46·80	2,965	2,672	44·04	38·76	118
	Backerganj	973,479	927,410	1,900,889	28	15	4,370	35	69	2,006	*6,523*	·12	·08	27·48	·12	·36	12·60	*41·16*	25·56	39·84	3,322	3,201	40·92	41·40	98
	Maimansing	1,555,840	1,501,103	3,056,943	1,500	8	5,116	72	33	757	*7,486*	5·88	·02	20·04	·24	·12	2·88	*29·28*	18·12	25·88	4,096	3,390	32·40	27·72	116
Chittagong	Chittagong	531,649	600,692	1,132,341	3	31	2,003	37	44	243	*2,361*	·02	·24	21·12	·36	·36	2·52	*24·96*	20·52	25·32	1,188	1,173	26·76	23·40	114
	Noakhali	415,248	405,524	820,772	10	...	1,883	21	27	189	*2,130*	·12	...	27·48	·24	·36	2·76	*31·08*	20·52	29·52	1,047	1,083	30·24	32·04	94
	Tipperah	768,450	745,911	1,514,361	27	13	2,169	44	34	400	*2,687*	·12	·09	17·16	·24	·24	3·12	*21·24*	15·00	24·96	1,466	1,221	22·80	19·32	117
Patna	Patna	856,501	865,058	1,751,559	89	5	3,237	185	35	829	*4,380*	·60	·02	22·08	1·20	·12	5·64	*30·00*	25·08	21·64	2,262	2,118	31·68	23·32	111
	Gya	1,043,441	1,081,241	2,124,682	134	14	4,205	32	67	693	*5,145*	·72	·07	23·64	·12	·36	3·84	*29·04*	28·32	27·60	2,619	2,526	30·00	27·96	107
	Shahabad	950,254	1,014,659	1,961,909	107	5	4,151	45	41	466	*4,815*	·60	·02	25·32	·24	·24	2·76	*29·40*	25·32	33·96	2,624	2,191	33·12	25·80	128
	Mozufferpore	1,265,731	1,316,329	2,582,060	62	7	5,410	132	53	732	*6,396*	·24	·02	25·08	·60	·24	3·36	*29·64*	24·80	27·84	3,380	3,016	32·04	27·48	116
	Durbhanga	1,295,788	1,337,659	2,633,447	296	6	3,948	94	26	291	*4,660*	1·32	·01	17·88	·36	·10	1·32	*21·12*	16·92	19·32	2,578	2,082	23·76	18·60	127
	Sarun	1,085,847	1,199,832	2,285,679	25	4	2,755	323	71	2,471	*5,649*	·12	·01	14·40	1·68	·48	12·96	*29·64*	22·56	22·56	3,052	2,597	33·72	25·93	131
	Chumparun	870,627	850,981	1,721,608	15	3	4,877	40	24	1,151	*6,110*	·09	·01	33·96	·12	·12	7·92	*42·48*	23·92	22·92	3,247	2,863	44·64	40·32	110
Bhagulpore	Monghyr	969,124	1,000,651	1,969,774	121	3	5,467	49	38	729	*6,407*	·72	·01	33·24	·24	·12	4·44	*39·00*	31·20	28·80	3,419	2,988	42·24	35·76	118
	Bhagulpore	979,119	987,039	1,966,158	91	...	4,704	82	23	570	*5,470*	·48	...	28·68	·48	·12	3·36	*33·36*	25·92	32·64	2,813	2,658	34·32	32·28	106
	Purneah	937,060	911,607	1,848,687	75	11	7,360	5	13	114	*7,578*	·48	·06	47·76	·02	·08	·72	*49·08*	29·76	22·80	3,697	3,881	47·28	51·00	98
	Maldah	346,998	363,450	710,448	719	2	5,496	23	11	134	*6,385*	12·12	·02	92·76	·36	·12	2·16	*107·76*	67·32	30·00	3,297	3,088	114·00	101·88	111
	Sonthal Pergunnahs	785,330	782,763	1,568,093	198	...	2,282	26	9	257	*2,752*	1·44	...	17·40	·12	·06	1·80	*21·00*	17·52	12·72	1,497	1,255	22·80	19·20	118
Orissa	Cuttack	877,702	917,363	1,795,065	834	174	2,155	319	457	1,105	*5,044*	5·52	1·08	14·40	2·04	3·00	7·32	*33·60*	19·68	20·28	2,593	2,451	35·40	32·04	110
	Poori	446,609	441,878	888,487	234	112	496	226	258	897	*2,203*	3·12	1·44	6·60	3·00	3·12	12·00	*29·64*	19·32	24·12	1,168	1,035	31·32	28·08	111
	Balasore	461,461	483,819	945,280	425	7	1,232	301	27	829	*2,911*	5·28	·08	15·60	4·92	·24	10·44	*36·84*	25·80	31·44	1,517	1,394	39·36	34·56	113
Chota Nagpore	Hazaribagh	544,903	559,839	1,104,742	...	13	1,993	28	26	381	*2,441*	...	·12	21·60	·24	·24	3·96	*26·40*	22·20	28·64	1,384	1,157	28·20	24·72	114
	Lohardugga	796,657	812,587	1,609,244	44	25	2,485	181	16	940	*3,643*	·24	·18	18·12	1·32	·10	6·96	*27·12*	28·44	20·28	1,867	1,776	28·08	26·16	107
	Singbhum	226,681	227,094	453,775	...	21	521	32	25	91	*690*	...	·43	13·68	·64	·60	2·40	*18·24*	17·88	17·52	385	305	20·28	16·08	126
	Manbhum	525,328	532,900	1,058,228	8	...	1,355	30	8	327	*1,758*	·08	...	15·60	·24	·08	3·60	*19·92*	18·84	13·00	943	815	21·48	18·24	117
	TOTAL FOR THE PROVINCE.	32,663,700	33,195,834	65,859,534	13,652	714	171,864	4,011	1,908	24,621	*216,770*	2·40	·12	31·20	·72	·24	4·44	*39·48*	27·12	28·20	111,806	104,964	41·04	37·92	108

MORTALITY ACCORDING TO— Class. (Columns 10 and 11)

Divisions.	Districts.	Deaths among— Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Ratio per 1,000 of population per annum. Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.
Burdwan	Burdwan	...	3,164	841	...	...	...	38·84	38·16	...	...
	Bankura	...	1,859	129	...	71	...	24·48	33·36	...	9·98
	Birbhum	...	2,810	549	...	5	...	42·96	40·44	...	4·08
	Midnapore	1	6,969	424	...	209	16·20	37·44	30·96	...	21·24
	Hughli	1	1,857	487	...	...	41·28	41·76	45·00	...	...
	Serampore	...	1,347	243	...	...	...	51·24	48·84	...	...
	Total (Hughli including Serampore).	1	3,194	730	...	...	18·24	45·12	46·20	...	...
Presidency	Howrah	2	1,510	394	...	...	11·64	36·12	35·76	...	...
	24-Pergunnahs	19	3,211	1,829	...	...	22·32	37·08	25·44	...	...
	Nuddea	96	4,451	8,443	...	...	177·48	73·32	109·92	...	...
	Jessore	7	4,366	8,908	...	...	170·84	68·40	91·32	...	...
	Murshidabad	1	3,325	3,615	...	...	25·41	62·76	71·40	...	...
	Khulna	4	1,705	2,394	...	...	64·20	39·40	49·68	...	...
Rajshahye	Dinajpur	1	3,321	4,279	...	...	26·16	55·56	64·44	...	...
	Rajshahye	...	1,680	7,187	...	...	...	69·96	82·80	...	...
	Rungpore	...	2,749	5,177	...	...	...	40·32	46·48	...	...
	Bogra	...	384	1,898	...	...	...	32·88	34·20	...	...
	Pubna	...	1,268	4,363	...	...	...	39·96	51·36	...	...
	Darjeeling	5	327	17	17	...	71·16	30·84	24·84	10·80	...
	Julpaiguri	1	1,365	1,065	...	...	96·00	44·04	61·32	...	...
Dacca	Dacca	16	2,558	3,698	...	...	21·72	35·76	35·40	...	...
	Faridpore	8	2,064	3,670	...	...	13·68	37·80	43·92	...	...
	Backerganj	15	1,737	4,771	...	...	48·36	33·36	45·12	...	...
	Maimansing	2	2,397	5,086	...	1	159·72	29·04	29·88	...	·36
Chittagong	Chittagong	3	485	1,755	118	...	34·08	21·12	26·16	26·16	...
	Noakhali	1	435	1,694	...	...	20·40	24·60	33·36	...	...
	Tipperah	...	947	1,740	...	...	...	22·32	20·76	...	...
Patna	Patna	4	3,889	487	...	...	15·48	30·36	27·36	...	...
	Gya	...	4,620	525	...	...	...	29·28	27·00	...	...
	Shahabad	...	4,566	249	...	...	...	30·12	20·28	...	...
	Mozufferpore	1	5,717	678	...	...	32·16	31·24	25·68	...	...
	Durbhanga	...	4,193	467	...	...	...	21·60	18·12	...	...
	Sarun	...	5,139	510	...	...	...	30·48	15·36	...	...
	Chumparun	2	5,337	771	...	...	12·36	43·32	38·04	...	...
Bhagulpore	Monghyr	1	5,911	491	...	4	10·92	33·96	31·32	...	6·60
	Bhagulpore	1	5,671	397	...	1	20·76	34·44	25·56	...	·72
	Purneah	...	3,774	3,804	...	...	...	48·00	59·16	...	...
	Maldah	...	3,081	3,304	...	...	...	97·44	120·24	...	...
	Sonthal Pergunnahs	...	1,584	360	...	808	...	22·32	39·60	...	15·84
Orissa	Cuttack	9	4,927	108	...	...	46·08	33·84	27·24	...	...
	Pooree	...	2,183	20	...	...	...	29·88	17·04	...	...
	Balasore	2	2,878	31	...	...	29·40	37·68	15·68	...	...
Chota Nagpore.	Hazaribagh	...	2,275	218	...	148	...	26·88	24·60	...	24·12
	Lohardugga	69	1,544	223	...	1,807	22·80	21·24	34·56	...	34·56
	Singbhum	3	686	1	...	...	12·00	36·36	5·04	...	...
	Manbhum	1	1,581	71	...	155	21·72	19·32	18·72	...	28·20
	TOTAL FOR THE PROVINCE.	270	126,275	86,881	135	3,209	33·36	35·40	46·96	20·28	23·04

MORTALITY ACCORDING TO— Age. Deaths. (Column 12)

Divisions.	Districts.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan	Burdwan	707	550	427	186	160	380	346	384	325	540
	Bankura	359	297	192	99	103	184	192	152	167	324
	Birbhum	692	506	366	123	110	192	201	177	174	313
	Midnapore	1,238	1,063	678	347	387	752	743	722	667	1,077
	Hughli	361	310	231	91	126	216	194	238	244	354
	Serampore	186	197	141	57	85	144	160	155	139	226
	Total (Hughli including Serampore).	547	507	372	148	211	360	354	393	363	580
Presidency	Howrah	287	236	178	107	100	200	141	151	137	323
	24-Pergunnahs	847	765	544	244	264	567	423	431	356	788
	Nuddea	1,634	3,285	2,047	911	703	801	791	783	667	1,390
	Jessore	1,544	3,399	1,975	825	723	1,060	891	827	758	1,296
	Murshidabad	911	1,466	983	388	348	538	532	444	449	789
	Khulna	593	633	391	191	273	465	387	305	260	503
Rajshahye	Dinajpur	1,271	1,809	721	312	375	870	748	634	339	522
	Rajshahye	1,263	2,065	1,217	504	500	831	852	564	382	695
	Rungpore	1,302	1,706	830	336	471	878	740	545	442	676
	Bogra	327	350	219	116	128	232	234	161	129	168
	Pubna	549	1,251	825	358	296	520	488	369	260	653
	Darjeeling	48	42	26	22	23	74	50	28	20	35
	Julpaiguri	637	377	160	80	122	253	24	183	172	207
Dacca	Dacca	984	917	496	320	327	665	579	481	389	1,130
	Faridpore	799	1,132	663	280	260	400	425	413	384	821
	Backerganj	1,315	885	636	273	332	558	440	361	392	835
	Maimansing	843	1,011	784	460	479	899	765	619	446	1,158
Chittagong	Chittagong	458	346	143	93	120	214	196	167	187	437
	Noakhali	441	325	196	105	104	194	185	133	137	310
	Tipperah	518	292	156	127	207	330	273	208	166	410
Patna	Patna	910	538	212	151	103	384	350	390	567	775
	Gya	1,013	700	294	221	161	474	422	475	515	870
	Shahabad	691	546	204	142	127	505	519	486	504	1,091
	Mozufferpore	956	1,032	617	260	159	518	554	509	620	1,182
	Durbhanga	475	820	394	234	133	448	490	435	429	812
	Sarun	467	585	243	161	140	459	517	586	702	1,739
	Chumparun	943	944	508	248	142	837	524	590	549	1,132
Bhagulpore	Monghyr	1,092	1,285	427	235	151	439	475	511	519	1,230
	Bhagulpore	942	972	389	210	177	525	572	515	466	708
	Purneah	1,206	1,651	590	269	245	717	755	712	533	904
	Maldah	673	1,511	963	408	371	589	497	405	307	650
	Sonthal Pergunnahs	447	415	297	211	142	269	265	184	204	305
Orissa	Cuttack	916	653	423	226	240	437	521	427	406	715
	Pooree	428	211	144	73	102	199	246	192	256	352
	Balasore	694	311	194	96	126	244	298	272	228	445
Chota Nagpore.	Hazaribagh	589	344	227	89	57	167	207	177	234	240
	Lohardugga	824	589	290	166	145	316	308	251	210	462
	Singbhum	111	109	53	29	23	72	42	75	88	85
	Manbhum	408	216	173	76	97	145	142	124	154	229
	TOTAL FOR THE PROVINCE.	34,091	38,706	21,901	10,432	9,930	19,219	18,956	16,961	15,894	30,050

MORTALITY ACCORDING TO— Age. Ratio per 1,000 of population per annum. (Column 13)

Divisions.	Districts.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan	Burdwan	259·92	50·28	30·72	16·68	17·60	17·76	18·60	30·12	40·20	81·48
	Bankura	152·76	29·28	15·24	10·8	13·08	12·24	15·72	18·96	33·16	69·72
	Birbhum	432·84	75·96	43·56	18·24	19·68	16·92	19·56	24·48	26·04	81·24
	Midnapore	230·40	46·44	23·16	14·88	32·28	18·96	24·36	36·96	55·92	94·88
	Hughli	235·36	63·60	40·14	17·64	25·32	19·92	21·72	37·80	56·16	114·96
	Serampore	222·72	74·16	50·04	22·32	32·40	24·48	33·06	45·12	65·40	139·32
	Total (Hughli including Serampore).	243·24	66·84	43·68	19·20	27·72	21·60	25·68	40·44	59·52	123·36
Presidency	Howrah	184·92	50·52	27·36	20·88	20·88	19·68	18·36	29·76	41·52	90·84
	24-Pergunnahs	176·28	478·32	31·44	18·24	23·28	21·48	20·40	32·52	44·40	98·[illegible]
	Nuddea	510·36	194·04	97·08	65·24	69·45	36·60	41·76	56·52	74·52	168·28
	Jessore	559·76	157·96	81·84	56·40	58·56	39·12	41·68	51·60	72·48	131·40
	Murshidabad	332·52	124·32	65·52	37·68	37·44	31·68	39·24	43·90	69·96	121·68
	Khulna	239·16	60·00	30·84	21·00	34·08	29·16	31·20	36·12	50·40	96·60
Rajshahye	Dinajpur	435·60	124·92	34·04	25·80	38·40	40·56	40·56	51·72	50·84	84·12
	Rajshahye	453·96	152·52	68·64	45·24	57·48	45·72	53·16	52·92	64·32	118·68
	Rungpore	304·80	85·32	31·80	20·16	37·08	30·00	26·28	30·72	40·32	73·68
	Bogra	254·52	42·24	21·60	19·08	25·80	24·24	26·64	29·40	42·36	54·60
	Pubna	182·04	83·52	47·04	34·08	37·80	30·72	32·40	36·36	42·72	90·00
	Darjeeling	184·08	30·96	16·68	16·80	20·88	25·32	23·28	24·48	33·04	56·76
	Julpaiguri	473·28	65·40	20·40	15·72	35·04	31·44	33·84	37·32	60·84	76·92
Dacca	Dacca	197·40	37·92	17·76	16·92	24·24	24·00	24·84	30·84	41·52	102·12
	Faridpore	216·64	63·36	33·12	19·32	25·92	20·64	22·80	31·80	46·92	100·44
	Backerganj	465·96	42·60	28·56	16·80	24·24	19·32	20·40	25·32	43·56	101·16
	Maimansing	142·08	29·52	18·12	18·00	23·04	21·12	21·96	26·08	34·44	79·80
Chittagong	Chittagong	166·32	28·48	9·12	8·16	14·88	15·24	17·04	20·52	33·24	55·08
	Noakhali	227·28	34·80	17·76	14·04	17·88	17·76	21·00	22·80	35·52	86·64
	Tipperah	175·56	16·80	7·92	9·24	19·56	15·84	16·20	16·72	24·12	[illegible]
Patna	Patna	264·36	30·36	10·92	10·80	10·92	15·72	15·96	24·84	54·36	72·36
	Gya	284·16	30·24	12·12	12·48	13·80	16·08	16·08	25·20	43·32	82·44
	Shahabad	131·16	26·76	8·88	8·28	11·88	18·48	24·76	29·52	50·40	103·20
	Mozufferpore	252·72	38·04	18·60	12·48	11·40	15·12	17·28	22·44	43·84	91·92
	Durbhanga	113·16	30·48	11·64	11·04	8·88	12·36	14·28	18·48	30·12	69·12
	Sarun	104·52	24·96	8·64	8·44	11·28	15·24	17·64	29·76	59·88	155·76
	Chumparun	255·96	55·62	24·96	16·92	14·88	21·96	23·01	39·36	63·36	242·08
Bhagulpore	Monghyr	355·44	61·20	17·04	13·80	13·32	16·92	19·36	30·00	55·20	130·44
	Bhagulpore	309·96	50·64	14·88	11·88	15·60	15·84	22·44	32·40	51·00	88·08
	Purneah	382·60	92·76	23·88	16·92	21·36	27·60	31·96	45·36	63·72	116·04
	Maldah	414·48	217·08	106·32	64·84	74·28	60·60	59·28	72·48	97·56	183·36
	Sonthal Pergunnahs	171·72	21·84	12·36	13·92	14·88	13·92	15·12	18·00	31·08	47·88
Orissa	Cuttack	292·68	34·44	18·72	14·04	21·12	17·16	26·04	32·04	48·48	78·24
	Pooree	337·68	22·32	13·56	9·72	18·24	15·60	25·40	27·36	51·96	86·44
	Balasore	405·36	32·64	16·44	11·04	20·64	17·76	27·12	35·16	49·80	108·60
Chota Nagpore.	Hazaribagh	203·52	26·16	14·52	10·08	9·00	11·04	15·60	21·60	50·76	95·72
	Lohardugga	231·08	28·52	14·16	10·92	15·12	14·28	16·44	22·80	44·04	85·80
	Singbhum	152·40	21·12	8·52	6·72	7·20	11·52	7·80	23·04	46·92	54·12
	Manbhum	171·00	18·48	11·40	8·52	12·72	10·32	11·52	17·04	32·64	51·36
	TOTAL FOR THE PROVINCE.	264·24	56·88	26·52	18·48	23·76	21·70	24·88	31·92	46·60	97·32

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 20th February 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.*,

Sanitary Commissioner for Bengal.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 30th January 1892.

1	2	3			4			5			6	7							8							9	10		11		12
		POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Disease.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.				Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
DISTRICTS.	NAMES OF MUNICIPALITIES.	Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan ...	Burdwan ...	18,063	16,017	34,080	11	4	*15*	16·8	6·1	*22·9*	275	...	3	16	5	...	1	*25*	...	4·6	24·4	7·6	...	1·5	*38·1*	70·2	14	11	40·3	35·7	112
	Raniganj ...	6,246	4,691	10,937	...	4	*4*	...	19·0	*19·0*	No male birth.	...	...	4	3	...	3	*10*	...	...	19·0	14·2	...	14·2	*47·5*	52·3	4	6	33·3	66·5	50
Bankura ...	Bankura ...	8,970	8,925	17,895	3	8	*11*	8·7	23·2	*32·0*	37	1	...	4	...	...	4	*9*	2·9	...	11·6	...	...	11·6	*26·2*	29·1	7	2	40·6	11·7	347
Birbhum ...	Soori ...	3,982	3,866	7,848	1	2	*3*	6·6	13·3	*19·9*	50	1	...	8	...	...	2	*11*	6·6	...	53·0	...	...	13·3	*72·9*	19·9	6	5	78·4	67·3	116
Midnapore ...	Midnapore ...	16,927	16,633	33,560	14	6	*20*	21·7	9·3	*31·0*	231	3	1	12	7	...	2	*25*	4·6	1·5	18·6	10·9	...	3·1	*38·7*	24·8	14	11	43·0	34·4	125
Hughli, including Serampore.	Hughli and Chinsurah.	15,858	15,829	31,687	5	7	*12*	8·2	11·5	*19·7*	71	2	...	34	7	2	3	*48*	3·3	...	55·8	11·5	3·3	4·9	*78·8*	58·5	28	20	91·8	65·7	140
	Serampore ...	13,559	12,937	26,496	10	8	*18*	19·6	15·7	*35·3*	125	...	...	19	3	...	5	*27*	...	...	37·3	5·9	...	9·8	*53·0*	53·0	14	13	53·7	52·2	102
	Utterpara ...	3,046	2,464	5,510	4	...	*4*	37·7	...	*37·7*	No female birth.	...	...	2	...	...	...	*2*	...	...	18·9	...	...	...	*18·9*	37·7	2	...	34·1	...	No female death.
Howrah ...	Howrah ...	53,153	37,660	90,813	21	17	*38*	12·0	9·7	*21·8*	123	6	...	22	20	1	12	*61*	3·4	...	12·6	11·4	·6	6·9	*34·9*	37·2	40	21	39·1	29·0	135
	Bali ...	7,836	6,979	14,815	4	4	*8*	14·0	14·0	*28·1*	100	...	...	9	3	...	1	*13*	...	...	31·6	10·5	...	3·5	*45·6*	38·6	7	6	46·5	44·7	104
24-Pergunnahs.	Cossipore-Chitpore*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	......
	Manicktolla* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	......
	Baranagore* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	......
	South Suburban*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	......
Nuddea ...	Krishnagar ...	13,263	14,214	27,477	10	6	*16*	18·9	11·4	*30·3*	166	...	...	19	...	...	3	*22*	...	...	35·9	...	...	5·7	*41·6*	45·4	15	7	58·8	25·6	229
	Ranaghat ...	4,028	4,655	8,683	6	1	*7*	35·9	6·0	*41·9*	600	...	...	1	...	...	...	*1*	...	...	6·0	...	...	...	*6·0*	35·9	1	...	6·0	...	No female death,
	Santipore ...	13,708	15,979	29,687	4	5	*9*	7·0	8·8	*15·8*	80	...	.	7	...	..	...	*7*	...	...	12·3	...	...	...	*12·3*	15·8	4	3	15·2	9·8	155
Jessore ...	Jessore ...	4,830	3,665	8,495	1	...	*1*	6·1	...	*6·1*	No female birth.	10	...	11	...	...	1	*22*	61·2	...	67·3	...	...	6·1	*134·7*	73·5	11	11	118·4	156·1	76
Murshedabad	Berhampore ...	11,657	11,948	23,605	7	5	*12*	15·4	11·0	*26·4*	140	...	...	20	...	...	...	*20*	...	...	44·1	...	...	...	*44·1*	57·3	9	11	40·1	47·9	83
	City Murshedabad	18,901	20,330	39,231	10	6	*16*	13·3	7·9	*21·2*	166	...	...	30	...	...	2	*32*	...	...	39·8	...	...	2·6	*42·4*	43·7	19	13	52·3	33·3	157
Khulna ...	Khulna ...	3,249	3,043	6,292	5	1	*6*	41·3	8·2	*49·6*	500	...	...	6	...	...	1	*7*	...	...	49·6	...	...	8·2	*57·9*	...	3	4	48·0	68·4	70
Dinajpore ...	Dinajpore ...	7,254	5,306	12,560	4	5	*9*	16·6	20·7	*37·3*	80	...	...	10	...	...	5	*15*	...	...	41·4	...	...	20·7	*62·1*	58·0	8	7	57·3	68·6	83

Rajshahye ...	Rampore Beauleah	10,768	9,025	19,791	6	6	*12*	15·7	15·7	*31·5*	100	...	...	14	...	...	...	*14*	...	...	36·8	...	...	...	*36·8*	49·9	8	6	38·6	34·6	111
Rungpore ...	Rungpore	8,011	5,309	13,320	9	2	*11*	35·1	7·8	*42·9*	450	...	...	15	...	...	...	*15*	...	...	58·6	...	...	...	*58·6*	66·4	8	7	51·9	68·6	75
Bogra ...	Bogra	3,480	2,699	6,179	5	1	*6*	42·1	8·4	*50·5*	500	...	...	2	...	...	3	*5*	..	...	16·8	...	...	25·2	*42·1*	25·2	5	...	74·7	...	No female death.
Pubna ...	Pubna	7,701	7,566	15,267	8	9	*17*	27·2	30·7	*57·9*	89	...	...	9	...	...	1	*10*	...	...	30·7	...	...	3·4	*34·1*	40·9	7	3	47·3	20·6	229
	Serajganj	11,213	9,824	21,037	10	13	*23*	24·7	32·1	*56·9*	77	...	1	9	4	...	5	*19*	...	2·5	22·2	9·9	...	12·4	*47·0*	12·4	11	8	51·0	42·3	120
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	3	1	*4*	22·2	7·4	*29·6*	300	...	...	2	...	...	1	*3*	...	...	14·8	...	...	7·4	*22·2*	29·6	1	2	11·4	42·6	26
Julpaiguri ...	Julpaiguri ...	4,972	2,975	7,947	1	2	*3*	6·5	13·1	*19·6*	50	...	...	6	...	...	5	*11*	...	...	39·3	...	...	32·7	*72·0*	32·7	7	4	73·2	69·9	164
Dacca ...	Dacca	42,782	37,379	80,161	23	22	*45*	14·9	14·3	*29·2*	104	1	10	29	...	1	18	*59*	·6	6·5	18·8	...	·6	11·7	*38·3*	33·1	36	23	43·8	32·0	137
	Narainganj ...	7,605	4,956	12,561	3	6	*9*	12·4	24·8	*37·3*	50	...	...	2	2	...	5	*9*	...	..	8·3	8·3	...	20·7	*37·3*	53·8	5	4	34·2	42·0	81
Faridpore ...	Faridpore ...	5,663	4,600	10,263	4	5	*9*	20·3	25·3	*45·6*	80	...	...	11	...	...	3	*14*	...	...	55·7	...	...	15·2	*70·9*	40·5	5	9	45·9	101·7	45
Backerganj ...	Barisal	8,701	4,485	13,186	8	3	*11*	31·5	11·8	*43·4*	266	...	...	8	...	...	2	*10*	...	...	31·5	...	...	7·9	*39·4*	39·4	7	3	41·8	34·3	120
Mymensing ...	Nasirabad ...	10,443	4,413	14,856	2	2	*4*	7·0	7·0	*14·0*	100	...	...	4	...	...	3	*7*	...	...	14·0	...	...	10·5	*24·5*	14·0	5	2	24·9	23·6	105
Chittagong ...	Chittagong ...	13,340	8,790	22,130	9	11	*20*	21·1	25·8	*47·0*	81	...	1	5	1	...	1	*8*	...	2·3	11·7	2·3	...	2·3	*18·8*	21·1	4	4	15·6	23·7	65
Noakhali ...	Sudharam ...	3,410	1,714	5,124	4	1	*5*	40·6	10·1	*50·7*	400	4	...	1	...	...	1	*6*	40·6	...	10·1	...	...	10·1	*60·9*	71·0	...	6	...	182·0	No male death.
Tipperah ...	Comillah	8,153	5,353	13,506	13	10	*23*	50·1	38·5	*88·6*	130	...	...	10	...	...	3	*13*	...	..	38·5	...	...	11·6	*50·1*	38·5	10	3	63·8	29·1	219
Patna ...	Patna City ...	78,762	81,475	160,237	43	71	*114*	14·0	23·0	*37·0*	60	...	...	54	18	2	27	*101*	...	...	17·5	5·8	·6	8·8	*32·8*	27·6	60	41	39·6	26·2	151
	Behar	23,799	25,172	48,971	22	16	*38*	23·4	17·0	*40·4*	137	...	...	14	...	...	9	*23*	...	...	14·9	...	...	9·5	*24·4*	20·2	14	9	30·6	18·6	164
Gya ...	Gya	38,290	37,831	76,121	22	26	*48*	15·0	17·8	*32·8*	84	7	...	28	4	...	8	*47*	4·8	...	19·1	2·7	...	5·5	*32·1*	32·1	24	23	32·6	31·6	103
Shahabad ...	Arrah	20,960	22,505	43,465	28	20	*48*	33·5	23·9	*57·4*	140	...	...	11	1	...	9	*21*	...	...	13·2	1·2	...	10·7	*25·1*	22·7	12	9	29·8	20·8	143
	Buxar	9,299	8,369	17,668	8	8	*16*	23·5	23·5	*47·1*	100	...	...	8	...	...	2	*10*	...	..	23·5	...	...	5·9	*29·4*	70·6	6	4	33·6	24·9	135
Mozufferpore...	Mozufferpore ...	23,084	19,658	42,742	10	15	*25*	12·2	18·2	*30·4*	66	...	...	14	2	1	5	*22*	...	...	17·0	2·4	1·2	6·1	*26·8*	28·0	7	15	15·8	39·7	40
Durbhanga ...	Durbhanga ...	33,774	32,322	66,096	23	35	*58*	18·1	27·5	*45·6*	66	...	...	16	8	...	5	*29*	...	...	12·6	6·3	...	3·9	*22·8*	27·5	19	10	29·3	16·1	182
* Sarun ...	Chupra	25,116	26,554	51,670	18	16	*34*	18·1	16·1	*34·2*	112	...	...	13	2	...	15	*30*	...	...	13·1	2·0	...	15·1	*30·2*	21·1	18	12	37·3	23·5	158
Chumparun ...	Motihari	6,328	3,979	10,307	2	1	*3*	10·1	5·0	*15·1*	200	...	...	14	1	...	...	*15*	...	...	70·6	5·0	...	...	*75·7*	80·7	12	3	98·6	39·2	251
Monghyr ...	Monghyr	28,154	29,366	57,520	27	33	*59*	24·4	28·9	*53·3*	84	...	...	22	11	...	10	*43*	...	...	19·9	9·9	...	9·0	*38·9*	19·9	24	19	44·3	33·6	131
	Jamalpore ...	7,456	6,107	13,563	12	6	*18*	46·0	23·0	*69·0*	200	...	...	4	1	...	...	*5*	...	...	15·3	3·8	...	...	*19·1*	42·2	5	...	34·9	...	No female death.
Bhagulpore ...	Bhagulpore ...	34,916	33,322	68,238	24	25	*49*	18·3	19·0	*37·3*	96	...	...	32	4	...	2	*38*	...	...	24·4	3·0	...	1·5	*29·0*	32·8	25	13	37·2	20·3	183
Purneah ...	Purneah	8,463	6,553	15,016	4	2	*6*	13·9	6·9	*20·8*	200	...	...	9	...	...	2	*11*	...	...	31·2	...	...	6·9	*38·1*	27·7	7	4	43·0	31·7	135
Maldah ...	English Bazar ...	6,289	6,141	12,430	...	5	*5*	...	20·9	*20·9*	No male birth.	...	...	7	4	...	1	*12*	...	...	29·3	16·7	...	4·2	*50·2*	37·7	7	5	57·9	42·3	136
Sonthal Pergunnahs.	Deoghur	4,964	3,041	8,005	...	1	*1*	...	6·5	*6·5*	No male birth.	...	...	2	...	...	1	*3*	...	...	13·0	...	...	6·5	*19·5*	19·5	2	1	21·0	17·1	122
Cuttack ...	Cuttack	22,632	20,607	43,239	13	9	*22*	15·6	10·8	*26·5*	144	1	5	10	3	...	8	*27*	1·2	6·0	12·0	3·6	...	9·6	*32·5*	49·3	16	11	36·8	27·8	132
Poori ...	Poori	13,247	11,537	24,784	9	4	*13*	18·9	8·4	*27·3*	225	...	1	11	8	...	8	*28*	...	2·1	23·0	16·8	...	16·8	*58·7*	52·5	12	16	47·1	72·1	65
Balasore ...	Balasore	10,282	9,983	20,265	8	7	*15*	20·5	17·9	*38·5*	114	..	...	5	8	...	2	*15*	...	...	12·8	20·5	...	5·1	*38·5*	41·1	9	6	45·5	31·3	145
Hazaribagh ...	Hazaribagh ...	7,639	7,667	15,306	4	8	*12*	13·6	27·2	*40·8*	50	...	...	2	...	...	6	*8*	...	...	6·8	...	...	20·4	*27·2*	27·2	5	3	34·0	20·3	176
Lohardugga ...	Ranchi	10,101	8,342	18,443	7	3	*10*	19·7	8·4	*28·2*	233	...	...	4	...	...	2	*6*	...	...	11·3	...	...	5·6	*16·9*	25·4	4	2	20·6	12·5	164
Singbhum ...	Chaibassa	3,126	2,880	6,006	1	3	*4*	8·6	26·0	*34·6*	300	...	...	1	...	...	1	*2*	...	...	8·6	...	...	8·6	*17·3*	34·6	...	2	...	36·1	No male death.
Manbhum ...	Purulia	5,060	4,244	9,304	3	4	*7*	16·8	22·3	*39·1*	75	...	...	2	...	...	3	*5*	...	...	11·1	...	...	16·8	*27·9*	27·9	3	3	20·6	36·8	56
	Total ...	797,090	724,323	1,521,413	516	500	*1,016*	17·6	17·1	*34·7*	103	36	22	644	130	7	222	*1,061*	1·2	·8	22·0	4·4	·2	7·6	*36·3*	35·8	615	446	40·0	32·0	125

* Return not received up to date.

DISTRICTS.	NAMES OF MUNICIPALITIES.	13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
		Deaths among—					Ratio per 1,000 of population per annum.					Deaths.										Ratio per 1,000 of population per annum.									
		Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	16	9	...	...	...	35·1	45·6	...	...	2	2	2	...	4	4	3	1	3	4	157·6	46·1	44·6	...	66·5	26·3	22·6	11·3	63·5	140·4
	Raniganj	...	9	1	...	...	...	52·4	28·3	...	...	3	...	...	...	...	2	...	3	2	...	663·8	...	...	...	...	42·9	...	124·7	172·2	...
Bankura ...	Bankura	...	7	2	...	...	...	21·4	121·1	...	...	3	...	...	...	1	1	2	...	2	...	339·8	...	...	...	33·0	15·8	39·4	...	94·9	...
Birbhum ...	Soori	...	6	5	...	...	...	53·4	130·6	...	...	1	3	...	1	...	1	1	2	...	2	298·9	250·0	...	59·9	...	36·8	42·6	117·9	...	217·6
Midnapore ...	Midnapore ...	...	21	4	...	...	...	42·1	28·8	...	...	6	...	1	1	2	2	2	6	1	4	419·9	...	13·9	17·1	32·9	14·2	18·8	83·7	25·2	113·7
Hughli, including Serampore.	Hughli and Chinsurah.	1	33	14	...	...	226·1	67·9	118·1	...	...	5	2	2	...	...	5	8	8	9	9	323·8	46·9	34·0	...	...	41·9	72·9	99·7	180·0	225·8
	Serampore	...	23	4	...	...	...	47·4	221·7	...	...	4	6	1	...	...	1	5	2	4	4	293·0	172·9	20·7	...	...	9·7	52·3	30·8	106·6	149·5
	Utterpara	...	1	1	...	...	...	9·8	282·6	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	236·4	...	...	...	...	...
Howrah ...	Howrah	2	45	11	...	3	54·9	34·3	27·9	...	647·3	11	9	3	2	2	7	9	2	12	4	277·3	84·5	24·8	15·8	14·2	16·0	24·3	8·8	113·7	55·5
	Bali	...	13	...	...	...	...	50·4	...	...	...	1	2	...	...	2	1	2	1	3	1	143·6	104·1	...	...	77·9	15·5	37·3	26·9	148·9	71·0
24-Pergunnahs.	Cossipore-Chitpore*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Manicktola* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Baranagore* ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South Suburban*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nuddea ...	Krishnagar ...	...	14	8	...	...	...	30·1	50·2	...	...	4	4	...	1	...	5	1	3	1	3	419·4	81·3	...	18·5	...	54·1	13·1	47·8	24·7	90·3
	Ranaghat	..	1	...	...	...	...	7·1	..	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	51·8	...	...
	Santipore ...	...	3	4	...	...	...	7·5	23·8	...	...	1	...	...	1	1	...	...	...	...	4	61·5	...	...	17·9	23·4	...	...	...	...	105·9
Jessore ...	Jessore	...	5	17	...	...	...	57·6	231·3	...	...	1	1	2	1	3	7	1	2	2	2	268·0	105·3	131·1	78·2	213·1	180·7	34·0	99·0	184·7	227·1
Murshedabad.	Berhampore ...	...	19	1	...	...	...	54·4	10·0	...	...	5	3	...	1	2	1	1	2	4	1	689·7	97·9	...	27·3	59·0	11·7	11·7	30·2	110·7	32·5
	City Murshedabad	...	17	15	...	...	...	38·9	49·3	...	...	3	2	2	...	...	6	2	6	5	6	204·5	42·2	30·2	...	...	42·6	14·3	53·3	73·2	100·8
Khulna ...	Khulna	...	2	5	...	...	...	32·6	83·5	...	...	1	2	..	...	...	...	1	3	...	...	409·4	130·3	...	...	...	...	62·0	239·3	...	...
Dinajpore ...	Dinajpore ...	...	7	8	...	...	...	60·1	64·9	...	...	3	...	1	2	2	4	...	2	...	1	757·3	...	41·5	104·0	102·4	77·2	...	66·3	...	81·4
Rajshahye ...	Rampore Beauleah	...	5	9	...	...	...	26·2	47·7	...	...	1	2	2	...	2	1	1	1	1	3	128·1	73·6	50·0	...	68·5	12·5	14·4	21·2	41·9	163·0
Rungpore ...	Rungpore ...	...	4	10	...	1	...	38·1	78·2	...	319·0	3	1	...	1	1	2	1	4	1	1	669·5	58·1	...	47·0	46·4	32·9	18·9	131·7	70·7	101·0
Bogra ...	Bogra ...	...	2	3	...	...	...	39·0	45·0	...	...	3	...	...	..	...	1	...	...	...	1	1,138·7	...	...	...	...	39·4	...	...	...	165·6

Pubna	Pubna	...	2	8	...	...	...	14·6	51·3	...	...	2	1	...	1	1	1	4	...	...	...	262·0	35·7	...	37·	42·3	17·9	83·3	...	...	...
	Serajganj	...	8	11	...	...	...	48·5	46·6	...	...	10	2	1	...	1	...	1	1	2	1	964·7	48·5	17·0	...	31·7	...	16·4	23·2	83·3	44·6
Darjeeling	Darjeeling	...	2	...	1	...	...	22·6	...	31·5	...	1	...	...	...	...	1	1	...	...	...	429·8	...	...	...	...	26·0	36·3	...	...	...
Julpaiguri	Julpaiguri	...	7	4	...	...	...	85·7	57·0	...	...	...	...	...	2	2	2	2	2	...	1	...	...	...	144·0	164·0	57·4	69·0	139·8	...	165·1
Dacca	Dacca	...	17	42	...	...	...	21·9	55·5	...	...	14	5	4	2	4	7	4	2	5	13	383·6	35·3	21·0	13·1	28·5	23·8	17·8	12·4	54·9	118·0
	Narainganj	...	4	5	...	...	...	32·9	42·0	...	...	2	1	...	...	2	1	1	...	1	1	372·8	45·6	...	...	99·5	19·5	24·3	...	66·5	79·8
Faridpore	Faridpore	...	9	6	...	...	...	87·5	53·5	...	...	1	...	...	1	...	2	2	4	2	2	222·2	...	...	51·2	...	56·0	71·2	178·4	129·0	140·4
Backerganj	Barisal	...	7	3	...	...	...	60·3	22·8	...	...	2	...	...	...	...	1	1	1	1	4	530·6	...	...	...	...	16·4	20·8	34·2	58·3	366·8
Mymensing	Nasirabad	...	5	2	...	...	...	33·9	14·7	...	...	2	...	...	...	...	1	2	...	...	2	470·6	...	...	...	...	14·3	35·7	...	...	172·2
Chittagong	Chittagong	...	4	4	...	...	...	35·8	13·6	...	...	1	1	1	...	...	3	1	...	...	1	92·4	26·4	20·8	...	...	33·7	15·6	...	...	65·3
Noakhali	Sudharam	...	1	5	...	...	...	20·3	102·8	...	...	...	...	1	1	...	1	1	1	...	1	...	...	106·1	101·6	...	44·4	69·6	101·8	...	262·6
Tipperah	Comillah	...	4	9	...	...	...	35·0	63·3	...	...	6	...	1	1	...	...	1	1	1	2	1,050·5	...	31·9	35·6	...	...	26·1	39·6	64·9	153·4
Patna	Patna City	...	82	19	...	...	...	35·8	24·2	...	...	21	11	5	...	3	12	9	4	12	24	253·4	39·2	15·4	...	14·0	21·7	20·1	11·0	44·2	98·4
	Behar	...	17	6	...	...	...	26·3	20·4	...	...	11	1	1	...	1	1	1	1	3	3	385·2	9·0	8·6	...	17·4	6·1	7·4	10·1	43·1	43·4
Gya	Gya	...	37	10	...	...	...	32·1	32·3	...	...	10	4	1	1	1	2	9	6	3	10	290·5	32·7	7·4	7·7	9·9	7·1	36·8	31·9	23·7	101·0
Shahabad	Arrah	...	19	2	...	...	...	31·9	8·4	...	...	6	3	3	2	1	...	1	1	...	4	242·2	35·2	30·4	23·5	16·5	...	8·1	11·1	...	72·1
	Buxar	...	8	2	...	...	...	29·3	28·9	...	...	1	...	1	...	...	...	1	3	4	...	125·3	...	25·3	...	...	...	17·1	73·5	188·9	...
Mozufferpore	Mozufferpore	...	15	7	...	...	...	26·0	29·2	...	...	5	2	1	1	...	2	2	3	1	5	272·3	25·7	11·6	13·1	...	12·1	14·9	31·2	16·0	106·8
Durbhanga	Durbhanga	...	25	4	...	...	...	26·9	11·8	...	...	6	2	3	1	...	4	4	4	...	5	200·4	13·7	19·9	9·4	...	15·6	18·6	27·9	...	81·4
Sarun	Chupra	...	23	7	...	...	...	37·2	30·6	...	...	5	3	1	...	3	2	2	2	4	8	184·3	31·2	8·7	...	44·9	11·3	11·7	17·1	50·3	116·0
Chumparun	Motihari	...	10	5	...	...	...	69·1	93·8	...	...	4	5	2	...	1	...	1	1	...	1	1,518·2	264·8	94·1	...	78·0	...	35·1	43·5	...	85·7
Monghyr	Monghyr	...	29	14	...	...	...	33·7	57·9	...	...	7	2	3	3	...	4	7	3	4	10	245·1	16·7	22·1	27·2	...	20·1	40·8	24·5	52·3	145·0
	Jamalpore	...	5	...	...	...	...	26·5	...	...	...	...	1	...	...	...	2	...	...	1	1	...	34·1	...	...	...	37·1	...	...	75·9	78·0
Bhagulpore	Bhagulpore	...	32	6	...	...	...	34·0	16·5	...	...	6	2	3	5	3	6	5	4	4	...	217·4	16·0	22·1	35·8	31·5	23·9	23·7	27·2	41·0	...
Purneah	Purneah	...	7	4	...	...	...	39·7	36·7	...	...	1	1	...	...	1	...	4	1	1	2	183·7	43·0	...	...	52·3	...	72·9	28·0	55·5	128·9
Maldah	English Bazar	...	5	7	...	...	...	35·8	70·7	...	...	...	2	...	...	...	4	1	1	2	2	...	109·2	...	...	...	90·6	24·2	35·3	139·0	147·9
Sonthal Pergunnahs.	Deoghur	...	3	...	...	...	...	20·2	...	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	64·3	55·5	...	...
Cuttack	Cuttack	4	18	5	...	...	112·4	27·8	33·7	...	...	7	6	...	1	...	...	3	2	3	5	354·8	83·5	...	12·8	...	...	25·5	22·9	50·6	88·2
Poori	Poori	...	28	...	...	...	...	59·4	...	...	...	2	2	...	...	...	...	4	5	5	10	343·2	57·9	...	...	...	...	51·3	78·2	116·5	287·9
Balasore	Balasore	...	14	1	...	...	...	43·2	16·9	...	...	1	5	...	1	...	1	1	1	...	5	99·1	139·4	...	27·0	...	12·7	17·8	23·4	...	234·5
Hazaribagh	Hazaribagh	...	7	1	...	...	...	33·1	12·6	...	...	2	4	...	...	...	...	...	...	1	1	213·6	114·2	...	...	...	...	...	...	49·0	68·1
Lohardugga	Ranchi	...	3	2	...	1	...	16·9	19·3	...	22·0	1	1	...	...	1	1	1	...	1	...	110·6	28·2	...	...	37·4	13·6	16·9	...	53·0	...
Singbhum	Chaibassa	...	2	...	...	...	...	20·3	...	...	...	1	...	...	...	...	...	1	...	...	...	321·0	...	...	...	...	...	45·6	...	...	...
Manbhum	Purulia	...	5	...	...	...	...	33·4	...	...	...	1	2	...	...	...	...	1	...	...	1	293·8	116·7	...	...	...	...	30·7	...	...	151·6
	TOTAL	7	717	331	1	5	27·7	35·1	39·1	25·5	60·3	200	108	48	34	49	113	121	104	111	174	290·3	41·6	15·4	12·7	21·9	19·3	25·0	30·4	53·8	97·6

* Return not received up to date.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 23rd February 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.,*
Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT,—BENGAL.

IRRIGATION.

Statement showing heights over mean sea-level and low-water in the Rivers Ganges, Bhagiruthee, Jellinghee, and Brahmapootra, for the month of January 1892.

Date.	River Ganges.																River Bhagiruthee.		River Jellinghee.		River Brahmapootra.	
	Mirzapur.		Benares.		Buxar.		Dinapur.		Monghyr.		Sahebgunge.		Rampore Beauleah.		Goalundo.		Berhampore.		Sarupgunge.		Gowhatty.	
Distance. Miles.	From Allahabad 60		From Allahabad 134	From Mirzapur 49	From Benares 90		From Benares 177	From Buxar ... 87	From Benares 287	From Dinapur 110	From Benares 391	From Monghyr 94	From Benares 471	From Sahebgunge ... 90	From Benares 591	From Rampore Beauleah ... 120						
	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.
1st	5·08	211·30	1·83	198 63	2·67	171·72	9 30	143·53	0·58	102·43	Below zero. 0·41	67·58	1·58	43·58	2·58	11·52	3·71	37 45	3 33	7·63	0·80	149·56
2nd	5·00	211·22	1·71	198·51	2·58	171·63	9·20	143 43	0·47	102·32	0·50	67·50	1 54	43·54	2·50	11 44	3 62	37·36	3·08	7·38	0·60	149·36
3rd	4·92	211·14	1·67	198·47	2·50	171·55	9 20	143·43	0·37	102 22	0·58	67 42	1·50	43·50	2 50	11·44	3·58	37·32	3·00	7·30	0·40	149·16
4th	4·83	211·05	1·62	198·42	2·42	171·47	9·20	143·43	0 29	102 14	0·67	67·33	1·46	43·46	2 50	11·44	3 54	37·28	3 00	7·30	0·40	149·16
5th	4·92	211·14	1 54	198·34	2·33	171·38	9·10	143·33	0·17	102·02	0·75	67·25	1·42	43 42	2·50	11·44	3·50	37·24	3 09	7·30	0·30	149·06
6th	4 83	211·05	1·50	198·30	2·25	171·30	9·05	143 28	0·08	101·93	0·83	67·17	1·35	43 35	2·42	11·36	3·42	37·16	2·75	7·05	0·20	148·96
7th	4·75	210·97	1·46	198·26	2·25	171 30	9 00	143·23	0·04	101·89	0·92	67·08	1·31	43·31	2·42	11·36	3·33	37·07	2·67	6·97	0·20	148·96
8th	4·75	210·97	1·42	198·22	2·25	171·30	9·00	143·23	Below zero. 0·08	101·77	1·00	67·00	1·27	43·27	2·42	11·36	3·25	36·99	2·67	6 97	0·10	148·86
9th	4 67	210·89	1·33	198·13	2·17	171·22	8 90	143·13	0 17	101·68	1·08	66·92	1·21	43·21	2 42	11·36	3·17	36·91	2 58	6·88	Below zero. 0·30	148·46
10th	4·58	210·80	1·29	198·09	2·17	171·22	8·90	143·13	0·29	101·56	1·17	66·83	1·12	43·12	2 42	11·36	3·08	36·82	2·58	6·88	0·30	148·46
11th	4·58	210·80	1·25	198·05	2·17	171·22	8 90	143·13	0 33	101·52	1·25	66·75	1·06	43·06	2 42	11·36	3·04	36 78	2·50	6·80	0·20	148·56
12th	4·50	210·72	1·21	198·01	2·09	171·13	8·85	143 08	0 35	101·50	1 33	66·67	1·00	43·00	2 42	11 36	3 00	36·74	2·92	7 22	0·40	148·36
13th	4·50	210·72	1·17	197·97	2·08	171·13	8·80	143·03	0·37	101·48	1·42	66·58	0·92	42 92	2 33	11·27	3·00	36·74	2·67	6·97	0·20	148·56
14th	4·42	210·64	1·12	197·92	2·00	171·05	8·70	142·93	0·42	101·43	1·50	66·50	0·83	42·83	2 33	11·27	2 96	36 70	2 79	7·09	0·40	148·36
15th	4·42	210·64	1·08	197·88	2·00	171·05	8·70	142 93	0·46	101·39	1·58	66·42	0·75	42·75	2 42	11·36	2·92	36·66	2·58	6·88	0·30	148·46
16th	4·33	210·55	1·00	197 80	1·92	170·97	8·65	142·88	0·54	101·31	1·58	66·42	0·67	42·67	2·42	11·36	2·87	36·61	2·42	6·72	0·20	148·56
17th	4·33	210·55	0·92	197·72	1·92	170·97	8 60	142·83	0·62	101·23	1·67	66·33	0·58	42·58	2·42	11·36	2·83	36·57	2·42	6·72	0 20	148·56
18th	4·33	210·55	0·83	197·63	1·83	170·88	8·50	142 73	0·67	101·18	1·75	66·25	0 50	42·50	2·42	11·36	2 83	36·57	2·37	6·67	0·40	148 36
19th	4·25	210·47	0·75	197·55	1·84	170·88	8·50	142·73	0·71	101·14	1 75	66·25	0·42	42·42	2 33	11·27	2·79	36·53	2·33	6·63	0·60	148·16
20th	4·17	210·39	0·71	197·51	1·75	170·80	8·40	142·63	0·75	101·10	1·83	66 17	0·33	42 33	2 33	11 27	2·75	36·49	2·25	6·55	0·50	148·26
21st	4·08	210 30	0·67	197·47	1·75	170·80	8·30	142 53	0·79	101·06	1·92	66·08	0·25	42·25	2·50	11·44	2·71	36·45	2·12	6·42	0·60	148·16
22nd	4·08	210·30	0·62	197·42	1·67	170·72	8·30	142 53	0 83	101·02	2·00	66·00	0·17	42·17	2·50	11·44	2·67	36·41	2·08	6·38	0·60	148·15
23rd	4·00	210·22	0·58	197·38	1·67	170·72	8·20	142·43	0·87	100·98	2 08	65·92	0 08	42·08	2·42	11 36	2·62	36·36	2·08	6 38	0·60	148·16
24th	4·00	210·22	0 58	197·38	1·58	170·63	8·20	142·43	0·92	100·93	2 08	65·92	0 02	42·02	2·33	11·27	2·58	36 32	2·08	6·38	0·55	148·21
25th	4·08	210·30	0·67	197·47	1·58	170·63	8·20	142·43	0·98	100·87	2·17	65·83	Below zero. 0·04	41·96	2·25	11·19	2·58	36·32	2·04	6·34	0·50	148·26
26th	4·00	210·22	0·67	197·47	1·58	170·63	8·15	142·38	1·04	100·81	2·25	65·75	0 08	41·92	2·17	11·11	2·58	36·32	2·17	6·47	0·45	148·31
27th	4·00	210·22	0·67	197·47	1·50	170·55	8·10	142·33	1·06	100·79	2·33	65·67	0·12	41·88	2·17	11·11	2·54	36·28	2·37	6·67	0 40	148·36
28th	4·00	210·22	0·62	197·42	1·50	170·55	8·00	142·23	1·12	100·73	2·33	65·67	0·17	41·83	2·17	11·11	2·52	36·26	2·46	6·76	0·40	148·36
29th	4·08	210·30	0·58	197·38	1·42	170·47	8·00	142·23	1·17	100·68	2 42	65·58	0·21	41·79	2·17	11·11	2·50	36·24	2·67	6·97	0·40	148·36
30th	4·00	210·22	0·58	197·39	1·42	170·47	8·00	142 23	1·21	100 64	2·42	65 58	0·25	41·75	2·33	11·27	2·46	36·20	2·75	7·05	0·40	148·36
31st	4·00	210·22	0·58	197·38	1·42	170·47	7·95	142·18	1·25	100·60	2·50	65·50	0·29	41·71	2·42	11·36	2·42	36 16	2·58	6·88	0 30	148·46

CALCUTTA,
The 23rd *February* 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1891-92.

Areas leased for irrigation up to end of December 1891.

Circle.	District.	Canal.	Estimated full discharge.	Average discharge in month.	Discharge utilised.	Approximate area of land irrigated during the year up to the end of the month.	Approximate area of land under irrigation up to the same date last year.	Details of areas leased: Five years, all crops.	Five years, kharif.	Annual leases: Kharif.	Rabi.	Sugarcane.	Bhadoi.	Hot-weather.	Total.	Grand Total.	Rainfall, 1891-92: During month.	Up to end of month.	Rainfall, 1890-91: During month.	Up to end of month.	Remarks.
			C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	Inches.	Inches.	
Orissa	Cuttack	Taldunda, 1st reach	1,312	58	}	} 10,537	} 10,584	...	} 10,590	......	} 273	} 21	......	......	} 294	} 10,884	......	76·60	......	70·68	
		Ditto, 2nd „	566	17																	
		Machgong	776	41	0·46	33,358	27,313	......	30,899	......	63	4	......	......	67	30,966	......	62·19	......	58·03	
		Kendrapara	1,067	347·22	106·73	46,809	51,694	......	51,976	......	3,307	50	......	......	3,357	55,333	......	51·98	......	68·50	
		Gobri	372·52	52	54	3,063	5,059	......	3,264	......	74	......	......	......	74	3,338	......	48·93	......	62·36	
		Do. Extension	648	58·06	10	3,633	4,068	......	3,418	......	20	......	......	......	20	3,438	......	73·33	......	52·45	
		Pattamoondi	885	100	41·30	13,541	12,645	......	11,785	......	41	......	......	......	44	12,829	No rain gauge		No gauge fixed.		
		High Level, Range I	608	......	......	21,173	20,611	......	22,060	......	17	11	......	......	28	22,088	Ditto.		......	......	
		Ditto, ditto II	726·16	......	......	2,732	2,526	......	2,529	......	62	......	......	......	62	2,591	......	42·84	......	45·90	
		Jajepore Canal	700	......	......	1,366	......	......	662	5	......	......	......	......	5	667	......	......	......	......	
	Balasore	High Level, Range III	726·16	......	......	37,201	36,441	......	40,690	......	1	174	......	......	175	40,965	......	......	......	......	
		Total	......	......	......	173,413	170,941	......	178,873	5	3,861	260	......	......	4,126	182,999	....	62·00	......	43·33	
		Total of the corresponding period of last year	......	......	......	......	......	......	178,301	......	4,264	218	......	......	4,482	182,873	......	......	......	......	
South-Western.	Midnapore	Midnapore	1,411	90	......	76,073	75,501	......	76,636	......	......	......	......	......	......	76,636	......	54·92	......	49·63	30 days discharging.
		Panchkoora	522	3	......	5,258	4,617	......	5,681	......	......	......	......	......	......	5,681	......	41·60	......	49·18	3 days' discharging.
	Howrah	Tidal Reaches, Ranges I-II	......	......	......	375	363	......	376	......	......	......	......	......	......	376	......	......	......	......	
		Total	......	......	......	82,396	80,839	......	82,713	......	......	......	......	......	......	82,713	......	......	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	......	80,627	47	......	......	......	......	47	80,674	......	......	......	......	
Sone	Shahabad	Western Main	4,342	2,905	361	45,555	17,217	14,380	......	1,329*	31,174	105	......	155	32,663	47,043	}	} 18·92	......	50·53	* The decrease is due to areas converted into 5 years' leases.
		Buxar	1,226	765	402	111,712	58,848	57,920	......	3,203*	44,382	135	26	2,864	50,610	108,530					
		Arrah	2,960	1,602	588	153,760	103,194	104,024	......	13,857*	19,730	578	169	6,934	41,288	145,912	......	23·99	......	62·93	
	Patna and Gya.	Eastern Main	} 1,466	442	335	2,303	1,614	1,265	......	520	528	8	1	......	1,057	2,322	}	} 34·01	......	59·53	
		Patna				88,823	61,944	50,768	......	27,694	9,156	290	324	......	37,454	88,222					
		Total	......	......	......	402,013	272,825	228,957	......	46,503	104,970	1,106	520	9,973	163,072	392,029	......	......	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	211,387	......	36,655	11,687	3,920	360	8,444	61,066	272,453					
		Grand Total	......	......	......	657,752	524,605	228,957	261,586	46,308	108,831	1,366	520	9,973	167,198	657,741	......	......	......	......	
		Grand Total of the corresponding period of last year	......	......	......	......	......	211,387	259,018	36,702	15,951	4,138	360	8,444	65,595	536,000	......	......	......	......	

CALCUTTA,
The 23rd February 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Major Works for the month of December 1891, as compared with that of the corresponding month of the previous year.

Canals.	Tollage, 1891-92. During the month.			Tollage, 1891-92. To end of the month.			Tollage, 1890-91. During the month.			Tollage, 1890-91. To end of the month.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Orissa Circle.												
Taldunda Canal System	52	10	3	3,277	1	0	36	12	11	1,747	6	7
Kendrapara ditto	9,118	4	9	66,470	3	4	9,369	12	6	68,729	5	4
High Level, Range I	1,302	1	3	7,814	13	9	1,053	13	5	7,642	7	11
Ditto, „ II	3[illegible]0	15	0	1,765	1	6	218	1	3	2,253	3	0
Ditto, „ III	183	15	6	1,205	13	5	143	15	3	1,641	8	5
Jajepore Canal ...	13	9	9	164	8	0	19	2	3	215	1	0
Total Orissa Circle ...	10,991	8	6	80,697	9	0	10,841	9	7	72,229	0	3
South-Western Circle.												
Midnapore Canal	12,579	0	3	80,970	10	0	10,868	15	0	87,870	15	6
Hidgellee Tidal Canal ..	4,407	7	6	20,818	0	3	2,435	6	9	26,553	13	3
Total South-Western Circle	16,986	7	9	1,01,788	10	3	13,304	5	9	1,14,424	12	9
Sone Circle.												
Patna Canal System ...	1.230	2	0	18,665	15	0	2,512	1	6	18,396	1	8
Arrah ditto ...	993	5	3	16,218	13	9	1,272	9	3	13,850	5	9
Buxar ditto ...	542	13	0	7,907	6	0	944	4	3	7,338	7	0
Total Sone Circle ...	2,766	4	3	42,792	2	9	4,728	15	0	39,584	14	5
GRAND TOTAL ...	30,744	4	6	2,25,278	6	0	28,874	14	4	2,26,238	11	5

Government Transport Service.

Canal.	Tollage, 1891-92. During the month. Passengers.	Goods.	Total receipts.	Tollage, 1891-92. To end of the month. Passengers.	Goods.	Total receipts.	Tollage, 1890-91. During the month. Passengers.	Goods.	Total receipts.	Tollage, 1890-91. To end of the month. Passengers.	Goods.	Total receipts.
Orissa Circle.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level ..	1,596	2,198	1,494 14 5	8,604	8,226	8,524 11 9	1,330	1,089	1,264 9 0	8,594	6,470	8,711 9 8
Total Orissa Circle	1,596	2,195	1,494 14 5	8,604	8,226	8,524 11 9	1,336	1,089	1,264 9 0	8,594	6,470	8,711 9 8

Total Navigation Receipts.

Canals.	Earnings, 1891-92. During the month.			Earnings, 1891-92. To end of the month.			Earnings, 1890-91. During the month.			Earnings, 1890-91. To end of the month.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Orissa Canals ...	12,486	6	11	89,222	4	9	12,106	2	7	80,940	9	11
Midnapore Canal ...	12,579	0	3	80,970	10	0	10,868	15	0	87,870	15	6
Hidgellee Tidal Canal ...	4,407	7	6	20,818	0	3	2,435	6	9	26,553	13	3
Sone Canals ...	2,766	4	3	42,792	2	9	4,728	15	0	39,584	14	5
Total ...	32,239	2	11	2,33,803	1	9	30,139	7	4	2,34,950	5	1

CALCUTTA,
The 22nd February 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH, BENGAL.

Abstract Statement showing Tollage on Canals in Bengal classed as Minor Works and Navigation for the month of December 1891, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1891-92.						TOLLAGE, 1890-91.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Calcutta and Eastern Canals	38,147	7	3	2,55,001	1	6	41,440	15	9	2,42,591	13	6
Tolly's Nullah ...	10,714	14	0	79,123	9	9	11,115	10	6	78,574	9	3
Total ...	48,862	5	3	3,34,124	11	3	52,556	10	3	3,21,166	6	9
Orissa Coast Canal ...	4,642	2	6	36,668	9	9	4,052	13	0	45,479	2	6
Nuddea Rivers ...	11,306	10	6	1,67,259	6	6	12,373	1	0	1,66,847	0	3
GRAND TOTAL ...	64,811	2	3	5,38,052	11	6	68,982	8	3	5,33,492	9	6

CALCUTTA,
The 22nd February 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 20th February 1892, as compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 20TH FEBRUARY 1892.			WEEK ENDING SATURDAY, THE 21ST FEBRUARY 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	1,266	4 60,100	7,832	1,786	4,01.925	6,706
Jute	16	12,825	227	194	1,40,750	2.548
Firewood	122	83,650	1,255	80	48,250	741
Other articles	869	2,34,450	3,628	1,046	2,49,575	3,854
Total ...	2,273	7,91,025	12,942	3,106	8,40,500	13,849

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 13th February 1892, on 1,525½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*308,299	*3,25,867 5 0	29,02,554 20	6,62,075 14 0	17,307 13 0	10,05,251 0 0	73,029½	104,058	177,087½
Or per mile of railway	......	213 9 10	.....	434 0 1	11 5 6	6[illegible]8 15 5	......	......	....
For previous 5 weeks of half-year ...	1,421,827	16,70,604 13 0	1,39,86,957 10	31,72,214 9 0	1,04,973 0 0	49,47,792 6 0	391,929	509,744½	901,673½
Total for 6 weeks ...	1,730,126	19,96,472 2 0	1,68,89,511 30	38,34,290 7 0	1,22,280 13 0	59,53,043 6 0	464,958½	613,802½	1,078,760½
Comparison.									
Total for corresponding week of previous year ...	456,388	5,15,473 8 1	24,71,989 0	5,94,876 11 6	19,158 8 6	11,29,508 12 1	91,396	95,554	186,950
Per mile of railway corresponding week of previous year ...	......	337 14 6	.....	389 15 3	12 8 11	740 6 8	......	......	.....
Total to corresponding date of previous year ...	1,938,145	23,58,493 13 8	1,63,64,779 10	39,08,492 8 7	1,25,378 11 5	63,92,365 1 8	498,294	603,262	1,101,556

* The heavy decrease in coaching traffic is due to exceptional receipts on account of "Ardhodoy Joga" during the corresponding period of 1891.

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 13th February 1892, on 57⅕ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	13,959*	7,439 13 0*	58,118 10	3,714 0 0	53 0 0	11,206 13 0	1,830	564	2,394
Or per mile of railway	244	130 1 1	1,016 10	64 14 11	0 14 9	195 14 9	.....	......	......
For previous 5 weeks of half-year ...	78,988	43,751 5 0	2,26,082 20	15,635 14 0	274 0 0	59,661 3 0	9,572	4,353	13,925
Total for 6 weeks ...	92,947	51,191 2 0	2,84,200 30	19,349 14 0	327 0 0	70,868 0 0	11,402	4,917	16,319
Comparison.									
Total for corresponding week of previous year	25,712	16,227 5 11	41,814 0	2,858 10 0	36 9 3	19,122 9 2	1,567	941	2,508
Per mile of railway corresponding week of previous year .	449½	283 11 2	731 0	49 15 7	0 10 3	334 5 0	......	......	.....
Total to corresponding date of previous year	129,769½	79,256 4 5	2,53,498 20	17,044 7 0	360 15 3	96,661 10 8	10,360	5,385	15,745

* The heavy decrease in coaching traffic is due to exceptional receipts on account of "Ardhodoy Joga" during the corresponding period of 1891.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 13th February 1892, on 22½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*22,894	*5,781 14 0	23,463 30	881 13 0	10 0 0	6,673 11 0	882	86	968
Or per mile of railway . ..	......	259 13 9	......	39 10 2	0 7 2	290 15 1	......	......	......
For previous 5 weeks of half-year	101,141	25,413 10 0	77,407 0	2,743 4 9	69 0 0	28,225 14 9	4,696	430	5,126
Total for 6 weeks ...	124,035	31,195 8 0	1,00,870 30	3,625 1 9	79 0 0	34,899 9 9	5,578	516	6,094
Comparison.									
Total for corresponding week of previous year	53,428½	15,310 4 10	16,646 10	644 0 0	11 9 6	15,965 14 4	1,224	228	1,452
Per mile of railway corresponding week of previous year ...	......	688 1 8	......	28 15 1	0 8 4	717 9 1	......	......	......
Total to corresponding date of previous year	170,757½	48,214 8 2	82,496 20	2,930 1 0	53 6 0	51,197 15 2	6,322	652	6,974

* The heavy decrease in coaching traffic is due to exceptional receipts on account of "Ardhodoy Joga" during the corresponding period of 1891.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 13*th February* 1892, *on* 162 *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	14,506	8,831 6 0	38,103 0	6,550 15 0	46 0 0	15,428 5 0	5,663½	1,854½	7,518
Or per mile of railway	......	54 8 3	......	40 7 0	0 4 6	95 3 0	......	......	......
For previous 5 weeks of half-year	69,307	51,108 3 0	2,38,824 30	41,192 7 0	368 0 0	92,668 10 0	31,410	10,817¼	42,227
Total for 6 weeks ...	83,813	59,939 9 0	2,76,927 30	47,743 6 0	414 0 0	1,08,096 15 0	37,073¼	12,672	49,745¼
Comparison.									
Total for corresponding week of previous year	......	......	......	......	......	......	......	......	......
Per mile of railway corresponding week of previous year ..	......	......	......	......	......	......	......	......	......
Total to corresponding date of previous year	......	......	......	......	......	......	......	......	......

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Behar Sections.)

Approximate Return of Traffic for week ended 13*th February* 1892, *on* 777 *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	171,872	92,470 0 0	4,75,537 0	74,910 0 0	10,590 0 0	1,77,970 0 0	29,000	27,514	56,544
Or per mile of railway	221	119 0 0	612 0	97 0 0	†1 0 0	217 0 0	......	......	......
For previous 5 weeks of half-year	922,183	4,44,080 0 0	28,69,047 0	4,75,880 0 0	60,620 0 0	9,80,580 0 0	154,516	139,919	294,435
Total for 6 weeks ...	1,094,055	5,36,550 0 0	33,44,584 0	5,50,790 0 0	71,210 0 0	11,58,550 0 0	183,516	167,463	350,979
Comparison.									
Total for corresponding week of previous year	326,200	*2,37,803 0 0	6,80,398 0	1,11,972 0 0	41,100 0 0	3,90,875 0 0	38,265	33,493	71,764
Per mile of railway corresponding period of previous year ...	420	306 0 0	876 0	144 0 0	†4 0 0	454 0 0	......	......	......
Total to corresponding date of previous year	1,459,149	9,43,144 0 0	40,98,195 0	7,95,035 0 0	2,17,571 0 0	19,55,750 0 0	204,959	220,826	425,785

* Due to Aurdhodoya bathing festival.
† Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 13*th February* 1892, *on* 125 *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	28,406	10,880 0 0	70,108 0	4,300 0 0	60 0 0	15,240 0 0	2,747	2,925	5,672
Or per mile of railway	228	87 0 0	561 0	34 0 0	1 0 0	122 0 0	.. ...	......	......
For previous 5 weeks of half-year	140,514	51,290 0 0	3,08,343 0	19,510 0 0	510 0 0	71,310 0 0	17,969	11,994	29,963
Total for 6 weeks ...	169,010	62,170 0 0	3,78,451 0	23,810 0 0	570 0 0	86,550 0 0	20,716	14,919	35,635
Comparison.									
Total for corresponding week of previous year	47,213	*33,073 0 0	55,315 0	2,793 0 0	58 0 0	35,924 0 0	3,899	2,731	6,630
Per mile of railway corresponding week of previous year ...	378	265 0 0	443 0	22 0 0	......	287 0 0	......	......	......
Total to orresponding date of previous year	225,337	1,25,404 0 0	3,62,750 0	19,301 0 0	598 0 0	1,45,303 0 0	23,182	15,094	38,276

* Due to Aurdhodoya bathing festival.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 13th February 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	16,820	5,410 0 0	10,084 0	1,100 0 0	70 0 0	6,580 0 0	2,504	720	3,224
Or per mile of railway	196	63 0 0	127 0	13 0 0	1 0 0	77 0 0	......	......	......
For previous 5 weeks of half-year	93,166	30,020 0 0	52,720 0	5,760 0 0	970 0 0	36,750 0 0	12,428	4,518	16,946
Total for 6 weeks ...	109,986	35,430 0 0	63,068 0	6,860 0 0	1,040 0 0	43,330 0 0	14,932	5,238	20,170
Comparison.									
Total for corresponding week of previous year	18,515	*7,581 0 0	54,424 0	5,511 0 0	163 0 0	13,255 0 0	2,778	1,738	4,516
Per mile of railway corresponding period of previous year	215	88 0 0	633 0	64 0 0	2 0 0	154 0 0	......	......	......
Total to corresponding date of previous year	129,889	50,087 0 0	2,47,433 0	23,388 0 0	1,214 0 0	74,719 0 0	16,831	9,123	25.954

* Due to Aurdhodoya bathing festival.

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 13th February 1892, on 27¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,045	1,180 0 0	14,748 0	780 0 0	10 0 0	1,970 0 0	317	608	925
Or per mile of railway	112	43 0 0	541 0	29 0 0	......	72 0 0	......	......	......
For previous 5 weeks of half-year	16,846	5,580 0 0	71,047 0	3,710 0 0	210 0 0	9,500 0 0	2,582	2,576	5,158
Total for 6 weeks ...	19,891	6,760 0 0	85,795 0	4,490 0 0	220 0 0	11,470 0 0	2,899	3,184	6,083
Comparison.									
Total for corresponding week of previous year ...	7,550*	3,162 0 0	8,518 0	474 0 0	14 0 0	3,650 0 0	945	418	1,363
Per mile of railway corresponding week of previous year ...	277	116 0 0	313 0	17 0 0	1 0 0	134 0 0	......	......	......
Total to corresponding date of previous year	29,723	11,475 0 0	87,103 0	3,971 0 0	70 0 0	15,525 0 0	4,022	3,522	7,544

* Due to Aurdhodoya bathing festival.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhoot State Railway.)

Approximate Return of Traffic for the week ending 6th February 1892, on 753(a) miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 753 (a) miles open	81,170	36,340	3,80,900	52,630	9,690	98,660	11,399	18,948	30,347
Or per mile of railway (751) (b)	108·08	48·39	507·19	70·08	12·90	131·37	......	......	......
For previous 4¾ weeks of half-year	331,910	1,42,400	12,47,740	1,61,260	34,270	3,37,930	49,127	63,888	1,13,015
Total for 5¾ weeks ...	413,080	1,78,740	16,28,640	2,13,890	43,960	4,36,590	60,526	82,836	1,43,362
Comparison.									
Total for corresponding week of previous year on 705 miles open	133,500	(c) 70,010	375,216	54,464	9,456	1,33,930	11,595	21,271	32,866
Per mile of corresponding week of previous year	189·36	99·31	532·22	77·25	13·41	189·97	......	......	......
Total to corresponding date of previous year	489,964	2,23,815	20,46,716	2,78,360	44,767	5,46,942	55,028	102,431	1,57,459

(a) 14 miles from Colonelganj to Gogra ghât of the Bahram ghât extension opened from 1st February 1892.
(b) Calculated upon average mileage (751.)
(c) Increase in passenger traffic is due to bathing-mela at Semaria ghât.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 30th January 1892	7,848	0	0
Corresponding period of 1891	7,759	0	0
Increase	89	0	0
Receipts per mile for week ending 30th January 1892	153	14	1
Corresponding period of 1891	152	2	4
Increase	1	11	9
Receipts from 1st to 30th January 1892	30,862	0	0
Corresponding period of 1891	33,074	0	0
Decrease	2,212	0	0

Printed and published by Edwin Morris Lewis, at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 24th February 1892.

[REGISTERED No. 29.]

No. 9 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, MARCH 2, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 27th February 1892.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.			
BURDWAN DIVN.			
1	Burdwan Feb. 27, '92 Kalna ... Katwa ... Raniganj ...	0·01 Nil Nil Nil	Weather—seasonable. *Rabi* crops being harvested and sugarcane pressed. State of *rabi* crops in Sadar subdivision reported not good. Supply of fodder and water sufficient, but in Kalna water is reported to be diminishing. Prices of common rice:— Srs. Sadar ... ... 13 } Kalna ... ... 14 } per rupee. Katwa ... ... 13¾ } Raniganj ... ... 14 }
2	Bankura .. 27, '92	0·05	Weather—rather cool for the season; sky cloudy. *Rabi* plants doing well. Pressing of sugarcane continues. Condition of cattle fair. Fodder and water hardly sufficient. Common rice selling at 16⅞ seers per rupee at Vishnupur and 15¼ seers at Bankura.
3	Birbhum „ 27, '92 Rampur Hât ...	0·10 Nil	Weather—warm and cloudy now and then. Sugarcane being pressed. *Rabi* crops in this district not important; such as they are, they have suffered for want of rain. Fodder and water plentiful. Cattle-pox reported from some villages. Price of common rice 14¼ to 16 seers per rupee.
4	Midnapur „ 27, '92	Nil	Weather—fair but sultry, except in Contai. Prospects of *rabi* and indigo fair; but rain everywhere wanted. Increasing prices in Ghatál. Fodder generally sufficient. Prices of common rice:— Srs. Sadar ... ... 14 } Contai ... ... 17 } per rupee. Tamluk ... ... •13 }
5	Hooghly .. 27, '92 Serampore ... Jahanabad ...	0·05 Nil Nil	Weather—seasonable. Sugarcane and potatoes are giving a good yield. No difficulty in obtaining fodder and water-supply. Prices of common rice:— Srs. Sadar ... ... 12 } Serampore ... ... 12 } per rupee. Jahanabad ... ... 15 }
6	Howrah „ 27, '92 Ulubaria ...	Nil Nil	Weather—generally fine. *Rabi* crops not doing well for want of rain. Outturn of sugarcane crop good. Price of common rice 12¼ to 13 seers per rupee. Health of cattle good. Fodder and water-supply becoming less.
PRESIDENCY DIVN.			
7	24-Parganas „ 27, '92	Nil	Weather—seasonable. Prospects of *rabi* crops not good. Rain wanted. Pressing of sugarcane continues. Prices stationary. Supply of fodder and water sufficient. Cattle-disease reported from thana Haroa.
8	Nadia „ 27, '92 Kushtia ... Meherpur ... Chuadanga ... Ranaghat ...	Nil Nil 0·11 Nil 0·04	Weather—seasonable. Prospects of *rabi* crops continue bad. Cultivation of land for *aus* and sugarcane going on. Common rice sells at 11 seers 7 chitaks to 13 seers 14 chitaks per rupee. Condition of cattle good, and supply of fodder and water sufficient.
9	Khulna „ 27, '92 Bágerhat ... Satkhira ...	0·19 Nil Nil	Weather—cloudy in the Sadar, cool and clear elsewhere. Harvesting of *aman* nearly complete. Rain much wanted for *boro*. Mustard and tobacco being harvested. Fodder and water sufficient except in a few villages in Mallahat. Coarse rice selling at from 13 to 15 seers per rupee.
10	Jessore „ 27, '92 Jhenida .. Magura ... Narail ... Bangaon ...	Nil Nil Nil 0·03 Nil	Weather—mornings and evenings cool and pleasant. Days rather warm. Rain badly wanted for tillage and for late *rabi*. Most *rabi* crops being harvested. Supply of water and fodder sufficient. Price of rice stationary.
11	Murshidabad „ 27, '92	0·22	Weather—getting warmer. Mustard, *matar* and *masuri* being harvested. Sugarcane being pressed. Coarse rice sells at 13 seers per rupee. No want of fodder.
CHITTAGONG DIVN.			
12	Chittagong „ 27, '92	0·25	Weather—seasonable. More rain wanted for vegetable crops. Prices stationary. Condition of cattle generally good. Supply of fodder sufficient.
13	Noakhali „ 27, '92	Nil	Thunderstorm with ·85 inch rain at Fenny on 21st; weather cool. *Rabi* crops not in a good state owing to continued drought in most parts of the district. Price of rice has risen at Sadar to 13⅞ seers, but stationary at Fenny at 15¼ seers. Fodder and water-supply sufficient except in some parts of Fenny.
14	Tippera „ 27, '92	0·07	Weather—fairly cool; cloudy; occasionally foggy. *Rabi* crops suffering from want of rain. *Boro* paddy doing well. Prices stationary.
15	Chittagong Hill Tracts. „ 25, '92	1·2	Weather—sultry, hot and cloudy throughout the week. Chillies, garlic, onions and *dáls* ripening. Vegetables and other crops possibly improving by yesterday's (24th) rain. *Jum* cutting continues. Plough lands and the lands for sugarcane plantation are being ploughed. Cattle-disease prevailing. Common rice selling at 11 seers and 9 chitaks per rupee.

No	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—*concld.*				
Dacca Divn.				
16	Dacca	Feb. 27, '92	Nil	Weather—seasonable. Ploughing of land for early rice going on. Prospects of *rabi* crops fair. *Boro* paddy doing well. Fodder available. Common rice selling at from 12 to 16 seers per rupee. Condition of cattle generally good.
17	Faridpur Goalundo Madaripur	" 27, '92	Nil Nil Nil	Weather—cool and occasionally cloudy. Harvesting of mustard nearly over. State of wheat, barley, linseed and other standing crops fair. More rain urgently wanted. Land being prepared for cultivation of *aus* paddy. Jute being sown. Common rice selling at 14½ seers, 13 seers, and 15 seers per rupee at Sadar, Goalundo, and Madaripur respectively. Fodder and water available. Condition of cattle good.
18	Backergunge	" 27, '92	0·11	Weather—seasonable. State and prospects of crops fair. Ordinary rice selling at from 10 to 14 seers per rupee. Supply of fodder and water sufficient.
19	Mymensingh	" 27, '92	Nil	Weather—seasonable. Prospects of standing crops fair on the whole. Rain wanted at Tangail and Jamalpur. Coarse rice sells at from 13 to 17 seers per rupee. Condition of cattle good. Fodder and water sufficient.
Rajshahye Divn.				
20	Dinajpur Thakurgaon	" 27, '92 ...	Nil Nil	Weather—dry with strong west wind during day; nights still cool. Pressing of sugarcane not yet finished. Land being ploughed for *bhadoi* and jute. Rain much wanted. Price of rice at Sadar 12 seers per rupee; that at Thakurgaon stationary. Condition of cattle good. Supply of fodder fair. Drinking water sufficient.
21	Rajshahi Nator Nowgong	" 27, '92	Nil 0·08 Nil	Weather—seasonable. Prospects of standing crops good. A little more rain wanted. Ploughing for *aus*, *aman*, and jute going on. Exportation of ganja in progress. Condition of cattle good. Fodder sufficient. Water-supply available everywhere except at Nowgong where it is scanty. Price of rice from 11 to 15 seers per rupee.
22	Rangpur Gaibanda Nilphamari Kurigaon	" 27, '92	Nil Nil Nil Nil	Weather—bright and clear. Sowing of *aus* rice going on. It is germinating fairly, and there appears to be sufficient moisture in the east of the district. Rain would do great good. *Rabi* crops fair. Price of rice varies from 13 seers in the south to 9 seers in the Borobari thana: average 12 seers per rupee. Fodder and water-supply sufficient.
23	Bogra Sherpur Naukhilla	" 27, '92	Nil Nil Nil	Weather—fine and dry, with high westerly winds. State and prospects of the few standing crops are good or very fair. Land is being ploughed for *aus* rice, jute, &c., and rain would do good. Cattle are doing well, and no scarcity of fodder or water is reported. Common rice selling on the average at 13 seers a rupee.
24	Pabna	" 27, 92	0·13	Weather—fresh west wind till to-day (27th); now showery. Sugarcane yielding 12 annas. Cold-weather crops deteriorating for want of rain. Rice 12 seers per rupee. Fodder and water-supply sufficient.
25	Darjeeling	" 27, 92	Nil	Weather—fair. Harvesting of potatoes finished. Sugarcane is being cut. Wheat and barley getting ripe. Tobacco doing well. Fodder a little improved by the late rain. Water-supply sufficient. No disease among cattle.
26	Jalpaiguri	" 27, '92	Nil	Weather—hot during day, cool at night. Cultivation for *bhadoi* in full swing. Harvesting of tobacco nearly completed; outturn estimated at 14 annas. Price of common rice stationary. Water and fodder-supply sufficient.
BEHAR.				
Bhagulpore Divn.				
27	Monghyr Begusarai Jamui	" 27, '92	Nil Nil Nil	Weather—growing warmer; high west wind from 23rd to 25th: a few drops of rain on 26th. *Rabi* crops continue to promise well: also mango and *mahua* and poppy. Ploughing for next crops going on. *China* sown. Rice selling at 12 seers and Indian-corn at 20 seers per rupee.
28	Bhágalpur	" 27, '92	Nil	West winds blowing; weather getting warmer. Rain of 15th did a little good, but prospects are not much improved. Probable yield of wheat between 4 and 6 annas. Fodder still sufficient. No cattle-disease. Common rice—old 10 seers 11 chitaks, new 12 seers 10 chitaks per rupee.
29	Purnea Kishanganj Araria	" 27, '92	Nil Nil Nil	High west wind. Harvesting of mustard nearly complete. Tobacco being cut. *Kauni* and sugarcane being planted. Indigo being sown on low lands; high lands cannot be sown for want of moisture. Recent rain did a little good in parts. No cattle-disease. Prices of common rice:— Srs. Sadar ... ... 11 to 13 } per rupee. Kishanganj ... ... 11 } Araria ... ... 13½ }
30	Malda Chanchal Shibganj Gajol	" 27, '92	Nil Nil Nil Nil	Weather—nights still fairly cool, days getting hot. Mornings occasionally cloudy. High west winds from 22nd to 24th. Prospects of *boro* paddy and *rabi* crops favourable. Peas, *khesari*, *masuri*, and *til* are ripening in some places. Condition of cattle good. Fodder and water-supply sufficient. Common rice selling at an average of 12 seers 3 chitaks per rupee.
31	Sonthal Parganas	" 27, 92	Nil	Weather—dry; hot west winds by day, cold at night. Mangoes in full flower. Ploughing begun after last week's rain. *Rabi* crop will be only 4 to 8 annas this year. Indigo sowing begun. Prices still high. Common rice 11 to 15 seers per rupee, Cattle-pox reported from various quarters. Tanks dry. Fodder sufficient.

Division	No.	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BEHAR—*concld.*					
Patna Division.	32	Patna	Feb. 27, '92	Nil	Weather—getting warmer; at times cloudy. *Rabi* being harvested in some places. Late sowings coming to maturity. Opium gathering is being generally carried on. Prices of food-grains showing a tendency to fall.
	33	Gaya	„ 27, '92	Nil	Weather—clear. Cold season disappearing gradually. Reaping of *rabi* in progress. Extraction of opium going on. Prices of food-grains almost stationary. Supply of fodder and water sufficient.
		Jahanabad	...	Nil	
		Aurungabad	...	Nil	
		Nawáda	...	Nil	
	34	Shahabad	„ 27, '92	Nil	Weather—hot with strong west wind. Prospect of *rabi* crops satisfactory. Wheat harvest has commenced. Last week's rain has provided sufficient fodder and water for cattle. A little hail, which has done very little damage, reported from Bhabhua subdivision. Prices almost stationary.
		Buxar	...	Nil	
		Bhabhua	...	Nil	
		Sasarám	..	Nil	
	35	Darbhanga	„ 27, '92	0·01	Weather—days getting warm with strong west wind prevailing. *Rabi* crops approaching to maturity and being harvested in places. Collection of opium in progress. Common rice selling at 12 to 13 seers per rupee. Fodder and water sufficient.
	36	Muzaffarpur	„ 27, '92	Nil	Weather—warm with rather high west wind during the greater part of the week. *Rabi* ripening quickly. Prospects unchanged, viz., good in low lands, indifferent or bad in high lands. *China, kauni* and *mung* sowings commencing. Prices steady. No distress as yet. Fodder-supply sufficient.
		Sitamarhi	...	Nil	
		Hajipur	...	Nil	
	37	Saran	„ 27, '92	Nil	Weather—seasonable. Cold mornings and evenings; strong west winds. Recent rain has been beneficial on the whole, specially to poppy and to indigo sowings which have begun everywhere. Crop prospects good. Prices of common rice:— Chapra ... ... Srs. 13 Ch. 0 per rupee. Siwán ... ... Srs. 13 Ch. 0 per rupee. Gopalganj ... ... Srs. 13 Ch. 6 per rupee.
	38	Champaran	„ 27, '92	Nil	Weather—days getting hot, nights cool. *Rabi* crops ripening. Fields being prepared for *aghani* and *bhadoi*. Poppy in full flower. Prices stationary. Fodder and water sufficient.
ORISSA.					
Orissa Divn.	39	Cuttack	„ 26, '92	Nil	Weather—sultry. Threshing of *guru sarad* nearly completed. *Dalua* paddy, cotton and tobacco doing well. Rain wanted. Common rice sells at from 11 seers 2 chitaks to 19 seers 11 chitaks per rupee. Fodder-supply sufficient.
	40	Puri	„ 25, '92	Nil	Weather—seasonable. Land being ploughed in places for next *sarad* crop. *Dalua* paddy growing well. Miscellaneous crops thriving. Common rice sells at from 12½ to 18 seers per rupee.
	41	Balasore	„ 27, '92	Nil	Weather—fine. Sugarcane is still being pressed. There are few crops on the ground. Rain wanted for ploughing. Rice sells at 18 seers per rupee.
CHOTA NAGPORE.					
South-West Frontier Agency.					
Chota Nagpore Divn.	42	Hazaribagh	Feb. 27, '92	Nil	Weather—getting less cold. Estimated outturn of *rabi* from 2 to 8 annas. Poppy doing well. Common rice sells at from 11 to 15 seers per rupee. Fodder and water-supply sufficient except in the jurisdictions of Chatra and Bagndar police stations.
		Giridih	...	Nil	
	43	Lohardaga	„ 27, '92	0·22	Weather—a little cloudy. Ploughing of land continues. Prospects of mango good. Common rice selling at 13 seers per rupee. Fodder and water sufficient.
	44	Palámau	„ 27, '92	Nil	Weather—cold and windy. *Rabi*, sugarcane and mango doing well. *Masur* being harvested in some places. Rice selling at 14½ seers per rupee. Fodder and water supplies continue to be sufficient.
	45	Singhbhum	„ 27, '92	Nil	Weather—cool and seasonable; clouds have come up again to-day (27th). Gram dál, cotton and linseed being harvested; outturn from 10 to 14 annas expected. Standing crops doing well. Price of rice stationary. Water and fodder plentiful.
	46	Manbhum	„ 27, '92	Nil	Weather—becoming hot during the day. Rice is selling at 15 seers per rupee. *Mahua* blossoming. Fodder and water-supply getting scarce.
		Gobindpur	...	Nil	

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 1*st March*, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal

The following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the Interior during the month of October, 1891.

IMPORTS INTO CALCUTTA.

Whence imported.	FOOD-GRAINS. Rice and Paddy. Rice.	Paddy.*	Total (in rice).	Wheat.	Gram and pulses.	Other food-grains.	Total.	FIBROUS PRODUCTS. Jute, raw.	Gunny-bags.†	OILSEEDS. Linseed.	Mustard seed.	Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR. Refined.	Unrefined.	TOBACCO. Unmanufactured.	Manufactured.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	[illegible]
BENGAL.																		
Burdwan	1,30,?83	21,178	1,44,019	540	7,066	595	1,5?,229	441	7,712	6,316	..	...	...	30	21	...	183	[illegible]
Birbhum	1,28,470	...	1,28,470	...	547	...	1,29,017	20	4,655	..	...	...	...	213	...	...	...	...
Midnapore	2,06,297	18,172	2,17,655	..	240		2,17,895	2,150		8,649	300	...	..	148	...	985	15	...
Hooghly	90,621	33,513	1,11,5?5	5,660	12,610	1,055	1,30,910	1,48,045	409,081	11,?36	263	...	637	8	464	12,184	4,095	[illegible]
24-Parganas ...	1,29,019	22,562	1,43,13?	..	596		1,43,7?0	3,26,406	350 4?5		4?	.	292	...	996	8,859	2,40?	[illegible]
Nadia	7,527	2,3?6	8,768	16,744	61,494	3,137	90,143	1,32,556	2,310	18,691	971	..	4	184	783	818	1,363	...
Khulna	10,?75	6,?25	14,041	..	..	..	14 041	89,5?9		...	.	..	...	...		3,030	..	...
Jessore	13,772	6,775	18 0 6	...	1 496		19 5?2	53,6?3	105	.	621	...	...	...	1,639	11,504	1,060	...
Murshidabad ...	6,604	..	6,?04	6,437	18,3?2	1,661	31,09?	30,806	1,950	6,010	724	...	4	915	165	...	29	...
Dinajpur	32,687	..	32 687	..	150	...	32,837	31,709	2,54,703	.		...	...	..	...	...	196	...
Rajshahi	8,489	...	8,489	676	18,484	...	27,649	1,10,585		7,163	2,169	...	...	668	...	...	..	...
Rangpur	217	...	217	182	...	50	449	1,57,010	89,010	..	838	..	.	...	...	...	24,641	...
Bogra	10,017	...	10,017	..	..	...	10,017	30,847	240	...	...	.	...	...	...	...	..	...
Pabna	1,541	...	1,541	.	246	.	1,787	5,73,?22	935,3?0	61	10,471	..		...	...	...	1,429	...
Darjeeling	...	...	...	...		...	...	7,9??	19 ,730	...	...	24,824	.	..	...	...	...	...
Jalpaiguri	..	...	..	...	...	...	..	89,?65	372,016	...	.	30,2?7	...	...	...	...	869	...
Dacca	7,124	...	7,124	.	466	..	7,?9?	6 71,05?	10,955	72	3,339	...	680	...	...	...	...	...
Faridpur	31,060	850	31,591	...	6,753	..	3?,346	6,17,928	3,745	523	21,148	..	41	2	...	...	126	...
Backergunge ...	3,42,212	1,150	3,42,?31	...	650	...	3,43,581	11,918	...	.	500	.	100	...	...	350	...	...
Mymensingh ...	1,745	.	1,745	478		.	2,2?3	30,192	35		3,778	.	..	...	...	...	...	...
Tippera	10,925	...	10,925	...	...	...	10,925	2,156	...	...	...	..	..	...	...	352	...	...
Chittagong ...	300		300	...	...	...	300	..	...	.	.	1,804	1,501	.	...	...	...	...
Noakhali	32,950	4,050	35,481	...	..	..	3?,481	825	..	.	...	...	100	.	...	...	..	...
Total of Bengal ..	12,0?,433	1,16,631	12,75,329	3?,726	1,29,192	6,493	14,41,745	31,48,416	2,034 758	61,456	54,417	56,875	3,630	2,117	4,087	38,163	36,4?1	[illegible]
BEHAR.																		
Patna	21	...	21	31,081	41,377	19,748	92 227	3,120	1,785	1,06,106	5,643	...	...	...	1,900	836	2,992	[illegible]
Gaya	...	...	...	12 186			12,186	...	560	11,550	301	...	...	...		1,014	...	[illegible]
Shahabad	4	...	4	26,982	24,334	2,735	54,055	.	420	31,914	934	.	...	...		2,559	32	...
Muzaffarpur ...	...	...	..	4 168		2,061	6,229	..	280	36 827	3 417	..	2	..	...	...	134	...
Darbhanga ..	...	...	...	9,789	1,333	153	11,?25	...	245	72,534	11,050	.	..	...	...	347	639	...
Saran	200	...	200	4 21.	7,541	184	12,137	...	245	5,498	2 655		.	...	...	..	70	...
Champaran ...	...	...	...	3,1?7		2,079	5,?06	..	105	27,3?7	1,924		.	...	...	.	...	...
Monghyr	..	...	.	38 866	?3 996	516	73,4 8	1,898	350	26 ?06	6,025	.	68	...	...	..	141	...
Bhagalpur ..	5	...	5	29,944	13,094	6,801	50,?84	1,061	505	30 247	10,70?	..	..		...	47	...	...
Purnea	936	...	936	1,745	7,119	476	10,275	24,?66	12,411	10,?35	12,3?8	..	.	..	25	..	1,563	...
Malda	...	...	...	6,791	6,562	231	1?,584	27,781		1,185	212	..	..	...	...	..	...	...
Southal Parganas	6	...	6	8,234	8,391	1,3?7	18,048	11,790	745	11,748	4,081		...	136	...	305	2	...
Total of Behar ...	1,172	..	1,172	1,77,215	1,44,306	36,381	3,59,164	70,816	17,761	3,73,977	59,?94	...	70	136	2,015	5,108	5,552	[illegible]
ORISSA.																		
Balasore	70,936	12,342	78,650	...	11,637	...	90,287	155	600	633	118	...	...	...	...	...	11	...
CHOTA NAGPORE.																		
Hazaribagh ...	..	...	...	...	321	..	321	...	140	..	309	407	..	...	...	...	...	...
Manbhum ...		..		...	..		..	...	350			619	.	...	...	...	...	...
Total of Chota Nagpore.	..		..	...	321	..	321	..	490	.	3?9	1,131	..	.	...	...	...	...
Grand Total of supplies from the Provinces under the Lieutenant-Governor of Bengal.	12,74,513	1,29,973	13,55,151	2,07,041	2,85,546	42,879	13,91,517	32,18,887	2 653,609	4,36,060	1,14,228	58,011	3,72?	2,253	6,082	43,278	42,004	[illegible]
OTHER PROVINCES																		
Assam ...	6,600	...	6,600	...	1,539	...	8,139	2,053	365	...	83,1?8	1,55,328	59	172	...		..	...
North-Western Provinces and Oudh.	...	...	..	2,05,652	60,906	.	2,66,558	775	245	1,98,585	2,139	1,550	19,828	..	1,191	3,377	5,527	[illegible]
Punjab	4	...	4	13,008	2 261	2,338	16,6 1	...	630	..	...	1,223	259	...	2	..	32	...
Central Provinces	1,383	...	1,383		10,419		11,802	..	..	15, 71	..	.	745	..	..	.	...	...
Rajputana and Central India.	...	...	...	660	165	1	826	...	...	18,841	.	...	...	..	...	.	...	...
Bombay	...	...	.	..		...	..	...	...	3		...	26,037	10	...	...	...	...
Madras	10	...	10	.	5,917	...	5,917	...	...	..	457	..	7,551	...	4,625	.	170	...
Pondichery ...	...	..	...	.	651	..	651	...	400	..	..		.	.	.	.		...
Burmah	...	..	..	...	...	...	...	...	807	...	.	..	1,8?7	.	.	.	449	...
Other places ...	112		112	.	..	31	143	...	5,050	.	..	..	.	14	40,561	10,815	...	...
Grand Total of Imports in October 1891	12,82,652	1,28,973	13,63,26?	4,28,201	3,07,394	45,249	23,02,164	34,21,715	2,662,019	6,68,769	1,90,032	2,10,111	60,105	2,441	61,461	60,462	48,183	[illegible]
Grand Total of Imports in October 1890	889,171	1,12,138	9,59,237	2,21,600	2,56,618	36,967	14,74,532	32,04 282	1,789,150	3,90,503	1,06,776	1,79,455	40,761	906	62,188	73,065	40,705	[illegible]

* One maund of paddy is equivalent to 25 seers of rice. | † Exclusive of bags obtained by local manufacture.

The Sea-borne Trade of Calcutta in these Staples during the month of October, 1891, *was as follows :—*

EXPORTED FROM CALCUTTA—	Rice.	Paddy.	Total (in rice).	Wheat.	Gram and pulses.	Other food-grains.	Total.	Jute, raw.	Gunny-bags.	Linseed.	Mustard seed.	Tea, Indian.	Cotton, raw.	Silk, raw.	Sugar, Refined.	Sugar, Unrefined.	Tobacco, Unmanufactured.
To Indian ports, viz.—																	
Bombay ..	68,170	30	66,198	...	2 432	...	68,639	...	2,651,825	670	18,917	6,414	870	...	790	...	.
Madras	51,103	363	51,83?	671	27,?80	4?9	80,416	.	80,75?	..	...	...	...	211	60	...	..
Other ports in Madras ..	1,64,116	1,294	1,64,881	50	2,792	15	1,67,728	...	435,530	...	200	6	...	10	16	...	...
Burmah	10,063	...	10,063	9,401	11,911	2,8?0	34,065	...	...	...	.	107	...	14	931	120	18,657
Other Indian ports	...	...	...	207	1,594	...	1,801	.	278,766	...	.	3	..	2	2,081	208	1,780
Pondicherry ...	...	...	..	110	391	.	501	...	5,951	..		...	..	..	...	...	..
Sind	...	...	...	...	..		...	...	130,700	...		...	.	.	..	...	...
Total of Inter-portal trade ...	2,91,461	1,617	2,92,473	10,437	47,096	3,134	3,53,141	..	3,583,541	679	19,117	6,531	870	237	3,868	418	20,437
To Foreign ports— United Kingdom	1,38,111	...	1,33,111	3,20,064	24,451	...	4,88,026	13,91,867	1,312,200	3,60,090	1,739	2,05,639	12	78	..	...	...
Other Foreign ports	6,73,510	13,116	6,81,707	73,598	30,737	5,315	7,91,337	5,35,579	7,398,030	4,38,798	42,0 3	9,245	5,206	1,395	19	...	377
Total of Foreign trade	8,11,621	13,116	8,19,818	3,99,662	55,188	5,315	12,80,013	19,27,446	8,710,230	7,98,888	43,772	2,14,884	5,307	1,473	18	...	377
Grand Total of Exports in Oct. 1891	11,03,082	14,733	11,12,290	4,10,101	1,02,284	8,479	16,33,154	19,27,416	12,293,7?1	7,99,567	62,889	2,21,414	6,177	1,710	3,886	418	20,714
Grand Total of Exports in Oct. 1890	7,61,385	2,171	7,02,748	78,676	70,284	7,184	8,58,838	17,10,191	10,104,855	3,81,497	20,05?	1,95,765	10,347	1,511	3,787	1,346	11,585

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of October, 1891.

IMPORTS INTO CALCUTTA.

Specification of Routes.	Food-grains.					Fibrous Products.		Oilseeds.		Tea, Indian.	Cotton, raw.	Silk, raw.	Sugar.		Tobacco.	
	Rice.	Paddy.	Wheat.	Gram and pulses.	Other food-grains.	Jute, raw.	Gunny bags.	Linseed.	Mustard seed.				Refined.	Unrefined.	Unmanufactured.	Manufactured.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
By country boats ...	8,39,844	91,625	67,563	1,47,377	12,774	7,88,853	753,829	1,04,496	82,543	......	1,054	294	2,407	29,535	8,052	2,666
,, river steamers ...	51,444	279	1,014	3,608	... ..	7,07,993	... ..	9,417	67,871	1,33,486	224	860	388	80	184	......
,, rail { E. I. Railway	2,34,341	29,837	3,57,343	1,67,068	31,655	66,547	20,335	5,44,069	27,583	3,908	20,834	370	2,195	8,488	8,159	784
,, rail { E. B. S. Railway.	41,568	......	339	31,140	789	14,19,668	1,855,805	10,151	21,360	76,913	572	901	1,602	5,865	27,897	......
,, road	46,747	3,140	......	6	......	2,38,495	24,300	......	......	......	136	......	488	2,682	3,231	620
,, sea	68,053	4,142	......	18,195	31	155	7,750	636	575	1,804	37,286	24	54,196	19,818	680	746
Grand Total of Imports in October ... 1891 ...	12,82,652	1,28,973	4,26,261	3,67,394	45,249	32,21,715	2,663,019	6,68,769	1,99,932	2,16,111	60,105	2,449	61,461	66,468	48,183	4,695
Grand Total of Imports in October ... 1890 ...	8,89,171	1,12,138	2,21,690	2,56,618	36,967	32,94,282	1,789,180	3,90,503	1,06,776	1,79,455	40,761	996	62,188	72,065	40,705	2,784

The following Statement shows the Values, Quantities, and Numbers of the Principal Staples of Traffic exported Inland from Calcutta during the month of October, 1891.

EXPORTS FROM CALCUTTA.

Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny bags.
	European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
BENGAL.						
Burdwan ...	3,28,250	2,052	390	1,258	29,395	83,332
Birbhum ...	1,61,910	......	86	762	17,743	77,525
Midnapore ...	2,77,080	......	4,225	......	10 318	19,283
Hooghly ...	1,28,720	4,336	434	160	2,677	58,882
24-Pargannas ...	1,75,793	4,760	430	......	13,770	78,030
Nadia ...	4,13,685	......	2,208	......	24,423	34,551
Khulna ...	98,030	......	83	......	3,097	175
Jessore ...	1,92,770	....	985	......	27,316	2,910
Murshidabad ...	1,28,390	984	124	17	10,563	18,105
Dinajpur ...	2,64,550	......	177	......	10,383	3,300
Rajshahi ...	2,55,570	......	482	......	14,468	8,250
Rangpur ..	8,54,140	......	686	......	18,973	2,830
Bogra ...	3,04,070	... ..	128	......	4,405	20,650
Pabna ...	3,50,840	......	91	28	33,004	23,640
Darjeeling ...	1,68,840	......	839	......	4,414	315
Jalpaiguri ...	2,76,360	......	231	......	9,225	210
Dacca ...	11,01,310	......	2,781	......	51,475	2,763
Faridpur ...	1,67,870	......	815	......	32,983	24,465
Backergunge ...	2,45,900	......	1, 52	......	49,200	4,795
Mymensingh ...	2,00,340	......	133	......	18,125	385
Tippera ...	... ..	......	......	......	5,475	... ..
Chittagong ...	1,16,464	......	24	17	... ..	45,150
Noakhali ...	......	......	......	......	9,800	......
Total of Bengal ...	62,70,882	13,032	17,153	2,242	4,11,260	507,640
BEHAR.						
Patna ...	7,93,900	738	470	740	29,588	149,000
Gaya ...	2,94,770	1,353	8	2,021	18,047	36,485
Shahabad ...	5,32,630	6,150	68	1,526	21,953	24,150
Muzaffarpur ...	5,70,920	984	.... .	48	17,136	32,445
Darbhanga ...	7,74,195	1,968	41	862	37,318	44,100
Saran ...	4,08,930	123	9	91	25,254	8,995
Champaran ...	8,19,420	12,669	26	103	21,152	30,870
Monghyr ...	2,33,170	3,813	21	854	14,417	58,735
Bhagalpur ...	4,64,170	9,594	80	482	29,305	43,975
Purnea ...	2,20,780	.. ..	217	739	18,697	6,500
Malda ...	......	... ..	......	... .	5,355	550
Sonthal Parganas ...	2,34,500	2,214	165	970	20,447	42,065
Total of Behar ...	54,09,880	39,606	1,099	8,436	2,58,759	476,820
ORISSA.						
Cuttack ...	9,000	......	214	588	......	64,900
Balasore ...	60,425	......	1,341	5,471	21,781	168,716
Total of Orissa ...	69,425	......	1,555	6,059	21,781	233,616

Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny bags.
	European.	Indian.	European.	Indian.		
CHOTA NAGPORE.	Rs.	Rs.	Mds.	Mds.	Mds.	No.
Hazaribagh	67,270	4,305	......	216	9,011	5,670
Singhbhum	57,400	.....	8	832	3,909	560
Manbhum	2,13,640	1,353	88	2,000	20,552	3,850
Total of Chota Nagpore ...	3,38,310	5,658	96	3,108	33,472	11,080
Grand total of supplies into the Provinces under the Lieutenant-Governor of Bengal ...	1,20,88,497	58,296	19,903	19,905	7,25,272	1,228,156
OTHER PROVINCES.						
Assam	10,13,180	......	2,423	......	52,580	17,850
North-Western Provinces and Oudh	54 20,450	5,289	2,984	81	31,867	533,275
Punjab	14,33,950	18,327	448	......	......	467,065
Central Provinces	1,74,100	2,214	193	792	......	163,450
Rajputana and Central India	1,53 800	123	455	......	......	24,500
Berar	2,030	......	2	......	......	1,470
Bombay	9,446	......	......	.. ...	......	2,651,895
Madras	34,120	......	44	2,309	......	516,300
Pondicherry	......	......	......	......	......	5,950
Burmah	1,11,928	1,220	510	2,265	4	......
Sind	782	......	......	......	......	130,079
Other places	31,948	1,180	......	3,944	27	8,710,230
Grand Total of Exports in October ... 1891 ...	2,04,74,351	86 649	26,964	30,031	8,09,750	14,451,261
Grand Total of Exports in October ... 1890 ...	1,93,13,367	98,998	24,725	34,103	8,06,448	11,376,966

The Sea-borne Trade of Calcutta in these Staples during the month of October, 1891, *was as follows:—*

IMPORTED INTO CALCUTTA—	Rs.*	Rs.	Mds.	Mds.	Mds.	No.
From Foreign Ports—						
United Kingdom	1,05,58,739	......	8,214	......	5,25,216	......
Other Foreign ports ...	5,584	......	1,063	......	2,58,399	5,950
Total of Foreign Trade ...	1,05,64,323	......	9,277	......	7,83,615	5,950
From Indian Ports—						
Bombay	1,34,141	3,05,352	61	14,530	38,475	......
Madras	......	10,781	......	768	... ..	......
Other ports in Madras ...	......	......	......	623	2,400	......
Burmah	24,695	2,480	5	10	......	800
Other Indian ports ...	500	125	......	......	......	600
Pondicherry	......	... ..	......	......	......	400
Sind	569	......	......	......	......	......
Total of Interportal Trade ...	1,59,905	3,18,738	66	15,931	40,875	1,800
Grand Total of Imports in October ... 1891 ..	1,07,24,228	3,18,738	9,343	15,931	8,24,490	7,750
Grand Total of Imports in October ... 1890...	1,16,67,068	4,31,350	9,214	9,431	8,47,937	30,325

* As per tariff declaration value.

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Calcutta during the month of October, 1891.

Specification of Routes.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny bags.
	European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
By country boats ...	1,60,423	4,700	1,943	......	2,76,764	1,66,458
,, river steamers ...	8,44,730	... ..	5,414	28	47,849	75,938
,, rail { East Indian Railway ...	1,34.26,280	75,153	5,594	15,302	3,41,718	1,829,940
,, rail { Eastern Bengal State Railway ...	54.18,910	......	11,420	......	1,18,260	81,690
,, road ...	2,10,875	4,396	484	107	4,847	3,480
,, sea ...	3,73,133	2,400	2,109	14,594	20,312	12,303,771
Grand Total of Exports in October ... 1891 ...	2,04,74,351	86,649	26,964	30,031	8,09,750	14,451,261
Grand Total of Exports in October ... 1890 ...	1,93,13,367	98,998	24,725	34,103	8,06,448	11,376,966

STATISTICAL DEPARTMENT,
The 1st March, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (*RETAIL*) OF FOOD-GRAINS, FIREWOOD AND SALT IN THE HEAD-QUARTERS STATION BAZARS OF THE DISTRICTS OF BENGAL DURING THE FORTNIGHT ENDING THE 29TH FEBRUARY, 1892.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the

QUANTITIES PER RUPEE IN

Division	Number	DISTRICTS	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Jowar or Cholum. (Sorghum Vulgare.) Present return.	Jowar or Cholum. Next preceding return.	Jowar or Cholum. Corresponding return of last year.
BENGAL.			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Burdwan Division.	1	Burdwan ...	11 8	11 8	11 8	...	...	...	11 10	11 10	15 0	13 14	13 14	17 13	...	...	...
	2	Bankura ...	11 4	11 8	13 0	16 0	16 0	16 0	12 8	12 8	18 0	15 10	16 0	20 0	...	...	...
	3	Birbhum ...	12 8	12 8	16 0	...	...	...	13 0	13 0	13 8	15 0	15 0	18 0	...	...	...
	4	Midnapore ...	11 0	11 0	10 8	...	...	...	11 0	12 0	12 8	14 0	14 0	15 0	...	...	...
	5	Hooghly ...	13 0	13 0	13 0	...	...	...	8 0	8 0	8 0	13 0	13 0	14 0	...	...	...
	6	Howrah ...	...	...	...	...	...	...	10 0	10 0	11 0	12 8	13 0	15 4	...	...	...
Presidency Division.		Calcutta ...	11 8	11 13	11 6	17 3	17 8	8 0	18 1	8 3	9 13	11 9	11 14	14 10	15 14	15 5	16 9
	7	24-Parganas ...	10 8	10 0	10 0	16 0	18 0	16 0	8 0	8 0	8 0	13 0	13 8	16 0	...	...	...
	8	Nadia* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	9	Khulna ...	...	...	...	...	...	...	13 5	12 3	14 0	16 0	14 8	16 0	...	...	...
	10	Jessore ...	10 0	10 0	12 0	...	...	...	12 0	13 0	13 0	14 8	15 0	16 0	...	...	...
	11	Murshidabad ...	12 0	12 0	10 0	...	...	...	10 0	10 0	12 0	13 8	14 0	16 0	...	...	...
Chittagong Division.	12	Chittagong* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	13	Noakhali* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	14	Tippera* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	15	Chittagong Hill Tracts.*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca Division.	16	Dacca* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	17	Faridpur* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	18	Backergunge* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	19	Mymensingh* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi Division.	20	Dinajpur ...	11 2	10 8	12 0	18 0	17 8	13 8	9 9	9 9	15 8	12 0	13 3	18 0	...	...	...
	21	Rajshahi* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	22	Rangpur ...	9 0	9 0	13 0	...	...	...	9 0	9 0	9 6	10 10	10 10	14 8	...	...	...

* Return not received.

A In subdivisions retail prices of salt per rupee are :—Kalna 10 seers, Katwa 12 seers, and Raniganj 10 seers.
B At Vishunpur retail price of salt, 10 seers per rupee.
C At Rampur Hât retail price of salt, 10½ seers per rupee.
C1 In subdivisions retail prices of salt per rupee are :—Contai 10 seers, Tamluk 10½ seers, and Ghatal 11 seers.
D In subdivisions retail prices of salt per rupee are :—Serampore (at Bhudressur) [illegible] seers and Jahanabad 11 seers 7 chitaks.
E At Ulubaria retail price of salt, 10½ seers per rupee.

SEERS OF 80 TOLAHS.

Bajra or Cumbu. (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.	Marua or Ragi. (*Eleusine Corocana.*) Present return.	Next preceding return.	Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	...	...	...
...	..	...	...	...	..
...	...	...	...	...	...
...	..	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
13 14	15 2	11 4	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...

...e Districts of Bengal on the 29th February, 1892.

...WOOD. return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Next preceding return.	Corresponding return of last year.	Districts.	Number.	
Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. a. p.	Rs. a. p.	Rs. a. p.			
								BENGAL.		
0	100 0	11 4 [A]	11 4	10 11	3 6 8	3 6 8	3 8 3	Burdwan.	1	Burdwan Division.
0	280 0	11 2 [B]	11 2	10 8	3 9 6	3 9 6	3 10 0	Bankura.	2	
0 0	160 0	10 8 [C]	10 8	10 8	3 10 0	3 10 0	3 10 0	Birbhum.	3	
0 0	120 0	11 8 [C1]	11 8	10 8	3 8 0	3 8 0	3 13 0	Midnapore.	4	
0 0	120 0	10 0 [D]	10 0	10 0	3 12 0	3 12 0	3 9 0	Hooghly.	5	
0 0	100 0	10 8 [E]	10 8	1[illegible] 8	3 6 0	3 6 0	3 8 6	Howrah.	6	
5 0	95 0	11 6	11 6	10 12	3 4 0	3 4 0	3 7 0	Calcutta.		Presidency Division.
10 0	100 0	11 0 [F]	11 0	10 12	3 4 0	3 4 0	3 6 0	24-Parganas.	7	
...	...	.	...	...	...	...	...	Nadia.	8	
30 0	160 0	10 0 [G]	10 0	9 0	3 12 0	3 12 0	4 0 0	Khulna.	9	
50 0	160 0	9 2 [H]	9 2	9 2	3 10 0	3 10 0	3 14 [illegible]	Jessore.	10	
00 0	200 0	10 8 [I]	10 8	11 0	3 12 0	3 12 0	3 10 [illegible]	Murshidabad.	11	
...	...	...	...	...	...	...	...	Chittagong.	12	Chittagong Division.
...	..	...	..	...	...	...	...	Noakhali.	13	
...	...	...	...	...	...	...	...	Tippera.	14	
...	...	...	...	...	...	..	..	Chittagong Hill Tracts.	15	
..	...	...	...	..	...	...	...	Dacca.	16	Dacca Division.
...	..	...	...	...	...	...	...	Faridpur.	17	
..	...	...	...	...	...	...	...	Backergunge.	18	
...		...	...	...	...	...	..	Mymensingh.	19	
160 0	160 0	10 4 [J]	10 4	10 0	3 14 0	3 14 0	4 0 0	Dinajpur.	20	Rajshahi Division.
...	...	...	...	...	...	...	...	Rajshahi.	21	
100 0	100 [illegible]	9 0 [K]	9 0	9 6	5 0 0	5 0 0	4 4 0	Rangpur.	22	

...per rupee are:—Baraset 10 seers 10 chitaks, Basirhat (Baduria) 10½ seers, Diamond ...aks, and Dum-Dum 10 seers.
...pee are:—Satkhira 10½ seers and Bágirhat 8 seers.
...pee are:—Jhenidah 10 seers, Magura 10 seers, Narail 9 seers 10 chitaks, and Bongaon 10½ seers
...pee are:—Lalbagh 11 seers, Jangipur 10 seers, and Kandi 11 seers.
...s per rupee.
...pee are:—Kurigram 8 seers, Gaibanda 10 seers, and Nilphamari 10 seers.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the Head-quarters

Division	Number.	DISTRICTS	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Jowar or Cholum (*Sorghum Vulgare*). Present return.	Jowar or Cholum. Next preceding return.	Jowar or Cholum. Corresponding return of last year.
			QUANTITIES PER RUPEE IN														
BENGAL—*continued.*			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Rajshahi Division—*concld.*	23	Bogra ...	8 4	8 10	15 0	...	...	...	9 12	10 2	12 0	13 8	13 2	16 8	...	...	...
	24	Pabna	11 4	12 0	18 0				7 8	7 2	7 6	13 0	13 8	17 0		..	...
	25	Darjeeling*	...	...	...	...	...	...	..	..	...	...	...	...	..	...	...
	26	Jalpaiguri	10 0	10 0	12 0	14 0	14 0	16 0	7 0	7 0	9 0	11 0	11 8	17 0	.	..	...
BEHAR.																	
Bhagalpur Division.	27	Monghyr* ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	28	Bhágalpur* ...	...	...	...	..	...	...	...	.	...	...	...	...	...	...	...
	29	Purnea* ...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
	30	Malda* ...	...	...	...	..	..		...	...	...	...	...	...	...	...	...
	31	Sonthal Pargns*	...	...	...		.		..	...	...	...	...	...	...	..	...
Patna Division.	32	Patna ...	Red. 14 0 / White. 13 0	13 8 / 12 8	14 4 / 13 0	25 0	24 0	20 0	10 8	10 8	11 0	14 0	14 0	20 0	22 0	20	19 0
	33	Gaya* ...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
	34	Shahabad* ...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
	35	Darbhanga* ..	...	...	...	...	...	...		...	...	...	...	...	...	...	..
	36	Muzaffarpur	12 0	12 0	12 0	22 0	22 8	25 0	11 0	11 0	10 0	12 0	12 0	15 0	...	...	...
	37	Saran* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	38	Champaran* ..	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
ORISSA.																	
Orissa Division.	39	Cuttack* ...	...	...	...	...	..	...	...	...	...	..	...	...	...	...	...
	40	Puri* .	.	...	...	..	...	..	...	...	...	...	...	...	...	...	...
	41	Balasore* ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CHOTA NAGPORE.																	
Chota Nagpore Division.	42	Hazáribágh* .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	43	Lohardaga*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	44	Palámau ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	45	Singhbhum* .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	46	Manbhum	11 8	11 0	10 8	...	...		13 0	13 8	13 0	17 8	17 8	22 0	...	...	...

* Return not received.

L At Sirajganj retail price of salt, 11½ seers per rupee.
M At Falakata in Alipur subdivision retail price of salt, 8½ seers per rupee.

CALCUTTA,
The 1st March, 1892.

SEERS OF 80 TOLAHS.

Bajra or Cumbu. (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.	Marua or Ragi. (*Eleusine Corocana.*) Present return.	Next preceding return.	Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	..	...	...	...
...	...	...	...	...	...
...	...	.	...	...	...
...	...	..	...	...	...
...	...	...	20 0	24 0	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	20 0
...	...	...	...	.	.
...	...	...	...	...	...
...	...	...	...	...	...
..	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	..	..
...	...	...	...	...	..
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	..

of Bengal on the 29th February, 1892—(concluded).

Firewood. Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Next preceding return.	Corresponding return of last year.	Districts.	Number.
									BENGAL—*continued.*	
. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
90 0	90 0	90 0	9 12	9 12	9 0	3 13 4	3 13 0	4 0 0	Bogra.	23 (Rajshahi Division—concld.)
00 0	200 0	200 0	L 9 12	9 12	8 15	3 12 0	3 12 0	3 14 0	Pabna.	24
...	...	...	...	...	..	...	...	...	Darjeeling.	25
00 0	200 0	200 0	M 10 0	10 0	9 0	4 0 0	4 0 0	4 0 0	Jalpaiguri	26
									BEHAR.	
...	...	...	...	...	...	...	...	...	Monghyr.	27 (Bhágalpur Division.)
...	..	...	...	...	...	...	...	...	Bhágalpur.	28
...	...	...	...	...	...	...	...	...	Purnea.	29
..	...	...	...	...	...	...	...	...	Malda.	30
...	...	...	...	...	...	...	...	...	Sonthal Pargns.	31
20 0	120 0	120 0	N 11 8	11 8	10 0	3 8 0	3 8 0	3 10 0	Patna.	32 (Patna Division.)
...	...	...	...	..	...	...	...	...	Gaya.	33
...	...	...	...	...	...	...	...	...	Shahabad.	34
...	..	...	...	...	...	...	...	...	Darbhanga.	35
160 0	160 0	160 0	11 0	11 0	11 0	3 10 0	3 10 0	3 10 0	Muzaffarpur.	36
...	...	...	...	...	...	...	...	...	Saran.	37
...	...	...	...	...	...	...	...	...	Champaran.	38
									ORISSA.	
...	...	...	...	...	...	...	...	...	Cuttack.	39 (Orissa Division.)
...	...	...	...	...	...	...	...	..	Puri	40
...	...	...	...	...	...	...	...	...	Balasore.	41
									CHOTA NAGPORE.	
...	...	...	...	...	...	...	...	...	Hazáribágh.	42 (Chota Nagpore Division.)
..	...	...	...	...	...	...	...	...	Lohardaga.	43
...	..	...	...	...	..	...	...	...	Palámau.	44
...	...	..	..	...	...	...	...	..	Singhbhum.	45
200 0	200 0	200 0	O 10 10	10 10	9 14	3 12 0	3 12 0	3 14 0	Manbhum.	46

per rupee are :—Barh 11¼ seers, Bihár 9¾ seers, and Dinapur 10 seers.
0½ seers per rupee.

ublished for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (*wholesale*)

Number.	MARTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, Present return.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 5 4	3 4 11	3 3 11	2 0 10	2 1 2	1 15 8	4 8 3
2	Sirajganj ...	3 8 0	3 8 0	2 6 0	...	.	...	5 1 0
3	Dacca* ...	...	...	..	...	..	...	...
4	Narayanganj*	...	...	...	...	.	...	...
5	Chittagong*	...	...	...	...	...	...	...
6	Patna ..	2 13 8 3 1 3	Red. 2 15 3 White. 3 3 3	2 10 5 3 1 3	1 9 6	1 10 0	1 15 6	3 12 9
7	Balasore* ...	...	...	...	—	...	...	...
8	Puri* ...	...	...	...	...	..	-	...
9	Cuttack* ...	...	...	...	...	...	...	...

* Return not received.

CALCUTTA,
The 1st March, 1892.

OF 40 SEERS.

Marua or Ragi (*Eleusine Coracana*.) Present return.	Marua or Ragi Next preceding return.	Marua or Ragi Corresponding return of last year.	Kangni or Kakun, Italian Millet. (*Setaria italica*.) Present return.	Kangni or Kakun Next preceding return.	Kangni or Kakun Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
...	...	...	2 12 0	2 10 8	3 12
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
2 0 0	1 10 0	...	2 0 0	2 0 0	2 7 0
...	...	...	...	...	...
.	.	...	...	...	...
..	...	...	...	...	...

in the undermentioned Marts of Bengal on the 29th February, 1892.

Gram, Chana, Chhola, Kadalay or Sunaga. (*Cicer Arietinum.*)			Indian-corn or Maize. (*Zea Mays.*)			Arhar or Thur Cadjan Pea. (*Cajanus indicus.*)			Firewood.			Salt.			Marts
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
2 5 6	2 6 3	2 3 8	2 5 0	2 2 10	1 12 4	2 6 0	2 6 5	2 9 6	0 5 9	0 5 9	0 5 6	3 4 0	3 4 0	3 7 0	Calcutta.
2 14 0	2 15 0	2 6 0	...	...	...	...	...	...	0 6 6	0 6 6	0 6 6	3 5 0	3 5 0	3 11 0	Sirajganj.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Dacca.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Narayanganj.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chittagong.
1 14 5	1 14 5	2 3 0	1 13 0	1 14 5	1 15 6	1 14 5	2 0 0	...	0 5 4	0 5 4	0 5 4	3 8 0	3 8 0	3 10 0	Patna.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Balasore.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Puri.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Cuttack.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	Station Observations. — Air Pressure. — Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Wind. — Prevailing direction.	Mean wind velocity.	Temperature. — Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Puri	Puri	29·861	29 810	—	SW	300	89·7	25th Feb.	67·6	25th Feb.	84·9	72·1	74·5	—	76·4
		Gopalpore	29·859	29·820	—·094	Wly	381	90 2	25th ,,	66 9	25th ,,	85·8	69·3	77·6	+1·0	73·4
		False Point	29·877	29 810	—·117	SWly	284	86·4	23rd ,,	62·0	25th ,,	84·1*	69·1	76·1*	+0·2	74·9
	Cuttack	Cuttack	29 810	29·834	—·112	Calm	71	96·4	24th ,,	62·8	21st ,,	93·9	66·7	80 3	+0·3	72·4
	Balasore	Balasore	29·825	29 820	—·129	Variable	137	93 4	21st ,,	59 6	25th ,,	89·1	65·0	77 1	+3·2	72·6
South-West Bengal.	South-West Midnapore, South 24-Parganas	Saugor Island	29·857	29 827	—·123	Wly	312	86·2	25th ,,	62 9	25th ,,	83·8	71·5	77·7	+1·5	74·9
	Midnapore	Midnapore	29 741	29·839	—·126	N	287	95·3	21st ,,	60·2	25th ,,	91 4	65 5	78·5	+4·5	73 6
	24-Parganas, Howrah, Hooghly	Calcutta	29·865	29 832	—·124	W	96	89·6	21st ,,	57·7	26th ,,	86·7	64·8	75·8	+1 8	70 9
	Burdwan	Burdwan	29·785	29 834	—·125	NWly	58	92·4	22nd ,,	54·3	26th ,,	88·9	63·3	76·1	+2·2	70·7
	Bankura	Bankura	29 502	29 809	—·129	Wly	84	91·1	21 & 22 ,,	55 1	27th ,,	88 9	62·1	75 5	+2·7	68 8
	Birbhum, West Burdwan	Raniganj*	29·527	29 834	—·147	?	?	89·5	24th ,,	56·1	26th ,,	88·1	61·8	75·0	+2·7	66·2
	Murshidabad	Berhampore	29·795	29·813	—·146	SWly	87	89·6	22nd ,,	53·7	26th ,,	86 8	60·2	73·5	+1·5	65·7
	Nadia	Krishnagar	29 823	29 821	—·115	WNW	115	91·4	22nd ,,	51·3	25th ,,	88·0	58·7	73·4	+2·6	69·7
	Jessore, Khulna	Jessore	29·844	29 825	—·127	Calm	73	90·7	22nd ,,	53·5	26th ,,	87·5	62·1	74·8	+1·4	69·0
East Bengal.	Chittagong	Chittagong	29·815	29 851	—·114	NEly	106*	80·2	21 & 27 ,,	56·1	26th ,,	84·2	63·5	73·9	+2·0	69·2
	Chittagong Hill Tracts	Demagiri						Observations not received.								
	Backergunge	Barisal	29 876	29 833	—·105	Wly	71	87·8	22nd Feb.	55·1	26th ,,	84·8*	63·7*	74·2*	+2·5*	70·4*
	Noakhali	Noakhali	29·850	29 841	—·119	Variable	73	84·5	22nd ,,	51·5	26th ,,	83·5	64·0	23·7	+3·7	71·8
	Faridpur	Faridpur	29·859	29 838	—·116	Calm	50	86·5	21–23 ,,	52·0	25th ,,	85·1	59 2	72·2	+2·2	67·0
	Dacca	Dacca	29 848	29·818	—·134	SWly	96	88 1	22nd ,,	56·3	26th ,,	85·2	62·5	73·9	+0·7	67·1
	Tippera	Comilla	29·851	29 83	—·112	S	67	87·4	22nd ,,	52·1	26th ,,	84·7	62·0	73·3	+2·0	67·4
	Mymensingh	Mymensingh	29·804	29·817	—·146	ENE	88	84·6	22nd ,,	52·1	25th ,,	82·5	57·1	69·8	+2·0	62·9
North Bengal.	Bogra	Bogra	29·768	29·784	—·139	Variable	130	88·3	22 & 24 ,,	51·2	26th ,,	86·4	55·9	71·2	+2·7	63·6
	Pabna	Sirajganj	29·805	29·802	—·143	WSW	62	88 3	22nd ,,	46 9	26th ,,	85·2	54·2	69 7	+1·6	65·2
	Rajshahi	Rampur Boalia.	29 785	29·807	—·124	SWly	103	86·8	22 & 23 ,,	53 7	20th ,,	84·4	60·2	72·3	+4·4	66 2
	Malda	Malda	29·767	29 801	—	SW	103	88·8	23 & 24 ,,	47·4	20th ,,	87·1	56·8	72·0	—	70·3
	Dinajpur	Dinajpur	29·690	29·775	—·183	SWly	168	88·1	24th ,,	46·5	26th ,,	85·7	55·3	70·5	+3·3	63·5
	Rangpur	Rangpur	29·709†	29·791†	—·164†	SWly	?	87 0†	24th ,,	46 6†	26th ,,	82·2†	53·0†	67·6†	+0·7	62·1†
	Jalpaiguri, Kuch Bihar	Jalpaiguri	29 521	29·772	—·189	Nly	90	88 4	24th ,,	40·6	25th ,,	81 5	50·7	66 1	—0·1	58·7
	Darjeeling Hill Tracts	Darjeeling	22 796	—	—·165	Variable	315	52 3	23rd ,,	33·2	26th ,,	48·4	35·5	42 0	—0·7	41·8
North Behar.	Purnea, North Bhagalpur	Purnea	29·705	29 789	—·159	Calm & Wly.	132	87·2	24th ,,	42·8	26th ,,	85·5	51·7	68 6	+0·6	62·9
	Muzaffarpur	Muzaffarpur	29·643	29 763	—	WSW	202	85·2	23rd ,,	48 3	26th ,,	83·5	53·7	68·6	—	60·6
	Darbhanga	Darbhanga	29 681	29 808	—·118	WSW	170	84 1	23rd ,,	51 4	26th ,,	82·2	54 8	68·5	+1·0	62·1
	Champaran	Motihari	29·592	29·784	—·151	W	282	85 2	23rd ,,	44·9	26th ,,	83·5	48·6	66·1	+0·3	59·1
	Saran	Chapra	29 684	29 806	—·133	SWly	155	86 3	23rd ,,	51·6	25th ,,	84·4	55·4	70·0	+2·5	62·3
South Behar.	Shahabad	Dehri	29·531	29·847	—·109	SWly	205	87·8	21st ,,	55·0	26th ,,	84·9	59·7	72·4	+3·2	69·0
		Buxar	29·626	29 830	—·136	Wly	157	86·4	21st ,,	52·9	25th ,,	83·3	56·5	69·9	+1·7	64·3
		Arrah	29 663	29·813	—·122	W	143	87 0	23rd ,,	46·0	25th ,,	84 6	51·5	68·1	+0·1	62·5
	Gaya	Gaya	29·504	29 845	—·110	W	136	88·2	21st ,,	57·3	26th ,,	85·5	60·6	73·1	+1·2	67·7
	Patna	Bankipore	29·670	29·812	—·152	W	133	83·8	23rd ,,	51·7	25th ,,	81·6	56 2	69·9	+0·2	67·4
	South Bhagalpur, Monghyr	Bhagalpur	29 685	29 802	—·135	Calm & SWly.	76	88 2	21 & 27 ,,	59·0	26th ,,	86·1	59·6	72·8	+5·1	68·0
	Sonthal Parganas	Dumka	29·355	29·822	—·1	Calm	51	87 6	22nd ,,	54·6	26th ,,	85·1	60·2	72·6	+2·7	65·0
Chota Nagpore.	Hazaribagh	Hazaribagh	27·841	29·843	—·118	NWly	248	83 2	24th ,,	51·2	25th ,,	81·4	50·8	66·1	+0·1	63·9
	Lohardaga, Manbhum	Ranchi	27·719	29·837	—·108	NW	171	83·5	21st ,,	52·0	25th ,,	80·9	57·7	69·3	+0·1	64·4
	Singbhum	Chaibassa	29·106	29·830	—·112	Variable	83	91·2	21st ,,	57·2	24th ,,	88 3	62·3	75·4	+2·1	71·2

* Mean for 6 days. | † Means for 5 days.

Explanation.—*Summary.*—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last

The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the ... stations in the District sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 27th of February 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	OF WEEK. Mean for district.	OF WEEK. Normal mean.	DISTRICT OBSERVATIONS. RAINFALL. Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 16th October 1891. Mean for district.	Since 16th October 1891. Normal mean.	Since 16th October 1891. Variation.	OF WEEK. Average number of rainy days.	OF WEEK. Normal number of rainy days.	Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.
79	1·7	Nil	Nil	0·12	0·32	0·92	—0·60	8·56	7·47	+1·09	0·00	0·19	Puri ...	Puri	ORISSA.
73	0·4	Nil											Gopalpore ...		
83	3·1	Nil											False Point ...		
73	1·3	Nil	Nil	0·13	0·27	0·76	—0·49	7·96	5·18	+2·78	0·00	0·18	Cuttack ...	Cuttack	
67	0·7	Nil	Nil	0·20	0·13	0·96	—0·83	4·12	4·25	—0·13	0·00	0·32	Balasore ...	Balasore	
75	3·7	Nil	Nil	0·49	Nil	1·47	—1·47	2·54	6·14	—3·60	0·00	0·52	Saugor Island ...	South-West Midnapore South 24-Parganas ...	SOUTH-WEST BENGAL.
60	1·7	Nil	Nil	0·54	0·15	1·30	—1·15	0·43	3·75	—3·32	0·00	0·33	Midnapore ...	Midnapore	
68	1·7	Nil	0·01	0·46	0·15	1·46	—1·31	0·61	3·83	—3·22	0·00	0·48	Calcutta ...	24-Parganas ... Howrah ... Hooghly ...	
48	1·4	0·01	0·01	0·27	0·10	1·07	—0·97	0·64	3·22	—2·58	0·00	0·45	Burdwan ...	Burdwan	
61	1·3	0·05	0·04	0·22	0·44	0·80	—0·36	1·00	2·85	—1·85	0·00	0·50	Bankura ...	Bankura	
61	1·8	0·20	0·07	0·10	0·73	0·95	—0·22	2·08	2·54	—0·46	0·25	0·31	Raniganj ...	Birbhum ... West Burdwan ...	
70	1·0	0·22	0·04	0·09	0·69	0·79	—0·10	2·03	2·27	—0·24	0·17	0·31	Berhampore ...	Murshidabad ...	
55	1·0	Nil	0·06	0·35	0·16	1·20	—1·04	0·90	3·35	—2·45	0·20	0·43	Krishnagar ...	Nadia	
78	2·9	Nil	0·04	0·49	0·10	1·31	—1·21	1·95	4·04	—2·09	0·13	0·52	Jessore ...	Jessore ... ... Khulna	
81	6·0	0·26	0·12	0·48	0·12	1·06	—0·94	3·12	6·67	—3·55	0·50	0·49	Chittagong ...	Chittagong	EAST BENGAL.
			1·20	0·64	1·20	1·43	—0·23	4·53	6·42	—1·89	2·00	0·85	Demagiri ...	Chittagong Hill Tracts	
77	5·4	Nil	0·03	0·51	0·03	1·29	—1·26	1·37	5·50	—4·13	0·25	0·58	Barisal ...	Backergunge	
91	1·3	0·02	0·48	1·01	0·75	1·81	—1·06	3·18	7·30	—4·12	1·00	0·77	Noakhali ...	Noakhali	
78	2·0	Nil	0·09	0·45	0·85	1·32	—0·47	2·79	3·57	—0·78	0·33	0·58	Faridpur ...	Faridpur	
86	5·1	Nil	0·06	0·25	0·89	1·15	—0·26	3·36	3·98	—0·62	0·00	0·39	Dacca ...	Dacca	
86	3·4	0·04	0·10	0·40	0·46	1·21	—0·75	6·13	4·33	+1·80	0·50	0·66	Comilla ...	Tippera	
76	1·9	Nil	Nil	0·32	0·88	1·08	—0·20	2·79	3·45	—0·66	0·00	0·43	Mymensingh ...	Mymensingh	
60	0·7	Nil	Nil	0·20	0·35	0·88	—0·53	2·69	2·62	+0·07	0·00	0·19	Bogra ...	Bogra	NORTH BENGAL.
65	1·9	Nil	0·07	0·29	0·25	1·23	—0·98	1·30	3·39	—2·09	0·50	0·44	Sirajganj ...	Pabna	
58	1·6	0·02	0·03	0·16	0·65	0·75	—0·10	1·87	2·42	—0·55	0·00	0·37	Rampur Boalia ...	Rajshahi	
45	0·9	Nil	Nil	0·02	0·44	0·48	—0·04	0·58	2·26	—1·68	0·00	0·08	Malda ...	Malda	
54	0·3	Nil	Nil	0·08	0·34	0·49	—0·15	0·53	1·79	—1·26	0·00	0·21	Dinajpur ...	Dinajpur	
80	0·0	Nil	Nil	0·08	0·36	0·45	—0·09	0·53	2·10	—1·57	0·00	0·20	Rangpur ...	Rangpur	
75	0·0	Nil	Nil	0·05	0·40	0·40	0	0·40	2·27	—1·87	0·00	0·12	Jalpaiguri ...	Jalpaiguri ... ... Kuch Bihar	
62	0·6	Nil	Nil	0·12	2·10	0·64	+1·46	3·19	3·89	—0·70	0·00	0·31	Darjeeling ...	Darjeeling Hill Tracts	
53	0·0	Nil	Nil	0·01	0·22	0·42	—0·20	0·22	2·08	—1·86	0·00	0·05	Purnea ...	Purnea ... ... North Bhagalpur ...	NORTH BEHAR.
63	0·4	Nil	Nil	0·09	0·70	0·41	+0·29	0·79	2·07	—1·28	0·00	0·16	Muzaffarpur ...	Muzaffarpur ...	
56	0·4	0·01	Nil	0·02	0·71	0·43	+0·28	0·72	1·95	—1·23	0·00	0·07	Darbhanga ...	Darbhanga ...	
64	0·9	Nil	Nil	Nil	0·13	0·32	—0·19	0·13	1·55	—1·42	0·00	0·00	Motihari ...	Champaran	
68	0·0	Nil	Nil	0·04	0·74	0·44	+0·30	0·79	2·14	—1·35	0·00	0·19	Chapra ...	Saran	
45	0·4	Nil											Debri ...		SOUTH BEHAR.
50	0·3	Nil	Nil	0·10	1·22	0·44	+0·78	1·39	2·59	—1·20	0·00	0·20	Buxar ...	Shahabad	
38	0·0	Nil											Arrah ...		
52	1·0	Nil	Nil	0·05	0·61	0·42	+0·19	0·94	2·15	—1·21	0·00	0·19	Gaya ...	Gaya	
44	0·0	Nil	Nil	0·03	0·62	0·38	+0·24	0·80	2·27	—1·47	0·00	0·14	Bankipore ...	Patna	
58	0·0	Nil	Nil	0·03	0·46	0·48	—0·02	0·53	2·34	—1·81	0·00	0·14	Bhagalpur ...	South Bhagalpur ... Monghyr	
54	1·4	Nil	Nil	0·08	0·81	0·47	+0·34	1·30	2·11	—0·81	0·00	0·24	Dumka ...	Sonthal Parganas ...	
44	0·7	0·02	Nil	0·15	1·40	0·66	+0·74	1·55	2·43	—0·88	0·00	0·28	Hazáribágh ...	Hazáribágh	CHUTIA NAGPUR.
53	3·4	0·22	0·09 Nil	0·08 0·11	1·41 0·97	0·72 0·91	+0·69 +0·06	1·50 1·43	3·09 2·73	—1·50 —1·30	0·33 0·00	0·36 0·27	Ranchi ...	Lohardaga ... ... Manbaum	
60	3·6	Nil	Nil	0·17	1·18	0·88	+0·30	1·72	3·48	—1·76	0·00	0·85	Chaibassa ...	Singbhum	

ten years. The variations are *negative* when the mean of the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal means
ten years. The means of the district are the numerical average of the rainfall return received in the district, *i.e.*, from total rainfall at the sub-divisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 27th of February 1892.

Meteorological division.	District.	Station.	Rainfall. Sunday, 21st Feb.	Monday, 22nd Feb.	Tuesday, 23rd Feb.	Wednesday, 24th Feb.	Thursday, 25th Feb.	Friday, 26th Feb.	Saturday, 27th Feb.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
ORISSA	Puri	Puri	...	...	...	...	...	...	...	Nil	Nil	0·10	Nil	0·83	15·91	8·34
		Khurda	...	...	...	...	...	...	...	Nil	Nil	0·10	0·01	0·56	3·75	5·53
		Banpur	...	...	...	...	...	...	...	Nil	Nil	0·03	0·46	0·90	2·23	7·31
		False Point	...	...	...	...	...	...	...	Nil	Nil	0·26	0·42	0·96	12·67	8·68
		Gop	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	?	?
		Satpara	...	...	...	...	...	...	...	Nil	Nil	.	Nil	?	4·10	?
		Pipli	...	...	...	...	...	...	...	Nil	Nil	?	0·56	?	7·54	?
	Cuttack	Jagatsingpore	...	...	...	...	...	...	...	Nil	Nil	0·18	0·43	0·78	12·90	5·24
		Banki	...	...	...	...	...	...	...	Nil	Nil	0·04	Nil	0·55	1·17	5·13
		Cuttack	...	...	...	...	...	...	...	Nil	Nil	0·04	Nil	0·59	4·87	5·09
		Kendrapara	...	...	...	...	...	...	...	Nil	Nil	0·08	0·91	0·82	17·65	5·35
		Jajpur	...	...	...	...	...	...	...	Nil	Nil	0·31	Nil	1·04	3·24	5·06
		Dharmsala	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	5·36	?
		Salipore	...	...	...	...	...	...	...	Nil	Nil	?	0·15	?	8·35	?
		Akhyapada	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	4·74	?
	Balasore	Chandbali	...	...	...	...	...	...	...	Nil	Nil	0·03	Nil	0·79	11·05	5·49
		Bhadrak	...	...	...	...	...	...	...	Nil	Nil	0·16	0·18	1·09	6·[illegible]3	4·72
		Sorah	...	...	...	...	...	...	...	Nil	Nil	0·27	0·2[illegible]	0·81	4·18	3·87
		Balasore	...	...	...	...	...	...	...	Nil	Nil	0·33	0·38	1·35	2·85	5·39
		Jellasore	...	...	...	...	...	...	...	Nil	Nil	0·26	Nil	0·97	0·85	3·01
		Baripodah	...	...	...	...	...	...	...	Nil	Nil	0·13	0·57	0·77	0·92	3·04
SOUTH-WEST BENGAL.	Midnapore	Contai	...	...	...	...	...	...	...	Nil	Nil	0·41	Nil	1·35	2·49	6·55
		Saugor Island	...	...	...	...	...	...	...	Nil	Nil	0·26	Nil	1·17	4·44	5·66
		Tamluk	...	0·02	...	...	...	...	...	Nil	0·02	0·58	0·20	1·71	0·55	4·70
		Midnapore	...	...	...	...	...	...	...	Nil	Nil	0·48	0·18	1·29	0·36	4·25
		Ghatál	...	...	...	...	...	...	...	Nil	Nil	0·27	0·09	0·90	0·42	2·31
		Kukrahaty	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·31	?
		Garhbeta	...	...	...	...	...	...	...	Nil	Nil	?	0·35	?	0·54	?
	24-Parganas	Diamond Harbour	...	...	...	...	...	...	...	Nil	Nil	0·79	Nil	1·87	0·70	5·18
		Canning Town	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	2·34	?
		Alipore Jail	...	...	...	...	...	...	...	Nil	Nil	0·56	Nil	1·82	0·43	4·86
		Barrackpore	...	...	...	...	...	...	0·03	Nil	0·03	0·53	0·21	1·62	0·49	3·87
		Dum-Dum	...	...	...	...	...	...	...	Nil	Nil	0·64	0·22	1·51	0·62	4·00
		Barasat	...	...	...	...	...	...	...	Nil	Nil	0·40	0·67	1·53	1·08	4·10
		Basirhat	...	...	...	...	...	...	...	Nil	Nil	0·60	0·05	1·37	1·33	3·68
	Howrah	Howrah	...	...	...	...	...	...	...	Nil	Nil	0·60	0·01	1·40	0·30	4·15
		Mohesreka	...	...	...	...	...	...	...	Nil	Nil	0·50	0·04	1·44	0·45	3·38
		Uluberia	...	...	...	...	...	...	...	Nil	Nil	?	0·04		0·40	?
	Hooghly	Serampore	...	...	...	...	...	...	0·03	Nil	0·03	0·19	0·18	1·20	0·67	3·38
		Hooghly	...	...	...	...	...	...	0·05	Nil	0·05	0·28	0·05	1·38	0·38	3·65
		Jahánabad	...	...	...	...	...	...	...	Nil	Nil	0·24	0·04	1·30	0·34	3·85
	Burdwan	Kalna	...	...	...	...	...	...	...	Nil	Nil	0·30	0·02	1·11	0·36	3·27
		Burdwan	...	0·01	...	...	...	...	...	Nil	0·01	0·25	0·15	0·96	0·43	3·09
		Katwa	...	...	...	...	...	...	0·03	Nil	0·03	0·25	0·15	1·15	1·13	3·30
		Raniganj	0·20	...	...	...	...	...	...	1	0·20	0·22	0·69	1·26	1·25	2·81
		Mankur	...	...	...	...	...	...	...	Nil	Nil	?	0·29	?	1·14	?
	Bankura	Bankura	...	...	...	...	...	...	0·05	Nil	0·05	0·33	0·24	1·02	0·93	3·08
		Bishenpore	...	...	...	...	...	...	0·04	Nil	0·04	0·29	0·45	0·95	0·82	2·96
		Maliara	...	0·06	...	...	...	...	...	Nil	0·06	0·18	0·08	0·61	1·36	2·21
		Khatra	...	...	...	...	...	...	...	Nil	Nil	0·09	0·35	0·64	0·85	3·15
		Indas	...	...	...	...	...	...	...	Nil	Nil	?	0·09	?	0·57	?
		Kotalpore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·30	?
		Anda	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·41	?
		Gangajalghati	...	...	...	...	...	...	...	Nil	Nil	?	0·38	?	0·07	?
		Raipore	...	...	...	...	...	...	...	Nil	Nil	?	0·70	?	1·52	?
		Sonamukhi	...	...	...	...	...	...	...	Nil	Nil	?	0·21	?	0·72	?
	Birbhum	Bh. Suri	...	...	0·06	...	...	...	0·04	Nil	0·10	0·07	0·81	0·79	2·26	2·80
		Hetampore	...	...	...	...	...	...	...	Nil	Nil	0·00	0·52	0·98	2·04	2·17
		Rampur Há...	...	...	...	...	...	...	...	Nil	Nil	0·06	0·93	0·78	2·81	2·37
		Holpore	...	...	...	...	...	...	...	Nil	Nil	?	0·55	?	2·65	?
		Murari	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·56	?
	Nadia	Ranaghat	0·03	0·01	...	...	...	...	0·02	Nil	0·06	0·31	0·14	1·11	0·74	3·34
		Krishnagar	...	...	...	...	...	...	...	Nil	Nil	0·24	0·03	1·08	1·83	2·75
		Chuadanga	...	...	...	...	...	...	0·04	Nil	0·04	0·32	0·04	1·19	0·51	3·66
		Meherpore	...	...	0·11	...	...	...	0·07	1	0·18	0·44	0·36	1·31	0·66	3·21
		Kushtia	...	...	...	...	...	...	0·04	Nil	0·04	0·43	0·24	1·29	1·24	3·78
	Khulna	Satkhira	...	...	...	...	...	...	0·01	Nil	0·01	0·78	0·12	1·49	3·25	4·20
		Bágerhat	...	...	...	...	...	...	...	Nil		0·20	Nil	1·10	2·78	4·26
		Khulna	...	0·15	...	...	...	...	0·04	1	0·19	0·68	0·19	1·46	4·08	4·57
		Nakipur	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	3·82	?
		Rampal	...	...	...	...	...	...	...	Nil	Nil	?	0·09	?	1·89	
	Jessore	Narail	...	...	...	0·03	...	...	...	Nil	0·03	0·23	0·07	1·14	2·30	4·39
		Jessore	...	...	...	...	...	...	...			0·41	0·08	1·28	1·46	4·23
		Jhenidah	...	...	...	...	...	...	0·07	Nil	0·07	0·61	0·17	1·60	0·51	3·90
		Magura	...	...	...	...	...	...	0·02	Nil	0·02	0·24	0·24	1·08	0·76	2·97
		Bangaon	...	...	...	...	...	...	...			0·53	Nil	1·28	0·56	3·81
	Murshidabad	Kandi	...	...	...	...	...	...	0·03	Nil	0·03	0·06	0·55	0·85	1·75	2·59
		Berhampore	...	...	...	...	...	...	0·22	1	0·22	0·16	0·78	1·05	1·84	2·68
		Lalbagh	...	...	...	...	...	...	0·01	Nil	0·01	0·09	0·63	0·76	1·49	2·04
		Azimgunge	...	...	...	...	...	...	...	Nil	Nil	0·03	0·70	0·04	2·56	2·26
		Jangipur	...	...	...	...	...	...	...	Nil	Nil	0·09	0·90	0·69	2·33	2·04
		Lalgola	...	...	...	...	...	...	...	Nil	Nil	?	0·60	0·72	2·20	2·02
		Aurungunj	...	...	...	...	...	...	...	Nil	Nil	?	0·49	?	2·12	?
		Patkabari	...	...	...	...	...	...	...	Nil	Nil		0·30	?	1·40	?
EAST BENGAL	Chittagong	Cox's Bazar	...	...	...	...	...	...	...	Nil	Nil	0·31	Nil	0·77	4·01	7·51
		Chittagong	...	...	...	0·02	0·23	...	...	1	0·25	0·64	0·25	1·33	2·22	5·81
		Kutubdia	...	...	...	...	...	...	...	Nil	Nil	?		?		?
		Satkania	...	...	...	...	...	...	...	Nil	Nil	?		?		?
	Chittagong Hill Tracts.	Rangamati	...	...	...	0·35	0·85	...	...	2	1·20	0·61	1·20	1·43	4·53	5·49
		Sundarbun	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	3·04	?
	Backergunge	Patuakhali	...	...	...	...	...	...	...	Nil	Nil	0·34	0·02	1·19	0·95	5·87
		Pirojpur	...	...	...	...	...	...	...	Nil	Nil	0·52	Nil	1·45	1·69	5·44
		Barisal	...	...	...	0·11	...	...	...	1	0·11	0·63	0·11	1·37	2·82	6·56
		Bhola	...	...	...	...	...	...	...	Nil	Nil	0·54	Nil	1·11	0·58	5·06

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 27th of February 1892—contd.

Meteorological division.	District.	Station.	Rainfall. Sunday, 21st Feb.	Monday, 22nd Feb.	Tuesday, 23rd Feb.	Wednesday, 24th Feb.	Thursday, 25th Feb.	Friday, 26th Feb.	Saturday, 27th Feb.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
EAST BENGAL —concld.		*Gournaddi*	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·01	?
		Bauphal	......	......	......	......	......	......	......	Nil	Nil	?	0·14	?	1·74	?
	Noakhali	Noakhali	......	......	......	......	......	......	......	Nil	Nil	0·97	Nil	1·64	2·77	6·37
		Fenny	......	0·85	......	0·10	......	......	......	2	0·95	1·03	1·46	1·96	3·57	3·21
		Harishpore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·47	?
		Ramganj	......	......	......	0·31	......	......	......	1	0·31	?	0·31	?	1·70	?
	Faridpur	Madaripur	......	......	......	0·22	......	......	......	1	0·22	0·69	0·37	1·38	4·61	3·68
		Faridpur	......	......	0·03	......	......	......	......	Nil	0·03	0·42	1·37	1·43	3·44	3·54
		Goalundo	......	......	......	......	......	......	0·03	Nil	0·03	0·25	0·81	1·18	1·34	3·51
	Dacca	Munshiganj	......	......	......	0·09	......	......	......	Nil	0·09	0·44	0·63	1·45	4·41	4·70
		Dacca	......	......	......	......	......	......	......	Nil	Nil	0·35	1·00	1·18	2·96	3·20
		Narainganj	......	......	......	0·06	......	......	0·05	Nil	0·11	0·08	0·83	0·63	4·17	4·73
		Manikganj	......	......	......	......	......	......	0·02	Nil	0·02	0·15	1·08	1·10	1·99	3·27
		Joydebpore	......	......	......	......	......	......	......	Nil	Nil	?	1·28	?	3·23	?
	Hill Tippera	Agartola	......	......	......	0·20	......	......	......	1	0·20	0·20	0·83	1·06	8·28	4·97
	Tippera	Comilla	......	......	......	0·07	......	......	......	Nil	0·07	0·43	0·07	1·16	6·49	4·29
		Chandpore	......	......	......	......	......	......	0·12	1	0·12	0·28	0·50	0·99	4·95	3·46
		Brahmanbaria	......	......	......	......	......	......	......	Nil	Nil	0·59	0·48	1·63	5·01	4·60
		Ramchandrapore	......	......	......	0·15	......	......	......	1	0·15	?	0·07	?	4·09	?
		Nasirnagar	......	......	......	0·50	......	......	......	1	0·50	?	1·10	?	2·65	?
		Daudkandi	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·17	?
		Kasba	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	7·44	?
		Laksham	......	0·15	......	1·00	......	......	......	2	1·25	?	1·50	?	3·55	?
	Mymensingh	Kishoregunge	......	......	......	......	......	......	......	Nil	Nil	0·26	0·30	0·97	1·97	3·37
		Atia (*Tangail*)	......	......	......	......	......	......	......	Nil	Nil	0·36	0·83	1·38	1·45	3·53
		Mymensingh	......	......	......	......	......	......	......	Nil	Nil	0·32	1·53	1·07	4·10	3·47
		Jamalpur	......	......	......	......	......	......	......	Nil	Nil	0·34	0·20	1·25	3·28	3·45
		Netrokona	......	......	......	......	......	......	......	Nil	Nil	0·30	1·73	0·69	3·44	3·37
		Subornakhali	......	......	......	......	......	......	......	Nil	Nil	?	0·18	?	1·28	?
		Durgapore	......	......	......	......	......	......	......	Nil	Nil	?	2·92	?	?	?
		Sherepore Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·06	?
		Dewanganj	......	......	......	......	......	......	......	Nil	Nil	?	0·28	?	2·12	?
NORTH BENGAL.	Pabna	Pabna	......	......	......	......	......	......	0·13	1	0·13	0·37	0·33	1·13	1·32	2·21
		Sirajganj	......	......	......	......	......	......	......	Nil	Nil	0·31	0·16	1·33	1·25	3·56
	Bogra	Sherepore	......	......	......	......	......	......	......	Nil	Nil	0·27	0·33	1·14	2·97	3·12
		Nowkhilla	......	......	......	......	......	......	......	Nil	Nil	0·27	0·39	1·06	2·96	2·89
		Bogra	......	......	......	......	......	......	......	Nil	Nil	0·17	0·31	0·72	3·91	2·87
		Panchbibi	......	......	......	......	......	......	......	Nil	Nil	0·08	0·45	0·57	0·90	1·55
	Rajshahi	Boalia	......	......	......	......	......	......	......	Nil	Nil	0·05	0·63	0·67	0·94	2·28
		Nator	......	......	......	0·08	......	......	......	Nil	0·08	0·09	0·91	0·89	2·35	2·64
		Naogaon	......	......	......	......	......	......	......	Nil	Nil	0·35	0·40	0·70	2·30	2·14
		Lalpore	......	......	......	......	......	......	0·10	1	0·10	?	0·40	?	1·47	?
		Manda	......	......	......	......	......	......	......	Nil	Nil	?	0·54	?	1·54	?
	Malda	Malda	......	......	......	......	......	......	......	Nil	Nil	0·04	0·70	0·49	0·96	2·53
		Chanchal	......	......	......	......	......	......	......	Nil	Nil	Nil	0·18	0·47	0·20	1·99
		Gajol	......	......	......	......	......	......	......	Nil	Nil	?	0·50	?	0·65	?
		Sibganj	......	......	......	......	......	......	......	Nil	Nil	?	0·64	?	1·57	?
	Dinajpur	Mohadebpore	......	......	......	......	......	......	......	Nil	Nil	0·01	0·48	0·49	1·18	1·54
		Churamon	......	......	......	......	......	......	......	Nil	Nil	0·03	0·24	0·47	0·32	1·47
		Raigunge	......	......	......	......	......	......	......	Nil	Nil	0·07	0·30	0·58	0·30	1·49
		Dinajpur	......	......	......	......	......	......	......	Nil	Nil	0·16	0·31	0·54	0·31	3·09
		Balloorghat	......	......	......	......	......	......	......	Nil	Nil	0·12	0·37	0·36	1·54	1·46
		Thakoorgaon	......	......	......	......	......	......	......	Nil	Nil	?	0·18	?	0·18	?
	Rangpur	Bhawaniguunge (*Gyabanda*)	......	......	......	......	......	......	......	Nil	Nil	0·14	0·30	0·61	0·84	2·29
		Rangpur	......	......	......	......	......	......	......	Nil	Nil	0·05	0·28	0·34	0·57	2·58
		Kurigram	......	......	......	......	......	......	......	Nil	Nil	0·04	0·35	0·32	0·51	1·77
		Bagdogra (*Nilphamari*)	......	......	......	......	......	......	......	Nil	Nil	0·10	0·40	0·53	0·40	1·76
		Ulipore	......	......	......	......	......	......	......	Nil	Nil	?	0·39	?	0·87	?
	Jalpaiguri	Jalpaiguri	......	......	......	......	......	......	......	Nil	Nil	0·17	0·60	0·42	0·60	3·33
		Alipore Dooar	......	......	......	......	......	......	......	Nil	Nil	?	0·84	?	0·94	?
		Fallacotta	......	......	......	......	......	......	......	Nil	Nil	?	1·26	?	1·26	?
		Debiganj	......	......	......	......	......	......	......	Nil	Nil	?	0·31	?	0·31	?
		Bhagalpore (*Nagrakatta*)	......	......	......	......	......	......	......	Nil	Nil	?	2·25	?	3·66	?
	Kuch Behar	Dinhatta	......	......	......	......	......	......	......	Nil	Nil	0·02	0·21	0·43	0·21	3·31
		Kuch Behar	......	......	......	......	......	......	0·02	Nil	0·02	0·01	0·40	0·24	0·40	1·94
		Mekligunge	......	......	......	......	......	......	......	Nil	Nil	0·05	0·46	0·53	0·46	2·14
		Matabhanga	......	......	......	......	......	......	......	Nil	Nil	0·03	0·37	0·44	0·37	1·86
	Darjeeling Hill.	Buxa	......	......	......	......	......	......	......	Nil	Nil	0·17	3·75	0·88	6·81	5·60
		Silliguri	......	......	......	......	......	......	......	Nil	Nil	Nil	0·77	0·23	0·77	1·83
		Darjeeling	......	......	......	......	......	......	......	Nil	Nil	0·15	2·45	0·77	2·80	5·14
		Kalimpong	......	......	......	......	......	......	......	Nil	Nil	0·17	1·74	0·68	2·33	2·79
		Kurseong	......	......	......	......	......	......	......	Nil	Nil	?	3·16	?	3·23	?
NORTH BEHAR	Purnea	Kishanganj	......	......	......	......	......	......	......	Nil	Nil	0·01	0·31	0·39	0·81	2·20
		Araria	......	......	......	......	......	......	......	Nil	Nil	0·01	0·13	0·41	0·13	1·94
		Purnea	......	......	......	......	......	......	......	Nil	Nil	Nil	0·08	0·43	0·08	2·55
		Gondwara	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Barsoe	......	......	......	......	......	......	......	Nil	Nil	?	0·20	?	0·20	?
		Matiari	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Kaliaganj	......	......	......	......	......	......	......	Nil	Nil	?	0·04	?	0·04	?
	North Bhagalpur.	Madhipura	......	......	......	......	......	......	......	Nil	Nil	0·04	0·81	0·55	0·81	2·00
		Soopool	......	......	......	......	......	......	......	Nil	Nil	0·01	0·23	0·36	0·23	1·76
		Protabganj	......	......	......	......	......	......	......	Nil	Nil	?	0·33	?	0·33	?
	Darbhanga	Tajpur	......	......	......	......	......	......	......	Nil	Nil	0·01	0·42	0·36	0·42	1·85
		Darbhanga	......	......	......	......	......	......	0·01	Nil	0·01	0·06	0·91	0·50	0·94	1·99
		Madhubani	......	......	......	......	......	......	......	Nil	Nil	Nil	0·81	0·46	0·81	2·04
		Bahera	......	......	......	......	......	......	......	Nil	Nil	?	0·20	?	0·20	
		Roshera	......	......	......	......	......	......	......	Nil	Nil	?	0·40	?	0·40	?
	Muzaffarpur	Sitamarhi	......	......	......	......	......	......	......	Nil	Nil	0·22	0·23	0·45	0·23	1·64
		Muzaffarpur	......	......	......	......	......	......	......	Nil	Nil	0·02	0·82	0·39	0·82	2·04
		Hajipur	......	......	......	......	......	......	......	Nil	Nil	0·02	1·08	0·38	0·33	1·91
		Paru	......	......	......	......	......	......	......	Nil	Nil	?	0·70	?	0·70	?
		Mahua	......	......	......	......	......	......	......	Nil	Nil	?	0·70	?	0·75	?
		Siuhar	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pupri	......	......	......	......	......	......	......	Nil	Nil	?	0·40	?	0·40	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 27th of February 1892—concld

Meteorological division.	District.	Station.	Rainfall. Sunday, 21st Feb.	Monday, 22nd Feb.	Tuesday, 23rd Feb.	Wednesday, 24th Feb.	Thursday, 25th Feb.	Friday, 26th Feb.	Saturday, 27th Feb.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
NORTH BIHAR—concluded.	Champaran ...	Motihari ...	......	......	......	......	......	......	......	Nil	Nil	Nil	0·11	0·30	0·11	1·52
		Bettiah ...	......	......	......	......	......	......	......	Nil	Nil	Nil	0·15	0·32	0·15	1·56
		Bagaha ...	......	......	......	......	......	......	......	Nil	Nil	?	0·10	?	0·10	?
		Burhurwa ...	......	......	......	......	......	......	......	Nil	Nil	?	0·04	?	0·04	?
	Saran ...	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·03	0·15	0·56	0·22	1·76
		Siwan	......	......	......	......	......	......	......	Nil	Nil	0·02	0·04	0·44	1·08	2·42
		Chupra ...	......	......	......	......	......	......	......	Nil	Nil	0·03	1·11	0·33	1·11	2·26
SOUTH BEHAR	Shahabad ...	Buxar	......	......	......	......	......	......	......	Nil	Nil	0·03	1·21	0·30	1·45	2·49
		Dehri	......	......	......	......	......	......	......	Nil	Nil	0·34	0·47	0·50	0·51	2·66
		Bhabhua ...	......	......	......	......	......	......	......	Nil	Nil	0·06	2·38	0·53	2·81	3·01
		Sasseram ...	......	......	......	......	......	......	......	Nil	Nil	0·03	0·67	0·43	0·73	2·51
		Arrah ...	......	......	......	......	......	......	......	Nil	Nil	0·03	1·35	0·41	1·44	2·25
		Mohaniah	......	......	......	......	......	......	......	Nil	Nil	?	2·15	?	2·36	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	4·13	?	?	?
		Ageaon ...	......	......	......	......	......	......	......	Nil	Nil	?	1·36	?	?	?
		Rummagor ...	......	......	......	......	......	......	......	Nil	Nil	?	0·84	?	?	?
		Koath ...	......	......	......	......	......	......	......	Nil	Nil	?	1·60	?	?	?
		Sikroul ...	......	......	......	......	......	......	......	Nil	Nil	?	1·00	?	?	?
		Bassowan ...	......	......	......	......	......	......	......	Nil	Nil	?	1·94	?	?	?
		Monaharpur	......	......	......	......	......	......	......	Nil	Nil	?	2·53	?	?	?
	Gaya	Aurangabad ...	......	......	......	......	......	......	......	Nil	Nil	0·04	1·27	0·37	1·58	1·88
		Gaya ...	......	......	......	......	......	......	0·02	Nil	0·02	0·03	0·67	0·48	1·52	2·34
		Nawádah ...	......	......	......	......	......	......	......	Nil	Nil	0·09	0·46	0·42	0·54	2·27
		Jehanabad ...	......	......	......	......	......	......	......	Nil	Nil	0·03	0·11	0·37	0·11	2·09
		Arwal ..	......	......	......	......	......	......	......	Nil	Nil	?	1·40	?	1·40	?
		Daudnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	0·24	?	0·24	?
		Sherghatti ...	......	......	......	......	......	......	......	Nil	Nil	?	1·52	?	1·78	?
		Rajauli ...	......	......	......	......	......	......	......	Nil	Nil	?	0·63	?	2·10	?
		Pakri Barawan	......	......	......	......	......	......	......	Nil	Nil	?	0·30	?	0·33	?
	Patna ..	Patna ...	......	......	......	......	......	......	......	Nil	Nil	0·01	1·23	0·31	1·50	2·20
		Dinapore .	......	......	......	......	......	......	......	Nil	Nil	0·02	0·68	0·32	0·88	2·15
		Bihar ...	......	......	......	......	......	......	......	Nil	Nil	0·06	0·30	0·50	0·36	2·57
		Barh ...	......	......	......	......	......	......	......	Nil	Nil	0·04	0·25	0·41	0·38	2·19
		Bickram ...	......	......	......	......	......	......	......	Nil	Nil	?	1·95	?	1·95	?
		Hilsa ...	......	......	......	......	......	......	0·02	Nil	0·02	?	0·16	?	0·57	?
	Monghyr ...	Begusarai ...	......	......	......	......	......	......	......	Nil	Nil	0·02	0·71	0·42	0·76	2·56
		Monghyr .	......	......	......	......	......	......	......	Nil	Nil	0·04	0·17	0·52	0·17	2·30
		Jamui ...	......	......	......	......	......	......	......	Nil	Nil	0·02	0·40	0·59	0·50	2·18
		Gogri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura ...	......	......	......	......	......	......	......	Nil	Nil	?	0·23	?	0·23	?
	South Bhágálpur	Bhágálpur ...	......	......	......	......	......	......	......	Nil	Nil	0·03	0·19	0·41	0·80	2·04
		Banka ..	......	......	......	......	......	......	......	Nil	Nil	0·03	0·81	0·45	0·99	2·53
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bongaon ...	......	......	......	......	......	......	......	Nil	Nil	?	0·41	?	0·41	?
	Sonthal Parganas.	Rajmahal ...	......	......	......	......	......	......	......	Nil	Nil	0·10	0·36	0·33	0·70	1·59
		Godda ...	......	......	......	......	......	......	......	Nil	Nil	0·04	0·84	0·43	0·88	1·86
		Pakour	......	......	......	......	......	......	......	Nil	Nil	0·04	0·23	0·38	2·08	1·60
		Naya Dumka	......	......	......	......	......	......	......	Nil	Nil	0·05	1·13	0·68	1·51	2·52
		Deoghur .	......	......	......	......	......	......	......	Nil	Nil	0·11	1·01	0·53	1·19	2·94
		Jamtara ...	......	......	......	......	......	......	......	Nil	Nil	0·15	1·13	0·45	1·43	2·11
		Mohagama ..	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Nanihat ...	......	......	......	......	......	......	......	Nil	Nil	?	0·55	?	0·95	?
CHOTA NAGPUR.	Hazáribágh ..	Pachamba (Giridih).	......	......	......	......	......	......	......	Nil	Nil	0·12	1·45	0·65	1·45	2·83
		Hazáribágh ...	0·02	......	......	......	......	......	......	Nil	0·02	0·11	2·03	0·71	2·17	2·69
		Semtaguran	......	......	......	......	......	......	......	Nil	Nil	0·23	1·50	0·73	1·50	2·18
		Mahudi Hills	......	......	......	......	......	......	......	Nil	Nil	0·15		0·67		2·46
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	0·12	0·70	0·54	1·20	2·51
		Barhi ...	......	......	......	......	......	......	......	Nil	Nil	?	1·34	?	1·41	?
		Chatra ..	0·02	......	......	......	......	......	......	Nil	0·02	?	1·55	?	1·60	?
		Karagdeha ...	......	......	......	......	......	......	......	Nil	Nil	?	1·64	?	1·81	?
		Ramghar ...	......	......	......	......	......	......	......	Nil	Nil	?		?		?
	Lohardaga ...	Lohardaga ...	0·07	......	......	......	......	0·14	......	1	0·21	0·03	1·91	0·52	2·13	3·18
		Ranchi ...	......	......	......	......	......	......	0·05	Nil	0·05	0·20	1·50	1·14	1·74	3·37
		Palámau ..	......	......	......	......	......	......	......	Nil	Nil	0·03	0·77	0·53	0·83	2·74
		Silli ...	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Balumat ...	......	......	......	......	......	......	......	Nil	Nil	?	1·18	?	1·18	?
		Hosseinabad	......	......	......	......	......	......	......	Nil	Nil	?	1·16	?	1·68	?
		Gurwah ...	......	......	......	......	......	......	......	Nil	Nil	?	1·59	?	1·49	?
	Singhbhum ...	Chaibassa ...	......	......	......	......	......	......	......	Nil	Nil	0·17	1·13	0·83	1·72	3·43
		Chakradharpore.	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Ghatsilla ...	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Baharagura	......	......	......	......	......	......	......	Nil	Nil	?		?		?
	Manbhum .	Purulia ...	......	......	......	......	......	......	......	Nil	Nil	0·21	0·98	1·00	1·63	2·80
		Gobindpur ..	......	......	......	......	......	......	......	Nil	Nil	0·04	0·95	0·78	1·20	2·61
		Raghunathpore.	......	......	......	......	......	......	......	Nil	Nil	?	0·56	?	0·56	?
		Barrabhoom	......	......	......	......	......	......	......	Nil	Nil	?	1·02	?	1·72	?
		Jhalda ..	......	......	......	......	......	......	......	Nil	Nil	?	1·24	?	1·47	?
		[illegible] ..	......	......	......	......	......	......	......	Nil	Nil	?	0·78	?	0·97	?
		Pandra ...	......	......	......	......	......	......	......	Nil	Nil	?	1·12	?	?	?

Explanation.—..... indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least ·1 inch of rain has fallen.

CALCUTTA, the 1st March 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 27TH OF FEBRUARY 1892.

AT the close of the previous week the meteorological conditions in Bengal were slightly disturbed, owing to the fact that pressure over Bengal had become so low, that a large shallow barometric depression may be said to have existed over the province, though the feeble depression was not accompanied by any distinct cyclonic circulation of winds. On the 21st pressure had again fallen rapidly in Bengal, the fall being largest at the central and eastern stations, where in some cases it exceeded a tenth of an inch. A very distinct depression on this day existed, the centre of which was apparently in North Bengal, where at some stations pressure was nearly a quarter of an inch below the normal. Temperature also rose rapidly on this day and became from about 4° to 8° above the normal. On the 22nd the pressure changes over Bengal were very slight and the temperature changes were variable, there being an increase in some districts and a decrease in others, particularly in those in the north of the province. The barometric depression therefore continued to exist with a centre in North Bengal, and to this centre winds generally converged, and the influence of the depression was shown in the fact that a few stations, principally in South-West Bengal, reported rain. On the 23rd pressure again fell slowly to moderately in Bengal, and the depression in North Bengal became even more strongly marked, for at some stations, such as at Jalpaiguri and Dhubri, pressure had become nearly three-tenths of an inch below the normal. The wind directions on this day appeared to show that the centre of the disturbance had moved in an easterly direction and was probably passing into Assam. On the 24th pressure continued to fall at the eastern stations, while a moderate increase was taking place in the centre and west of the province. The depression still existed over North Bengal and the western parts of Assam with a defect of a quarter of an inch at some stations, and again winds showed a distinct cyclonic circulation round the centre. The effects of the disturbance were rather more marked on this day than they had been, and numerous stations, principally in East Bengal, reported light rain on this day. On the 25th the depression commenced to pass away and a rapid increase of pressure took place, which at Dhubri exceeded a tenth of an inch. Winds were more northerly than they had been, and became at most stations north-westerly, and a very rapid fall of temperature and humidity set in, the fall in the mean temperature averaging 4° or 5,° while at some stations humidity decreased 20 and 30 per cent. On the 26th pressure again continued to rise at all except the western stations, though it still remained below the normal by about a twentieth of an inch. Temperature also continued to fall, and became from about 2° to 4° below the normal, and dry westerly and north-westerly winds prevailed generally over the province. On the 27th a rapid fall of pressure again set in over Central and Northern Bengal, the fall being largest at Purnea, where it exceeded a tenth of an inch, and again there was a distinct tendency for a barometric depression to form over Bengal with a centre near Purnea. With this distribution of pressure winds again became more or less southerly at a large number of stations except in the extreme west of the province, where they still remained westerly. Temperature and humidity therefore generally increased rather rapidly, and in the case of the mean temperature it had again become above the normal at a large number of stations. With these slightly disturbed conditions, a few stations, principally in East Bengal, again reported light rain showers.

The meteorological conditions during the week have therefore not been very important, and except in East and South-West Bengal, where there have been a few showers, rainfall has been to a great extent absent.

Pressure.—With the almost continuous existence of a barometric depression during the week over the province, the centre of which has been generally in North Bengal, it will be seen that pressure has been rather largely in defect of the normal. The mean defect for the week at some of the stations in North Bengal has been very large; equalling indeed nearly a fifth of an inch, the defect at Dinajpur and Jalpaiguri exceeding 0·18". From this as the centre of largest defect, the deficiency decreases towards the south and west, and in Orissa and Chota Nagpore it only equals about a tenth of an inch.

Temperature—Has shown large variations during the week, but for the greater part of the time it has been in excess of the normal. The average excess in the mean temperatures of all the districts of the province has been 1·5°, but in such districts as South-West and North Bengal and in South Behar it has been from 2° to 2·5°. In Chota Nagpore, on the other hand, temperature has been almost normal.

The variation of temperature is, however, most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in different districts of the province are compared with the normal values for the

same period. The variation, it will be seen, has been almost equally distributed over both day and night temperatures :—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 27th February 1892.

	Normal mean maximum temperature for the week ending 27th February.	Actual mean maximum temperature for the week ending 27th February 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 27th February.	Actual mean minimum temperature for the week ending 27th February 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 27th February.	Actual mean daily temperature for the week ending 27th February 1892.	Variation of actual mean from the normal.
Cuttack	92·5	93·9	+1·4	67·7	66·7	−1·0	80·1	80 3	+0·2
Calcutta	84·5	86·7	+2·2	63·3	64·8	+1·5	74·0	75·8	+1 8
Dacca	85·6	85 2	−0·4	60·8	62·5	+1·7	73·2	73·9	+0·7
Burdwan	86·6	88 9	+2·3	61 2	63 3	+2·1	73·9	76·1	+2·2
Patna	81·9	81·6	−0·3	55·5	56·2	+0 7	68·7	68·9	+0·2
Gaya	85·1	85·5	+0·4	58·6	60·6	+2·0	71·8	73·1	+1·3
Purnea	82·6	85·5	+2·9	53·4	51·7	−1·7	68 1	68·6	+0·5
Hazaribagh	80·9	81·4	+0·5	56·9	56·8	−0·1	68 9	69·1	+0·2
Darjeeling	48·6	48·4	−0·2	36·7	35·5	−1·2	42·7	42·0	−0·7

Rainfall.—The falls during the week have been practically confined to South-West and East Bengal, but, however, even East Bengal only shows an average fall of 0·10 inch and South-West Bengal one of 0·03 inch. The district which has received the largest fall is the Chittagong Hill Tracts with 1·20 inches; Noakhali has also averaged 0·48 inch, and Chittagong district 0·12 inch, but all other districts have received an average fall of only a tenth of an inch or less.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 27th of February 1892 :—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th Oct. 1891.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	96·4	59·6	87·5	68·4	77·9	+1·2	Nil	0·15	−0·15	0·00	0·24	−0·24	0·22	0·86	6·66	5·49
South-West Bengal ...	95·3	51 3	87 8	63·3	75·6	+2·3	0·03	0·34	−0·31	0·09	0·44	−0·35	0·27	1·17	1·32	3·51
East Bengal	88·1	51·5	84·3	61·7	73·0	+2·2	0·10	0·45	−0·35	0·32	0·55	−0·23	0·64	1·25	3·05	4·71
North Bengal	88·8	46·5	84·7	55·1	69 9	+2·1	Nil	0·12	−0·12	0 00	0·20	−0·20	0·38	0·62	1·03	2·81
North Behar	87·2	42·8	83 8	52·8	68·3	+1·3	Nil	0·03	−0·03	0·00	0·09	−0·09	0·50	0·41	0·58	1·99
South Behar	88·2	46·0	84·4	57·7	71·1	+2·0	Nil	0·06	−0·16	0·00	0·19	−0·19	0·75	0·44	0·90	2·29
Chota Nagpur	83·5*	51 2*	81·2*	57·3*	69·2*	+0·1*	0·01	0·13	−0·12	0·00	0·31	−0·31	1·34	0·74	1·59	2·76

* Chyebassa not included.

Meteorological Office, Bengal,
The 1st March 1892.

A. Pedler,
Meteorological Reporter to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 21st to 27th February 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Maximum.	Range.	Minimum.	Hygrometry. Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Wind. Prevailing direction.	Miles recorded.	Rain.	Weather.
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Feb.	21st	141·2	9·0	29·783	76·7	88·3	21·6	66·7	68·4	0·585	63·4	66	SWly S, SSW, and variable.	105	Not measurable,	Partially cloudy, o, d.
,,	22nd	140·7	8·9	·794	76·5	86·9	19·7	67·2	66·0	·499	58·9	57	WSW and variable	69	,,	Partially cloudy, o, d.
,,	23rd	137·8	8·3	·754	76·5	86·3	19·2	67·1	71·3	·690	68·2	78	SSW and variable	95	Nil	Partially cloudy, o.
,,	24th	140·1	9·8	·796	76·5	85·7	15·0	70·7	65·2	·480	57·8	54	NNW and NWly W.	110	,,	Clear.
,,	25th	141·0	9·7	·880	70·7	83·7	24·9	58·8	58·3	·326	47·2	47	NNW, NWly W, and W.	99	,,	Clear.
,,	26th	143·1	9·6	·867	72·5	86·8	29·3	57·5	64·1	·487	58·2	60	SSW ...	110	,,	Chiefly clear.
,,	27th	143·7	9·7	·806	76·1	90·7	25·3	65·4	67·5	·560	62·1	62	SSW and SW ...	134	,,	Chiefly clear.

	Inches.
The mean pressure of the seven days	29·811
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·915
	Hours.
The total number of hours of bright sunshine	65·0
The maximum possible number of hours of sunshine	80·8
	°
The mean temperature of the seven days	75·1
The average temperature of the corresponding period for 24 years, S.-G.'s Office	75·8
The extreme variation of temperature	33·2
The maximum temperature	90·7
	Miles.
The highest velocity of the wind in one hour	15
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	61
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	64
	Inches.
The total fall of rain from 21st to 27th February 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·11
The total fall from 1st January to 27th February 1892	0·04
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	1·40

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; d, drizzling rain.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 29th February 1892.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 21st to 27th February 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature.						Hygrometry.			Rainfall past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
February ...	21st ...	29 819	78 9	90·8	23 9	66·9	80·6	68·6	·539	61·1	51	Nil.
,, ...	22nd ...	·866	78 2	89·0	21 6	67·4	81·2	64·6	·388	51 9	38	,,
,, ...	23rd ...	·828	77 9	87 8	19 9	67·9	78·6	72·8	·729	69 8	75	,,
,, ...	24th .	·862	78·4	87·0	17 2	69 8	8[illegible]·4	62 7	·334	47·9	32	,,
,, ...	25th ...	·965	72·9	85 9	26 0	59 9	76·2	59·5	·288	44·0	32	,,
,, ...	26th ..	·955	74·0	89·0	30 1	58 9	78·6	68·6	·566	62·4	58	,,
,, ...	27th ...	·874	79·1	92·0	25 9	66·1	81·6	72 6	·681	67·8	63	,,

				Inches.
The mean 10 A.M. pressure of the seven days	...	...	...	29·881
The mean temperature of the seven days	...	...	...	77°·1
The extreme variation of temperature	...	..	...	33·1
The maximum temperature	...	...	...	92 0
				%
The mean 10 A.M. relative humidity of the seven days	...		...	50
The total fall of rain from 21st to 27th February 1892	...		...	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The 29th February 1892.

STATEMENT SHOWING THE RESULTS OF THE REGISTRATION OF BIRTHS AND DEATHS IN THE PRINCIPAL MUNICIPALITIES IN BENGAL DURING THE WEEK ENDING WITH SATURDAY, THE 6TH FEBRUARY 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday the 6th February 1892.

1	2	3			4			5			6	7							8							9	10		11		12
		POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Disease.															Sex.				
					NUMBER OF—			RATIO PER 1,000 OF POPULATION PER ANNUM.				DEATHS FROM—							RATIO PER 1,000 OF POPULATION PER ANNUM.								DEATHS.		RATIO PER 1,000 OF POPULATION PER ANNUM.		
DISTRICTS.	NAMES OF MUNICIPALITIES.	Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhoea.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhoea.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan	Burdwan	18,063	16,017	34,080	12	14	*26*	18·3	21·4	*39·7*	85	...	1	33	12	...	2	*48*		1·3	50·4	18·3	...	3·0	*73·2*	38·1	26	22	74·8	71·4	105
	Raniganj	6,346	4,691	10,937	3	...	*3*	14·3	.	*14·3*	No female birth.	...	..	8	...	...	...	*8*	...	..	38·0	.	...	...	*38·0*	47·5	7	1	58·3	11·1	525
Bankura ...	Bankura	8,970	8,925	17,895	10	3	*13*	29·1	8·7	*37·8*	333	...	...	6	1	...	1	*8*	...	..	17·4	2·9	...	2·9	*23·2*	26·2	3	5	17·4	29·1	60
Birbhum ...	Soori	3,982	3,866	7,848	1	2	*3*	6·6	13·3	*19·9*	50	.		9	..	...	5	*14*	..	..	59·6	...	...	33·1	*92·8*	72·9	12	2	156·7	26·9	583
Midnapore ...	Midnapore ...	16,927	16,633	33,560	9	8	*17*	13·9	12·4	*26·3*	112	5	...	17	2		4	*28*	7·7		26·3	3·1	...	6·2	*43·4*	35·7	22	6	67·6	18·8	360
Hughli, including Serampore.	Hughli and Chinsurah.	15,858	15,829	31,687	4	7	*11*	6·5	11·5	*18·0*	57	...	...	20	2	...	2	*24*	...		32·8	3·3	..	3·3	*39·4*	78·8	14	10	45·9	32·9	139
	Serampore ...	13,559	12,937	26,496	10	9	*19*	19·6	17·7	*37·3*	111	...	...	6	7	...	4	*19*	...	..	15·7	13·7	...	7·9	*37·3*	53·0	12	7	25·6	13·7	173
	Utterpara	3,046	2,464	5,510	3	2	*5*	28·3	18·9	*47·2*	149	...	..	5	2	...	...	*7*	...	...	47·2	18·9	...	...	*66·1*	15·9	5	2	85·4	42·2	202
Howrah ...	Howrah	53,153	37,660	90,813	26	24	*50*	14·9	13·7	*28·6*	108	5	..	26	13	...	11	*55*	2·9	..	14·9	7·4	...	6·3	*31·5*	34·9	37	18	36·2	24·9	145
	Bali	7,836	6,979	14,815	8	5	*13*	28·7	17·5	*45·6*	160	...	.	5	2	...	1	*8*	.	...	17·5	7·0	...	3·5	*28·1*	45·6	2	6	13·3	41·7	80
24-Pergunnahs.	Cossipore-Chitpore*	...	...	...	...	...	...	...	...	..	...	..	...	...	...	...	...		...	..	...	...	...	...	..	...	...	...	...	...	......
	Manicktolla* ...	...	...	...	...	...	...	...	...	...	.	..	..	...	...	...	...	...	.	.	..	..	...	...	...	...	...	...	...	...	......
	Baranagore* ...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	..	..	...	..	...	...	...	.	...	...	...	...	...	......
	South Suburban*	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	.	...	..	...	...	...	...	......
Nuddea ...	Krishnagar ...	13,263	14,214	27,477	9	6	*15*	17·0	11·4	*28·4*	150	3	..	10	...	...	4	*17*	5·7	...	18·9	.	...	7·6	*32·2*	41·6	9	8	35·3	29·3	120
	Ranaghat	4,028	4,655	8,683	1	...	*1*	6·0	...	*6·0*	No female birth.	...	...	5	...	...	.	*5*	.	...	29·9	...	...	...	*29·9*	6·0	1	4	12·9	44·7	288
	Santipore	13,708	15,979	29,687	9	6	*15*	15·8	10·5	*26·3*	150	3	.	10	...	..	4	*17*	5·3	...	17·5	...	.	70·0	*23·8*	12·3	9	8	34·1	26·0	131
Jessore ...	Jessore	4,830	3,665	8,495	3	...	*3*	18·4	...	*18·4*	No female birth.	3	...	4	..	...	1	*8*	18·4	...	24·5	..	..	6·1	*49·0*	134·7	5	3	53·8	42·6	126
Murshedabad	Berhampore ...	11,657	11,948	23,605	2	6	*8*	4·4	13·2	*17·6*	33	...	...	6	...	...	3	*9*	...	...	13·2	..	...	6·6	*19·8*	44·1	6	3	26·8	13·1	204
	City Murshedabad	18,901	20,330	39,231	6	8	*14*	7·9	10·6	*18·5*	75	...	...	31	...	...	4	*35*	..	..	41·1	...	...	5·3	*46·4*	48·4	17	18	46·5	46·0	101
Khulna ...	Khulna	3,249	3,043	6,292	...	5	*5*	...	41·3	*41·3*	No male birth.	...	..	1	...	...	...	*1*	..	...	8·2	...	...	...	*8·2*	57·9	...	1	...	17·1	No male death.
Dinajpore ...	Dinajpore	7,254	5,306	12,560	7	1	*8*	29·0	4·1	*33·1*	700	...	...		1	...	3	*10*	...	...	24·8	4·1	...	12·4	*41·4*	68·1	8	2	57·8	19·6	293

Rajshahye ...	Rampore Beauleah	10,766	9,025	19,791	1	...	*1*	2·6	.	*2·6*	No female birth.	...	...	19	2	1	...	*22*	..	...	49·9	5·3	2·6	...	*57·8*	36·3	9	13	43·5	74·9	530
Rungpore ..	Rungpore	8,011	5,309	13,320	4	...	*4*	15·6	...	*15·6*	Ditto.	...	...	14	..	...	...	*14*	..	...	54·7	...	...	...	*54·7*	58·6	12	2	77·9	19·6	397
Bogra ...	Bogra	3,480	2,699	6,179	3	2	*5*	25·2	16·8	*42·1*	150	...	...	2	...	...	2	*4*	..	...	16·8	...	...	16·8	*33·7*	42·1	4	...	77·1	...	No female death.
Pubna ...	Pubna	7,701	7,566	15,267	3	4	*7*	10·2	13·6	*23·8*	75	...	..	5	...	..	...	*5*	...	...	17·0	...	...	...	*17·0*	34·1	4	1	27·0	6·9	391
	Serajganj	11,913	9,824	21,737	7	6	*13*	17·3	14·8	*32·1*	116	...	.	3	2	...	1	*6*	...	...	7·4	4·9	...	2·5	*14·8*	47·0	6	...	27·8	...	No female death.
Darjeeling ...	Darjeeling ..	4,579	2,439	7,018	1	1	*2*	7·4	7·4	*14·8*	100	...	.	3	...	...	3	*6*	...	...	22·2	...	...	22·2	*44·5*	22·2	2	4	23·7	83·3	26
Julpaiguri ...	Julpaiguri ...	4,972	2,975	7,947	2	.	*2*	13·1	...	*13·1*	No female birth.	.	..	4	1	...	...	*5*	...	..	26·2	6·5	...	...	*32·7*	72·0	2	3	20·9	52·4	30
Dacca ..	Dacca	42,782	37,379	80,161	28	20	*48*	15·2	12·0	*31·1*	143	...	5	46	1	...	9	*61*	...	3·2	29·8	·6	...	5·8	*39·6*	35·3	24	37	29·2	51·5	56
	Narainganj ...	7,655	4,906	12,561	8	2	*10*	3·1	8·3	*11·4*	400	..	.	2	1	...	3	*6*	...	..	8·3	4·1	...	12·4	*21·8*	37·3	4	2	27·4	21·0	130
Faridpore ...	Faridpore ..	5,633	4,630	10,263	1	2	*3*	5·0	10·1	*15·2*	50	...	.	6	...	...	...	*6*	...	...	30·4	...	...	..	*30·4*	70·9	4	2	35·7	22·6	103
Backergunj ...	Barisal	8,701	4,485	13,186	5	5	*10*	19·7	19·7	*39·4*	100	..	...	6	...	...	4	*10*	...	.	23·7	...	...	15·7	*39·4*	30·4	5	5	23·9	58·0	53
Mymensing ...	Nasirabad ...	10,443	4,413	14,856	...	1	*1*	..	3·5	*3·5*	No male birth.	...	.	1	..	...	...	*1*	...	..	3·5	...	...	...	*3·5*	21·5	1	...	5·0	...	No female death.
Chittagong ...	Chittagong ...	13,340	8,790	22,130	9	11	*20*	21·1	25·9	*47·0*	82	...	.	7	...	...	1	*8*	...	.	16·4	...	...	2·3	*18·8*	15·8	4	4	15·6	23·7	65
Noakhali ...	Sudharam ...	3,410	1,714	5,124	1	3	*4*	11·1	35·4	*40·6*	33	1	...	2	..	..	1	*4*	10·1	...	20·2	...	...	10·1	*40·6*	60·9	3	1	45·7	30·3	150
Tipperah ...	Comillah	8,153	5,353	13,506	6	13	*19*	23·1	50·1	*73·2*	46	1	...	4	...	...	7	*12*	3·8	..	15·4	..	..	27·0	*46·2*	50·1	6	6	38·3	58·3	63
Patna ...	Patna City ...	78,762	81,475	160,237	44	45	*89*	14·3	14·6	*28·9*	97	...	..	33	10	...	19	*67*	...	..	12·3	3·2	...	6·2	*21·7*	32·8	37	30	24·4	19·1	127
	Behar	23,779	25,172	48,971	25	20	*45*	20·5	21·2	*47·8*	125	..	1	19	1	2	8	*31*	...	1·1	20·1	1·1	2·1	8·5	*32·9*	24·4	16	15	35·0	31·0	113
Gya ..	Gya	38,290	37,831	76,121	25	15	*40*	17·4	10·2	*27·3*	136	7	...	30	4	1	5	*47*	4·8	...	21·5	2·7	·7	3·4	*32·1*	32·1	29	18	39·4	24·7	139
Shahabad ...	Arrah	20,960	22,505	43,465	24	29	*53*	25·7*	34·7	*63·4*	83	...	...	25	1	...	7	*33*	..	..	29·9	1·2	.	8·4	*39·5*	25·1	16	17	39·7	30·3	101
	Buxar	9,299	8,369	17,668	1	1	*2*	2·9	2·9	*5·9*	100	...	..	7	...	...	2	*9*	...	..	20·6	..	...	5·9	*26·5*	29·4	3	6	16·8	37·3	45
Mozufferpore ..	Mozufferpore ...	23,084	19,658	42,742	8	16	*24*	9·7	19·5	*29·2*	50	...	..	19	..	..	5	*24*	...	...	23·1	...	...	6·1	*29·2*	26·8	13	11	29·3	29·1	101
Durbhanga ...	Durbhunga ..	33,774	32,322	66,096	35	27	*62*	27·5	21·-	*48·6*	129	..		21	6	..	10	*37*	...	..	16·5	4·7	...	7·0	*29·1*	22·8	18	10	27·7	30·6	90
Saran ...	Chupra	25,116	26,554	51,670	18	10	*28*	15·1	13·1	*28·2*	180	...	1	12	3	...	16	*32*	...	1·0	12·1	3·0	..	16·1	*32·2*	30·2	17	15	35·2	29·4	119
Chumparun ...	Motihari	6,328	3,979	10,307	3	1	*4*	15·1	5·0	*20·2*	300	...	...	11	1	...	1	*13*	...	...	55·5	5·0	...	5·0	*65·6*	75·7	10	3	82·2	30·2	209
Monghyr ...	Monghyr	28,154	29,366	57,520	19	27	*46*	17·2	24·4	*41·6*	70	...	...	10	6	...	1	*17*	...	...	9·0	5·4	...	·9	*15·4*	38·0	19	7	18·5	12·4	140
	Jamalpore ..	7,456	6,107	13,563	6	4	*10*	23·0	15·3	*38·3*	150	...	...	4	1	1	3	*9*	..	..	15·3	3·8	3·8	11·5	*34·5*	19·1	4	5	27·0	42·6	65
Bhagulpore ...	Bhagulpore ...	34,916	33,322	68,238	14	22	*36*	10·6	16·5	*27·4*	63	...		41	1	...	3	*45*	.	..	31·2	·5	...	2·3	*34·3*	29·0	21	24	31·3	37·5	83
Purneah ...	Purneah	8,463	6,553	15,016	7	5	*12*	24·2	17·3	*41·6*	140	...	.	6	1	2	1	*10*	..	.	20·8	3·4	6·9	3·4	*34·6*	58·1	7	3	43·0	23·8	180
Maldah ...	English Buzar ...	6,289	6,141	12,430	..	3	*3*	...	12·6	*12·6*	No male birth.	1	.	8	3	...	3	*15*	4·2	..	33·4	12·6	..	12·6	*62·8*	50·2	7	8	57·9	67·9	55
Sonthal Pergunnahs.	Deoghur	4,964	3,041	8,005	...	2	*2*	...	13·0	*13·0*	Ditto..	...	...	9	3	...	...	*12*	...	..	58·5	19·5	...	...	*78·0*	19·5	9	3	94·3	51·6	182
Cuttack ...	Cuttack	22,632	20,607	43,239	9	15	*24*	10·8	18·0	*28·9*	60	5	6	15	7	...	12	*45*	6·0	7·2	18·0	8·4	...	11·4	*54·1*	32·5	52	13	73·5	32·7	224
Poori ...	Poori	13,247	11,537	24,784	2	8	*10*	4·2	16·8	*21·0*	25	4	...	9	6	1	12	*32*	8·4	.	18·9	12·6	2·1	25·1	*67·1*	58·7	24	8	94·2	36·1	261
Balasore ...	Balasore	10,282	9,983	20,265	1	4	*5*	2·5	10·3	*12·8*	25	..	1	5	4	..	4	*14*	...	2·5	12·8	10·3	...	10·3	*35·9*	33·5	8	6	40·5	31·3	129
Hazaribagh ...	Hazaribagh ...	7,639	7,667	15,306	10	8	*18*	34·0	27·2	*61·2*	125	...	..	4	1	...	...	*5*	...	...	13·6	3·4	...	...	*17·0*	27·2	3	2	20·4	13·6	150
Lohardugga ...	Ranchi	10,101	8,342	18,443	11	18	*29*	31·0	50·8	*81·8*	61	...	..	12	..	...	9	*21*	...	..	33·8	...	...	25·4	*59·2*	16·9	14	7	72·1	43·6	163
Singbhum ...	Chaibassa	3,126	2,880	6,006	3	...	*3*	26·0	...	*26·0*	No female birth.	...	...	1	...	...	...	*1*	...	..	8·6	...	...	...	*8·6*	17·3	1	...	16·6	...	No female death.
Manbhum ...	Purulia	5,060	4,244	9,304	3	...	*3*	16·8	...	*16·8*	Ditto...	...	...	3	...	...	...	*3*	...	...	16·8	...	...	...	*16·8*	27·9	1	2	10·3	24·5	42
	Total ...	797,090	724,323	1,521,413	470	456	*926*	16·0	15·6	*31·6*	103	38	15	613	108	8	201	*1,013*	1·3	·5	22·0	3·7	·3	6·8	*34·6*	36·3	585	428	38·2	30·7	124

* Return not received up to date.

MORTALITY ACCORDING TO— (columns 13–16)

Class. (columns 1. [13] and 14)

DISTRICTS.	NAMES OF MUNICIPALITIES.	Deaths among— Christians.	Deaths among— Hindus.	Deaths among— Mahomedans.	Deaths among— Buddhists.	Deaths among— Other classes.	Ratio per 1,000 of population per annum. Christians.	Ratio per 1,000 of population per annum. Hindus.	Ratio per 1,000 of population per annum. Mahomedans.	Ratio per 1,000 of population per annum. Buddhists.	Ratio per 1,000 of population per annum. Other classes.
Burdwan	Burdwan	...	35	13	...	...	...	76·8	65·9	...	...
Burdwan	Raniganj	...	8	...	...	...	...	46·6	...	...	...
Bankura	Bankura	...	8	...	...	...	...	24·5	...	...	...
Birbhum	Soori	...	7	7	...	...	...	62·4	182·8	...	..
Midnapore	Midnapore*	...	18	10	...	...	...	36·1	72·0	...	...
Hughli, including Serampore.	Hughli and Chinsurah.	...	17	7	...	...	..	35·0	59·0	...	...
Hughli, including Serampore.	Serampore	...	18	1	...	...	...	37·1	55·4	...	...
Hughli, including Serampore.	Utterpara	...	7	...	...	...	...	68·3	..	..	...
Howrah	Howrah	1	43	10	...	1	27·5	32·8	25·3	...	215·8
Howrah	Bali	...	6	2	...	...	...	23·3	79·3	...	...
24-Pergunnahs.	Cossipore-Chitpore*	...	..	...	...	...	...	...	...	...	...
24-Pergunnahs.	Manicktola*	...	...	...	...	...	...	...	...	...	...
24-Pergunnahs.	Baranagore*	...	...	...	...	...	...	...	...	...	...
24-Pergunnahs.	South Suburban*	...	...	...	...	...	...	...	..	...	...
Nuddea	Krishnagar	...	9	8	...	...	...	25·1	50·2	...	...
Nuddea	Ranaghat	...	3	2	...	...	...	21·3	76·2	...	...
Nuddea	Santipore	...	9	8	...	...	...	22·6	46·5	...	...
Jessore	Jessore	...	3	5	...	...	...	34·6	68·0	...	...
Murshedabad.	Berhampore	...	7	2	...	...	...	20·0	20·0	..	...
Murshedabad.	City Murshedabad	...	10	25	...	...	...	22·9	52·2	...	...
Khulna	Khulna	...	1	...	...	...	...	16·3	..	...	...
Dinajpore	Dinajpore	...	5	5	...	...	...	42·9	40·6	...	...
Rajshahye	Rampore Beauleah	...	10	12	...	...	...	52·5	63·6	...	...
Rungpore	Rungpore	...	5	9	...	...	...	40·1	70·4	...	...
Bogra	Bogra	...	1	3	...	...	...	19·5	45·0	...	...

Age. (columns 15 and 16)

DISTRICTS.	NAMES OF MUNICIPALITIES.	Deaths. Under 1 year.	Deaths. 1 and under 5 years.	Deaths. 5 and under 10 years.	Deaths. 10 and under 15 years.	Deaths. 15 and under 20 years.	Deaths. 20 and under 30 years.	Deaths. 30 and under 40 years.	Deaths. 40 and under 50 years.	Deaths. 50 and under 60 years.	Deaths. 60 years and upwards.	Ratio per 1,000 of population per annum. Under 1 year.	Ratio. 1 and under 5 years.	Ratio. 5 and under 10 years.	Ratio. 10 and under 15 years.	Ratio. 15 and under 20 years.	Ratio. 20 and under 30 years.	Ratio. 30 and under 40 years.	Ratio. 40 and under 50 years.	Ratio. 50 and under 60 years.	Ratio. 60 years and upwards.
Burdwan	Burdwan	3	3	4	1	2	4	14	4	6	7	2[illegible]6·4	69·1	89·2	26·7	33·8	26·3	105·6	47·1	127·1	245·6
Burdwan	Raniganj	...	2	...	2	..	1	1	1	...	1	..	115·7	...	114·3	...	21·5	24·2	41·6	...	124·7
Bankura	Bankura	.	..	...	...	...	.	2	3	1	2	...	.	...	...	...	...	39·4	85·6	47·0	104·7
Birbhum	Soori	2	3	...	...	..	3	1	3	1	1	597·7	250·0	...	...	...	110·5	42·6	176·9	89·2	1[illegible]8·8
Midnapore	Midnapore*	4	1	...	...	1	3	4	4	6	5	279·9	22·1	...	...	16·5	21·2	37·5	55·8	151·2	148·1
Hughli, including Serampore.	Hughli and Chinsurah.	3	3	...	..	..	3	5	4	4	2	194·3	70·3	...	...	...	25·1	45·5	49·9	60·0	47·9
Hughli, including Serampore.	Serampore	3	3	1	...	1	...	2	4	2	3	219·7	56·4	20·7	...	23·8	...	20·9	61·6	54·3	1[illegible]2·1
Hughli, including Serampore.	Utterpara	1	1	...	...	...	1	1	..	1	2	323·0	123·5	...	..	...	45·2	49·0	...	141·3	490·0
Howrah	Howrah	12	7	...	1	1	5	7	3	5	14	302·5	65·7	...	7·9	7·1	11·5	18·9	13·3	47·4	194·1
Howrah	Bali	2	1	1	...	...	1	1	1	...	1	257·3	52·1	48·8	...	...	15·5	18·6	26·9	...	71·0
24-Pergunnahs.	Cossipore-Chitpore*	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
24-Pergunnahs.	Manicktola*	...	.	...	...	...	...	...	..	...	..	...	.	...	...	..	...	...	...	...	...
24-Pergunnahs.	Baranagore*	..	.	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
24-Pergunnahs.	South Suburban*	...	..	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nuddea	Krishnagar	3	3	...	...	2	2	..	3	1	3	314·5	63·2	...	...	50·6	21·6	...	47·8	24·7	90·3
Nuddea	Ranaghat	...	..	1	...	...	...	1	..	2	1	...	...	46·6	...	...	...	41·7	...	143·6	91·4
Nuddea	Santipore	3	3	...	...	2	2	...	3	1	3	184·6	53·8	...	...	46·7	21·2	...	44·4	22·6	79·4
Jessore	Jessore	...	1	...	1	2	1	...	3	...	...	...	105·3	...	78·2	142·1	25·8	...	148·6	...	...
Murshedabad.	Berhampore	5	...	...	...	2	...	...	1	1	..	689·7	...	...	...	59·0	...	...	16·1	27·7	...
Murshedabad.	City Murshedabad	4	2	2	..	...	1	7	6	4	9	272·6	42·2	30·2	...	...	7·1	50·1	53·3	58·6	151·2
Khulna	Khulna	..	1	...	...	...	...	...	...	...	..	...	65·2	...	...	...	...	...	...	...	...
Dinajpore	Dinajpore	1	..	...	...	..	1	5	...	...	3	252·4	...	...	...	...	19·3	105·1	...	...	244·1
Rajshahye	Rampore Beauleah	6	1	3	...	2	2	1	3	1	3	768·5	36·7	75·0	...	62·6	25·0	14·4	63·6	41·9	162·0
Rungpore	Rungpore	1	1	2	1	1	3	1	1	2	1	223·2	58·1	82·7	47·0	48·4	49·3	18·9	32·9	141·5	101·0
Bogra	Bogra	1	...	...	...	...	...	2	...	...	1	379·6	...	...	...	...	...	97·3	...	...	165·6

Pubna ...	Pubna ...	...	...	2		...	...	...	14·6	19·2	...	...	1	...	1	...	...	...	1	...	...	2	131·0	..	30·8	...	...	...	20·8	...	...	104·5
	Serajganj	...	...	6	...	...	...	...	36·4	...	...	...	...	...	...	...	...	...	3	2	1	..	...	...	...	...	...	...	42·4	32·8	23·2	...	—
Darjeeling ...	Darjeeling	...	...	4	...	2	...	...	45·3	...	63·0	...	1	2	...	1	...	...	1	1	...	...	429·8	161·7	..	106·6	...	...	36·3	75·1	...	—
Julpaiguri ...	Julpaiguri	...	...	2	3	...	...	...	24·5	42·8	...	...	...	1	1	...	1	...	...	...	...	2	...	70·6	57·0	...	82·0	...	...	...	...	330·2
Dacca ...	Dacca ...	...	...	19	42	...	...	...	24·5	55·5	...	...	8	10	7	4	2	4	5	7	5	9	219·2	70·5	36·7	26·2	14·2	13·6	22·3	43·4	54·9	84·0
	Narainganj	...	...	4	2	...	...	...	33·8	16·9	...	...	1	...	...	...	...	1	1	1	1	1	186·4	...	...	...	...	19·5	24·3	37·3	66·5	79·8
Faridpore ...	Faridpore	...	...	2	4	...	...	...	19·4	42·8	...	...	...	1	..	1	..	...	1	...	...	3	...	41·7	...	51·2	...	...	35·6	...	...	210·5
Backerganj ...	Barisal ...	...	...	5	5	...	...	...	43·0	38·1	...	...	3	...	...	...	...	2	1	1	...	3	795·9	...	...	...	...	32·8	20·8	34·2	...	275·1
Mymensing ...	Nasirabad	...	...	..	1	...	...	...	...	7·3	...	...	...	...	...	...	...	..	1	...	...	...	...	...	...	...	...	...	7·8	...	...	...
Chittagong ...	Chittagong	...	...	1	7	...	...	...	9·0	23·8	...	...	1	..	...	..	...	1	...	1	3	2	92·4	...	...	...	...	11·2	...	23·0	143·8	130·7
Noakhali ...	Sudharam	...	...	2	2	...	...	...	49·6	41·1	...	...	1	..	..	1	...	...	1	...	...	1	666·7	*	...	111·6	...	...	59·6	...	...	362·6
Tipperah ...	Comillah ...	...	1	...	11	...	...	429·8	..	96·2	...	...	5	2	...	...	...	2	1	1	...	1	875·4	79·5	...	...	...	37·7	26·1	39·6	...	76·7
Patna ...	Patna City	...	...	53	14	...	...	...	23·2	17·8	...	...	16	6	6	1	2	4	3	3	10	16	193·0	21·4	18·5	3·6	9·3	7·2	6·7	8·3	36·8	60·2
	Behar ...	...	...	23	8	...	...	...	35·5	27·2	...	...	8	2	2	1	1	2	2	4	2	7	280·1	18·0	17·2	10·8	17·4	12·3	14·8	40·4	28·7	101·2
Gya ...	Gya ...	...	...	40	7	...	...	...	31·7	22·6	...	...	8	2	2	...	3	5	5	4	7	11	232·4	16·4	14·9	...	29·8	17·7	20·4	21·3	55·4	111·1
Shahabad ...	Arrah ...	...	...	23	10	...	...	...	35·6	41·9	...	...	5	7	1	3	...	2	4	2	5	4	201·9	82·1	10·1	35·3	...	13·2	32·3	22·2	84·0	72·7
	Buxar ...	...	...	5	4	...	...	...	18·7	57·9	...	...	2	...	...	2	...	1	...	...	2	2	250·6	..	...	56·7	...	16·3	...	...	94·5	96·1
Mozufferpore ...	Mozufferpore	...	...	17	7	...	...	...	29·4	29·2	...	..	8	2	2	...	...	1	1	1	2	7	435·6	25·7	23·1	...	...	6·1	7·5	10·4	32·0	149·5
Durbhanga ...	Durbhanga	...	...	23	14	...	...	...	24·7	41·4	...	...	13	4	5	1	2	1	5	3	...	3	434·2	27·3	33·2	9·4	25·9	3·9	23·3	21·0	...	48·8
Sarun ...	Chupra ...	..	...	25	7	...	...	...	32·8	30·6	...	..	7	8	1	1	2	1	1	...	3	8	258·0	66·8	8·7	10·4	30·0	5·6	6·7	...	37·7	116·0
Chumparun ...	Motihari ...	...	...	9	4	...	...	...	62·2	75·1	...	...	3	...	1	1	1	1	1	...	2	3	1,138·7	...	47·1	39·9	78·0	25·8	35·1	...	111·5	257·0
Monghyr ...	Monghyr ...	...	...	16	1	...	..	.	18·6	4·1	...	...	1	3	1	...	...	1	1	2	5	3	35·0	25·1	7·4	...	...	5·0	5·8	16·3	65·4	43·5
	Jamalpore	...	...	6	3	...	...	...	31·8	50·3	...	...	1	..	...	..	...	1	1	3	2	1	146·5	...	..	...	..	18·5	21·6	111·1	151·8	78·0
Bhagulpore ...	Bhagulpore	...	1	37	7	...	...	134·7	39·3	19·3	...	..	6	6	...	5	1	4	7	4	1	11	217·4	48·1	...	35·8	10·5	15·9	33·1	27·2	10·3	132·9
Purneah ..	Purneah ...	...	...	6	4	...	...	...	34·0	36·7	...	...		...	...	1	...	2	2	2	1	2	...	...	...	43·5	...	31·7	36·5	56·1	55·5	64·4
Maldah ..	English Bazar	..	...	9	6	...	...	...	64·4	60·6	...	...	1	3	...	2	1	3	...	1	1	3	176·3	163·9	...	54·2	48·9	67·9	...	35·3	69·5	221·9
Sonthal Pergunnahs.	Deoghur ...	...	...	11	1	...	...	...	74·2	175·1	..	...	1	...	1	1	1	2	1	3	1	1	400·0	...	73·7	82·4	80·2	55·1	32·4	166·5	194·2	186·1
Cuttack ...	Cuttack ...	...	...	38	7	...	..	...	58·7	47·2	...	...	8	7	1	1	1	5	6	4	4	8	405·5	97·4	10·3	12·8	12·9	29·9	51·0	45·9	67·3	141·1
Poori ...	Poori ...	...	...	32	...	...	...	...	67·8	...	...	..	6	1	..	...	1	3	4	6	3	8	1,029·7	28·9	...	..	28·0	29·5	51·3	93·9	60·9	250·3
Balasore ...	Balasore ...	...	...	12	2	...	...	...	57·0	33·9	...	...	2	...	...	1	...	1	4	4	1	1	196·6	...	..	27·0	...	12·7	71·2	93·6	40·6	44·9
Hazaribagh ...	Hazaribagh	...	...	4	1	...	..	...	18·9	12·6	...	...	3	...	...	...	...	...	...	...	...	2	320·3	...	...	...	...	...	...	...	...	124·3
Lohardugga ...	Ranchi ...	...	...	8	4	...	9	..	45·2	38·6	...	198·4	6	1	...	2	...	3	4	...	4	1	663·8	28·2	...	[illegible]	...	40·9	67·7	...	212·0	64·1
Singbhum ...	Chaibassa ...	...	..	...	1	...	...	...	...	66·8	...	...	1	...	...	...	...	..	...	...	...	...	321·0	...	...	...	...	...	...	...	...	...
Manbhum ...	Purulia ...	...	...	3	...	...	...	...	20·0	...	...	...	1	...	...	1	...	...	1	...	...	...	293·8	...	...	58·0	...	...	36·7	...	...	...
	TOTAL ...		3	677	321	2	10	11·9	33·1	37·0	51·1	120·6	182	104	46	37	35	89	123	106	103	188	264·1	40·1	14·8	13·8	15·6	15·3	25·4	31·0	49·3	105·4

* Return not received up to date

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 1st March 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.*,

Sanitary Commissioner for Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 27th February 1892, as compared with the corresponding week of the previous year.

Nature of Cargo.	Week ending Saturday, the 27th February 1892.			Week ending Saturday, the 28th February 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	767	3,13,795	5,562	1,412	2,69,325	4,493
Jute	11	5,300	93	117	63,20[illegible]	1,154
Firewood	97	55,425	860	116	73,050	1,099
Other articles	894	2,55,59[illegible]	3,979	1,020	2,63,445	4,071
Total ...	1,769	6,30,115	10,494	2,665	6,68,020	10,817

BENGAL CENTRAL RAILWAY.

Abstract of principal commodities carried over the Bengal Central Railway during the month of December 1891, as compared with the same month of the previous year.

Staples.	1891.		1890.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1891.	1890.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal	2,483	......	2,472	......	2,483*	3,055*	......	572
Cotton, twist and yarn—								
1.—European								
2.—Indian								
Cotton piece goods—								
1.—European—								
a.—In bales and bundles	345	2	263	......	347	263	84	......
b. In boxes								
2.—Indian—								
a.—In bales and bundles								
b. In boxes								
Grains—								
2.—Rice	10	1,141	167	113	1,151	280	871	......
5.—Others	98	49	70	5	147	75	72	......
Hides and skins—								
1.—Hides of cattle—								
a.—Dressed								
b.—Undressed								
2.—Skins of sheep, &c.—	......	25	......	47	25	47	......	22
a.—Dressed								
b.—Undressed								
Jute—								
1.—Raw—								
b.—Unscrewed	......	690	......	1,184	690	1,184	......	485
2.—Gunny-bags and cloth	21	......	6	2	21	8	13	......
Metals—								
1.—Copper, unwrought								
2.—Brass, unwrought								
3.—Brass and copper, wrought	66	7	40	24	73	64	9	......
4.—Iron								
5.—Tin								
6.—Others								
Oils—								
2.—Kerosine	117	......	94	......	117	94	23	......
3.—Others	112	......	114	......	112	114	......	2
Oil-seeds—								
1.—Linseed								
2.—Rape and mustard								
3.—Til or gingelly								
4.—Niger	40	168	72	86	208	158	50	......
5.—Castor								
6.—Poppy								
7.—Others								
Provisions—								
2.—Betel-nuts	......	1,088	......	661	1,088	661	427	......
3.—Others	64	35	46	7	99	53	46	......
Railway plant and rolling-stock	......	......	......	......	473†	67†	406	......
Salt	189	......	201	......	189	201	......	12
Sugar—								
1.—Drained	30	171	11	220	201	231	......	30
2.—Undrained								
Tobacco	37	10	50	22	47	73	......	25
All other articles of merchandise—								
1.—Unmanufactured	482	430	424	346	912	770	142	......
2.—Manufactured								
Total ..	4,194	3,825	4,030	2,717	8,392	7,397	2,143	1,148

* Includes 583 tons during 1890 carried for Revenue, for which no "Up" and "Down" register maintained.
† Railway plant and rolling-stock 473 tons and 67 tons for the years 1891 and 1890, respectively, for which no "Up" and "Down" register maintained.

Statement of principal commodities carried on the Bengal Central Railway during the month of December 1891.

Increase.

	Tons.
Rice	871

Khulna and Nawapara shew the principal increases which are said to be due to a favourable market.

Decrease.

	Tons.
Coal	572

Fluctuation in despatches for railway and flotilla consumption.

Harry Stuart,
Joint-Auditor and Examiner of Accounts.

Calcutta, *the 23rd February 1892.*

NALHATI STATE RAILWAY.

Statement showing Increases and Decreases in tonnage of Staples carried over the Nalhati State Railway during the month of January 1892, as compared with the same month of the previous year.

Staples.	1891.		1892.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1891.	1892.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal	705	......	665	......	705	665	......	40
Cotton, raw	12	......	7	......	12	7	......	5
Cotton piece-goods—								
1.—European	23	......	31	......	23	31	8	......
Grains—								
2.—Rice	77	393	174	149	470	323	......	147
4.—Others	70	12	24	117	82	141	59	......
Hides and skins—								
1.—Hides of cattle—								
a.—Dressed	......	7	......	3	7	3	......	4
b.—Undressed	......	2	......	5	2	5	3	......
2.—Skins of sheep, goats, and small animals—								
a.—Dressed	......	1	......	......	1	......	......	1
Jute—								
1.—Raw	......	151	1	547	151	548	397	......
2.—Gunny bags and cloths	12	3	8	......	15	8	......	7
Leather, manufactured	5	......	3	......	5	3	......	2
Liquors—								
1.—Beer	......	......	1	......	......	1	1	......
2.—Wines	......	......	2	......	......	2	2	......
Metals—								
2.—Iron	4	......	4	......	4	4	......	......
4.—Others	4	8	5	6	12	11	......	1
Oils—								
1.—Castor	1	......	1	......	1	1	......	......
2.—Kerosine	......	......	1	2	......	3	3	......
3.—Others	1	......	9	......	1	9	8	......
Oil-seeds—								
2.—Mustard and rape	24	......	109	......	24	109	85	......
Provisions—								
1.—Ghee	6	......	2	......	6	2	......	4
2.—Dried fruits and nuts	4	......	1	......	4	1	......	3
3.—Others	85	1	51	3	86	54	......	32
Paper and pasteboard	......	......	2	......	......	2	2	......
Salt	29	......	19	......	29	19	......	10
Silk, raw—								
2.—Indian	39	17	10	......	56	10	......	46
Silk piece-goods—								
2.—Indian	1	4	1	......	5	1	......	4
Spices—								
2.—Others	2	......	3	......	2	3	1	......
Stone and lime	21	......	......	......	21	......	......	21
Sugar—								
1.—Drained	14	......	7	......	14	7	......	7
2.—Undrained	22	......	16	......	22	16	......	6
Tobacco	......	1	8	1	1	9	8	......
Timber	14	......	2	5	14	7	......	7
All other articles of merchandise	63	10	34	20	73	54	......	19
Total ...	1,238	610	1,201	858	1,848	2,059	577	366

Increase.

	Tons.
Cotton piece-goods—	
(1) European	8
Imported by rail, steamer service being stopped for want of water in the Bhagiruthee river.	
Grains—	
(4) Others	59
There being no sufficient water in the river Bhagiruthee, some boats loaded with mutter, mosooree and khasaree from Jungipur to Calcutta were obliged to despatch them by rail from Azimgunj.	
Jute—	
(1) Raw	397
Due to greater despatch for greater demand.	
Oil-seeds—	
(2) Mustard and rape	85
Owing to greater demand.	

Decrease.

	Tons.
Coal	40
This is fluctuating, and silk factories did not work fully owing to failure of cocoons.	
Grains—	
(2) Rice	147
Due to less export owing to short crops this year.	
Provisions—	
(3) Others	32
Due to potatoes not being imported by rail.	
Silk, raw—	
(2) Indian	46
This is due partly to failure of cocoons this year.	
Stone and lime	21
This is due to there being no traffic under this head this year.	

R. G. MOOKERJEE,

Manager, Nalhati State Railway.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 20th February 1892, on 1,525½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	To[tal]
		Rs. A. P.	Mds s	Rs. A. P.	Rs. A. P.	Rs. A. P			
Total traffic for the week ...	*285,180	*3,20,663 8 0	20,51,456 20	6,72,812 13 0	18,082 6 0	10,21,158 11 0	73,667½	104,899	178,
Or per mile of railway	......	210 1 8	.....	441 0 8	12 3 11	669 6 3	......	......	..
For previous 6 weeks of half-year	1,730,126	19,06,472 2 0	1,68,89,[illegible]11 30	38,34,290 7 0	1,22,280 13 0	59,53,013 6 0	461,958½	613,802½	1,073,
Total for 7 weeks ...	2,015,306	23,26,135 10 0	1,98,41,068 10	45,07,103 4 0	1,40,363 3 0	69,74,202 1 0	538,626	718,701½	1,2.7,
Comparison.									
Total for corresponding week of previous year	286,928½	3,55,675 13 10	27,07,723 0	6,57,056 2 9	21,769 4 2	10,34,501 3 9	75,376	100,047	176
Per mile of railway corresponding week of previous year ...	......	233 2 6	.....	430 11 5	14 4 4	678 2 3	......	......	....
Total to corresponding date of previous year	2,225,073½	27,14,169 10 6	1,00,72,504 10	45,65,548 11 4	1,47,147 15 7	74,26,836 5 5	573,670	703,909	1,277,

* The decrease in coaching traffic is due to exceptional receipts on account of "Melas" during the corresponding period of 1891.

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 20th February 1892, on 57½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*14,509	*8,070 7 0	45,715 0	2,995 8 0	54 0 0	11,128 15 0	1,780	864	2,644
Or per mile of railway	254	141 4 0	799 10	53 5 11	0 15 1	194 9 0	.....	......	......
For previous 6 weeks of half-year	92,947	51,191 2 0	2,84,200 30	19,319 14 0	327 0 0	70,868 0 0	11,402	4,917	16,319
Total for 7 weeks ...	107,456	59,270 9 0	3,29,915 30	22,315 6 0	381 0 0	81,996 15 0	13,182	5,781	18,963
Comparison.									
Total for corresponding week of previous year	23,900½	14,896 10 11	41,481 30	3,120 0 0	82 1 3	18,098 12 2	1,508	836	2,334
Per mile of railway corresponding week of previous year .	419½	260 6 11	725 10	54 8 9	1 6 11	316 6 7	......	....	......
Total to corresponding date of previous year	163,760	94,152 15 4	2,94,080 10	20,164 7 0	443 0 0	1,14,760 6 10	11,868	6,271	18,139

* The decrease in coaching traffic is due to exceptional receipts on account of "Melas" during the corresponding period of 1891.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 20th February 1892, on 22½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*18,328	*5,139 0 0	17,709 30	698 11 0	8 0 0	5,845 11 0	871	97	968
Or per mile of railway	......	231 15 6	......	31 6 5	0 5 9	262 11 8	......	......	......
For previous 6 weeks of half-year	124,035	31,195 8 0	1,00,870 30	3,625 1 9	79 0 0	34,899 9 9	5,578	516	6,094
Total for 7 weeks ...	142,363	36,334 8 0	1,18,610 20	4,323 12 9	87 0 0	40,745 4 9	6,449	613	7,062
Comparison.									
Total for corresponding week of previous year	24,178½	6,333 4 6	17,028 20	495 7 0	10 4 9	6,839 0 3	867	101	968
Per mile of railway corresponding week of previous year ...	......	284 10 3	......	22 4 3	0 7 5	307 5 11	......	......	......
Total to corresponding date of previous year	200,036	54,547 12 8	99,525 0	3,425 8 6	63 10 9	58,036 15 5	7,189	753	7,942

* The decrease in coaching traffic is due to exceptional receipts on account of "Melas" during the corresponding period of 1891.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 2?th February 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	15,044	9,780 14 0	38,546 20	7,154 15 0	50 0 0	16 985 13 0	5,717	2,046	7,763
Or per mile of railway	......	60 6 0	......	44 2 8	0 4 11	104 13 7	......	......	.....
For previous 6 weeks of half-year	83,813	59,939 9 0	2,76,927 30	47,743 6 0	414 0 0	1,08,096 15 0	37,073½	12,672	49,745½
Total for 7 weeks ...	98,857	69,720 7 0	3,15,474 10	54,898 5 0	464 0 0	1,25,082 12 0	42,790½	14,718	57,5?8½
Comparison.									
Total for corresponding week of previous year	......	......	...	.....	......	.....	.....	......	......
Per mile of railway corresponding week of previous year ..	......	......	.....	......	.....	.. .	......	......	.....
Total to corresponding date of previous year	......	.....	... ..	......	......	.... .	......	......	.....

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhoot State Railway.)

Approximate Return of Traffic for the week ending 13th February 1892, on 753 miles open

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 753 miles open	89,920	38,920	3,67,200	47,370	9,390	95,680	11,354	19,173	30,527
Or per mile of railway	119·42	51·69	487·65	62·91	12·47	127·07	......	......	.....
For previous 5¾ weeks of half-year	413,080	1,78,740	16,28,640	2,13,890	43,960	4,36,590	60,526	82,836	1,43,362
Total for 6¾ weeks .	503,000	2,17,660	19,95,840	2,61,260	53,350	5,32,270	71,880	102,009	1,73,889
Comparison.									
Total for corresponding week of previous year on 705 miles open	185,976	(a) 72,358	3,15,017	50,928	7,192	1,30,478	11,464	21,095	32,559
Per mile of corresponding week of previous year	263·80	102·64	446·83	72·24	10·20	185·08	......	......	......
Total to corresponding date of previous year	675,940	2,96,173	23,01,733	3,29,288	51,939	6,77,420	66,492	123,526	1,90,018

(a) Increase due to bathing mela at Semaria Ghât.

Printed and published by Edwin Morris Lewis, at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 2nd March 1892.

[REGISTERED No. 29.]

No. 10 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, MARCH 9, 1892.

OFFICIAL PAPERS.

CONTENTS.

RESOLUTION ON THE BOARD'S REPORT ON THE ADMINISTRATION OF THE OPIUM DEPARTMENT FOR 1890-91.

REVENUE DEPARTMENT—OPIUM.

No. 940-O.

Calcutta, the 8th March 1892.

RESOLUTION.

READ—

Board's Report on the Administration of the Opium Department for the year 1890-91.

The report is submitted by Mr. C. C. Stevens, who succeeded Sir H. L. Harrison as Member of the Board of Revenue, in charge of the Miscellaneous Revenue Department, in December 1891.

Tour of Inspection by the Member in Charge.

2. During the year Sir H. L. Harrison made a tour of inspection in the two Agencies, and submitted to Government some valuable suggestions on several important questions, viz., the more economical working of the saw-mills at Patna, the reversion to mangowood for packing the Bihar provision opium, the increase to the rack accommodation at the Ghazipore Factory, and the increase in the standard of caking Benares opium. In regard to the first question, Government has already, with a view to keeping down the cost as much as is compatible with actual requirements, on the recommendation of

Working of the saw-mills.

the Board, sanctioned the proposal that the mills should be worked for only five days in the week, and should be entirely closed for one month at the end of the manufacturing year (October), and for the three months during which the manufacture of provision opium is carried on. It is expected that these economies will reduce the annual expenditure on the saw-mills to reasonable limits. The substitution of mangowood for sâlwood affords a promising source of economy in the manufacture of chests. The cost of sâl timber per chest being Re. 1-8 per cubic foot, and of mangowood only Re. 0-8 per cubic foot, the substitution of the latter for the former would result in a saving of two-thirds of the cost of sâl timber, which amounted in the year of report to Rs. 1,22,564. The use of mangowood for the manufacture of opium chests was abandoned in 1831, on the ground that mangowood was becoming scarce. The Lieutenant-Governor would be glad to revert to this class of wood if it is found that there is no danger of denuding the country, but it should not be forgotten that there is already a heavy demand for the felling of mango trees caused by the manufacture of all indigo chests out of this wood. Taking the produce of indigo at 60,000 maunds for North Bihar alone, the number of chests required would amount roughly to 20,000. If to this consumption is added the quantity required for 25,000 chests of opium, the consequences to the mango groves of Bihar might be serious, unless the reproduction of the trees is steadily maintained.

Manufacture of mangowood chests.

3. Sir Charles Elliott notes with satisfaction that the question of rack accommodation is under the careful consideration of the Board. The practice of storing unpacked cakes on racks at the factories has been proved by experience to be useful in preserving the weight and condition of the cakes, but it entails a cost for labour in handling, computed at Rs. 6-14 per chest, which does not, in the opinion of the Agents, give a commensurate return. The Board think, however, that it should be continued to the fullest extent possible at each factory. The Lieutenant-Governor considers that, while the practice may be continued, there is no occasion at present to pursue the question of increasing the rack accommodation in the factories, as the present low reserve renders the existing rack accommodation sufficient for all purposes.

Rack accommodation.

4. In regard to raising the consistence of Benares opium, orders have been passed that the Benares provision should in future be caked at a consistence of 71 per cent. instead of 70 per cent., which was formerly recognised as the standard consistence, though, as a matter of fact, the cakes were in many cases prepared at a consistence of 71 per cent. or over.

Consistence of the Benares provision opium.

5. The outturn during the season 1890-91 was only 44,522 chests against 44,760 chests in the preceding year, and against the latest estimate of 49,904 chests referred to in the Resolution on the Board's Opium Report for 1889-90. Notwithstanding an increase of 9,728 bighas in the land actually cultivated in the Bihar Agency, and of 20,929 bighas in Benares, there was a falling off of 4,422 maunds in the outturn of the season in the former and of 8,347 maunds in the latter as compared with the season 1889-90. These results are directly attributable to unseasonable rain accompanied in several districts by severe hailstorms in both Agencies during the months of February and March, which did considerable damage to the crop, while the damp and heavy weather reduced abnormally the consistence of the opium brought in by the cultivators so as to render 8,695 maunds of opium unfit for caking into provision opium. It appears that it was by the use of 3,000 maunds of Benares opium at Patna for the excise opium and with the help of a previous stock of provision opium at the Bihar Agency of high consistency that the number of provision chests could be raised to the figures eventually attained at Patna. The Board do not mention details of the stock, thus making it appear in paragraph 4 of their report that a diminished supply of opium gave an increased number of chests, nor is the matter cleared up in the Bihar Agent's report. As a result of this exceptionally poor outturn, the reserve of provision chests, after providing for the supply for the year 1892, will be reduced from 18,770 chests on the 31st December 1891 to 9,292 chests on the 31st December 1892.

Outturn.

6. The low reserve has naturally given rise to apprehensions whether, regard being had to the fact that the demand is practically fixed, the existing area under poppy cultivation is sufficient to meet it. As, however, it has been considered inexpedient to increase the area under cultivation, no measures have been taken with a view to secure its expansion. In the Bihar Agency it is reported that the orders of Government reducing the area of cultivation, coupled with three successive bad seasons, have had the effect of discouraging opium cultivation. "An idea has got about," it is said, "that Government do not want opium, and many raiyats, especially those near big towns, have found out that potatoes, tobacco, &c., are as profitable as poppy. When a cultivator has once severed his connection with the department, and has begun to take advances from mahajans in another line of business, it is difficult to get him back." In the Benares Agency, on the other hand, it is reported that "in Oudh and in parts of Rohilkund nothing is more disappointing to a cultivator than an order for curtailment of cultivation. So popular indeed is poppy cultivation in these parts that raiyats from the remote districts of Bahraich, Gonda, Rai Bareili, and Pertabgarh come down to Ghazipore to appeal in person to the Agent against the orders of the District Officers reducing the cultivation." In some divisions of the Benares Agency successive bad seasons have to a certain extent discouraged the cultivators, but it is believed that a favourable season will restore the popularity of poppy cultivation in these parts. The earnings of a cultivator in the Benares Agency during the year under report, which was of an exceptionally unfavourable character, were on the average Rs. 13-9-6 against Rs. 17-1-9 (free, of course, from the inevitable encumbrance of mahajan's interest) during the previous year. The earnings of a cultivator in the Bihar Agency are not stated in the Agent's report, but the consistency of Bihar opium, and hence the price paid for it being higher, the earnings of a cultivator in the Bihar Agency ought to be higher. The total number of cultivators in the two Agencies was 1,306,741. The Opium Commission of 1883 observed that—

Extension of cultivation.

"The poppy crop is a staff and not a crutch; it helps the raiyat to pay his way, but does not form his sole dependence; it seldom occupies more than one-tenth of his holding; it yields him a good profit in a prosperous year, but its failure does not reduce him to absolute penury."

The idea that Government contemplate the cessation of opium manufacture, referred to above, is one that is detrimental alike to the interests of the cultivators and others concerned in the opium trade, and it is to be regretted that unfounded rumours should have obtained any credence. The question of increasing or decreasing the area under cultivation requires special consideration in accordance with all the circumstances affecting its solution. The maintenance of the supply and of the reserve at the normal amounts has to be regarded on the one hand, whereas on the other the objections to the appearance of an oscillation of policy and to the consequent disturbance of agricultural anticipations are patent. The variableness of the seasons and the outturns is the inconstant factor in the problem which necessitates its periodical revision. If the produce of the crop now being gathered is insufficient to restore the reserve to some extent, if not to the normal amount of 30,000 chests, it will be for the Board to consider whether an increase of cultivation should not be aimed at in the autumnal settlements.

7. During the season under report the weighments commenced too soon after the produce had been saturated by rain, the result being a deterioration of the value of the drug on account of lower consistency, and consequent disappointment to the cultivators. It was recognised that the quality of the produce would have improved by delay, and weighments were postponed as much as possible, but the dates for weighments having already been advertised, they could not be very materially altered without great inconvenience to the raiyats.

Weighments.

8. The Bihar Agent visited every division in his Agency once, and in some cases twice, being altogether out on tour for 100 days. The number of days spent by the Benares Agent on tour is not given; but out of 16 divisions he visited 11. The position of the head-quarters, Ghazipore, at the extreme southern end of the provinces

Agents' Tour.

is said to be an obstacle to his visiting every division during the year, but the Lieutenant-Governor hopes that the Agent will arrange to see something of every division during the year. The Sub-Deputies in the Bihar Agency appear to have been in camp for periods varying from 91 days in Motihari (where the shortness of the period is accounted for by the illness and subsequent death of Mr. Carter, the Sub-Deputy Opium Agent) to 129 days in Bettiah and Shahabad. The Benares Agent has made no reference to this matter in his report.

Total quantity of opium received in the Agencies.

9. The total quantity of opium received in the Bihar Agency of various degrees of consistency was 37,452 maunds against 40,003 maunds in the previous year: in the Benares Agency the quantity of opium received reduced to the standard consistence of 70° was 44,373 maunds against 52,720 maunds in the previous year. The number of chests of provision opium manufactured in the Bihar Agency was 21,834 chests, and in the Benares Agency 22,688 chests. The quantity of excise opium manufactured was 2,808 maunds in the Bihar Agency and 5,416 maunds in the Benares Agency. The total expenditure in the Bihar Agency amounted to Rs. 88,19,349 against Rs. 94,73,579 in the preceding year; and in the Benares Agency Rs. 1,02,28,196 against Rs. 1,18,95,140, this decrease in both the Agencies being due to diminished produce.

Opium Manual.

10. The Board report that, owing to the delay which has unavoidably been incurred in issuing the new Opium Manual, they are not in a position to comply with the orders of the Government of India by submitting a review of the expenditure incurred in the season under report, based on the statements which are prepared for the Agents and the Board and certified by the Accountant-General. It was found impracticable to lay down a common Opium Manual for both the Agencies. Accordingly, with the sanction of Government, it was decided that, while Part I of the Manual containing the opium laws and rules should be common to both the Agencies, Parts II, III, and IV containing the rules and forms should be distinct for each. Part I for both the Agencies and Parts II, III, and IV for the Benares Agency have been completed. Part II for the Bihar Agency is also nearly ready for publication, and the Board promise to lose no time in completing this and the remaining parts.

Outstanding balances.

11. The Lieutenant-Governor concurs with Mr. Kemble in his view that all requests for loans made by poppy cultivators should be granted whenever sufficient security can be obtained for the repayment of the advance. The balances on account of advances to cultivators are heavy, being Rs. 55,674 in the Bihar Agency, the greater part of which amount appertains to the Gya Sub-Agency, where hail proved specially destructive to the crops, and Rs. 47,853 in the Benares Agency. The early recovery of these advances is doubtful, as the prospects of the present season do not appear to be favourable, especially in the unirrigated area.

Irrigation.

12. There is an improvement in the extent of irrigated cultivation in the Bihar Agency, but this improvement is mainly due to new cultivation, and not to existing non-irrigated poppy cultivation being brought under irrigation. In the Benares Agency, out of a total cultivation of 394,791 bighas, only 8,533 bighas are unirrigated, of which 7,001 bighas are, as usual, confined to the Gorakhpore Sub-Agency. In the Bihar Agency, out of a total cultivation of 407,960 bighas, 81,678 bighas are unirrigated against 84,628 bighas in the preceding year.

Wells.

13. The amount advanced for wells in the Bihar Agency was Rs. 24,355 against Rs. 18,420 in the year previous, showing an increase of Rs. 5,935. With these advances, 263 pucca and 306 kutcha wells were constructed, against 237 pucca and an equal number of kutcha wells in 1889-90: 208 pucca and 5 kutcha wells were repaired, and 23 pucca wells are reported to be under construction. The largest amount, viz. Rs. 9,532, was advanced in the Chapra Sub-Agency, the next in order being Tirhut and Aliganj. In reference to Chapra, Mr. Kemble is inclined to think, considering the small area under poppy cultivation in this district, that other crops derive more benefit than poppy does from the advances given by the Opium Department. Mr. Kemble, however, adds:—

"By encouraging irrigation we prevent our cultivation from decreasing more than it otherwise would; and as the wells are a decided benefit to the country, I think that all requests for loans made by poppy cultivators should be granted whenever sufficient security can be obtained for the repayment of the advance."

The Lieutenant-Governor fully endorses the above view.

Breaches of Opium Laws.

14. There was an increase in the number of cases instituted as well as in the percentage of convictions and in the amount of rewards paid to informers for offences against the opium laws in the Lower Provinces: in the North-Western Provinces and Oudh, however, while there was an increase in the number of institutions, the percentage of convictions fell off from 84·67 in the preceding year to 82·28; and there was a decrease in the amount of rewards disbursed to informers. The Junior Member of the Board of Revenue, North-Western Provinces, dwelling on the unsatisfactory results of opium cases in the North-Western Provinces, suggests, in the review of the Excise Commissioner's report for the year ending 30th September, 1890, that "the best means for ensuring the prompt and free distribution of rewards, where possible, is probably the judicious selection of the officers by whom the trial of Excise and Opium cases is entrusted, and the careful supervision of their work in this respect by the District Officer." In the Benares Agency the Board note with satisfaction that the question of opium smuggling receives careful attention from the officers of the Department. The Benares Agent says:—

"Each case is separately reported to this office by the local opium officer, who explains the departmental action taken, and reports whether an officer of the Department has attended the trial to watch the cost on the part of the Agency. An endeavour is made to trace the source of supply, and when a cultivator is implicated, the details of the whole license are submitted to this office, and orders issued prohibiting cultivation by the offender and his relations, or discontinuing the cultivation in the whole village."

The Board regret to find that in the Bihar Agency the same active interest is not evinced by the officers of the Department. Sir Charles Elliott desires that the Bihar Agent may be directed to impress on his subordinate officers the importance of the subject and the necessity for the most careful attention to it.

Nepal opium.

15. Orders have already been issued by Government on the question referred to in pararaph 23 of the Board's report of modifying the existing system under which payment is made for Nepal opium.

Merits of Officers.

16. The good service rendered by Messrs. Tytler, Masters, and Harrison among the Sub-Deputy Opium Agents has been brought to the notice of the Board and is acknowledged by Government. Dr. Owen and Mr. Gregory acquitted themselves with ability of their responsible duties in charge of the Factories. To the Opium Agents, Mr. Rivett-Carnac and Mr. Kemble, as well as to the Board, the thanks of the Lieutenant-Governor are due for the continued success which has attended their efficient administration and supervision of the Opium Department throughout the year.

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,

Secretary to the Government of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 5th March 1892.

Division	No.	District and date of return.		Rainfall at Sadar stations in inches.	Character of the weather and state and prospects of the crops.
BENGAL.					
Burdwan Divn.	1	Burdwan	Mar. 5, '92	Nil	Weather—getting warm. *Rabi* crops being harvested. Prices slightly rising. Common rice selling at— Srs. Sadar ... ... 13 per rupee. Kalna ... ... 12½ per rupee. Katwa ... ... 13¼ per rupee. Raniganj ... ... 14 per rupee.
		Kalna	...	Nil	
		Katwa	...	0·03	
		Raniganj	...	Nil	
	2	Bankura	„ 5, '92	Nil	Weather—rather cool for the season owing to a strong westerly wind. Sky still cloudy. Harvesting of *rabi* continues. Pressing of sugarcane is in full swing. Condition of cattle fair. Supply of fodder and water hardly sufficient. Common rice selling at 15⅛ seers per rupee at Bankura and 16¾ seers at Vishnupur.
	3	Birbhum	„ 5, '92	Nil	Weather—growing very warm. *Rabi* crops not good, but they are quite insignificant in this district. Fodder and water plentiful. Cattle are in normal condition. Price of common rice 14 to 17 seers per rupee.
		Rampur Hât	...	Nil	
	4	Midnapur	„ 5, '92	Nil	Weather—windy and getting hot. Prospect of *rabi* fair. Rain wanted almost everywhere. Indigo doing well. Prices of common rice:— Srs. Sadar ... ... 14 per rupee. Contai ... ... 16 per rupee. Tamluk ... ... 12¾ per rupee. Ghatál ... ... 12 / 14¼ per rupee.
	5	Hooghly	„ 5, '92	Nil	Weather—seasonable. Yield of sugarcane and potato crops good. Sugarcane cuttings for next year are being planted. No difficulty in obtaining fodder and water-supply. Prices of common rice:— Srs. Sadar ... ... 11 per rupee. Serampore ... ... 12 per rupee. Jahanabad ... ... 15 per rupee. Pulses have risen in price.
		Serampore	...	Nil	
		Jahanabad	...	Nil	
	6	Howrah	„ 5, '92	Nil	Weather—seasonable. *Rabi* crop deficient owing to drought. Sugarcane being pressed. Price of common rice 12¼ to 13 seers per rupee. Fodder and water-supply short. Health of cattle satisfactory.
		Ulubaria	...	Nil	
Presidency Divn.	7	24-Parganas	„ 8, '92	Nil	Weather—seasonable. *Rabi* prospects not good. Rain much wanted. Pressing of sugarcane continues. Supply of fodder and water sufficient. Prices stationary.
	8	Nadia	„ 5, '92	Nil	Weather—very variable. Prospects of *rabi* crops continue bad. Common rice selling at 12 seers to 13 seers 14 chitaks per rupee. Condition of cattle good, and supply of fodder and water sufficient.
		Kushtia	...	Nil	
		Meherpur	...	0·07	
		Chuadanga	...	0·04	
		Ranaghat	...	0·02	
	9	Khulna	„ 5, '92	Nil	Weather—rather hot in the day-time. Want of rain is felt for *boro* paddy over the whole district. Harvesting of *áman* complete; outturn 10 to 14 annas. Fodder and water sufficient except in some villages in Mollahat. Common rice selling at 13 to 15 seers per rupee.
		Bágerhat	...	Nil	
		Satkhira	...	Nil	
	10	Jessore	„ 5, '92	Nil	Weather—mornings and evenings cool, days hot. Rain badly wanted for tillage. Fodder and water-supply sufficient.
		Jhenida	...	0·07	
		Magura	...	0·02	
		Narail	...	Nil	
		Bangaon	...	Nil	
	11	Murshidabad	„ 7, '92	Nil	Weather—seasonable. Harvesting of mustard going on. Prospects of *rabi* crops not favourable. No want of fodder or water for cattle. Coarse rice sells at 13½ seers per rupee.
Chittagong Divn.	12	Chittagong	„ 5, '92	Nil	Weather—becoming warmer; nights cool and sometimes cloudy. Rain badly wanted for vegetable crops. Prices rising. Condition of cattle generally good. Supply of fodder sufficient.
	13	Noakhali	„ 5, '92	0·29	Weather—cool with occasional clouds and slight drizzle. Condition of *rabi* crops bad owing to continued drought. Common rice selling at 18 seers 11 chitaks per rupee in Sadar and 15¼ seers in Fenny. Supply of fodder and water sufficient except in some parts of Fenny
	14	Tippera	„ 5, '92	Nil	Weather—cloudy and fairly cool for this time of year. *Boro* pddy thriving. Winter crops being harvested. Rain at Chandpur has improved prospects of *rabi* crops. Prices stationary.
	15	Chittagong Hill Tracts.	„ 3, '92	Nil	Weather—cool from evening to morning and hot during midday. Gathering of chillies, garlics, onions and *dals* commenced. *Mustard*, sesamum (*til*), cotton and vegetables being sold in the market. *Jum* cutting continues. Fields are being ploughed for next rice crop and sugarcane plantation. Transplanting of sugarcane also being commenced in some places. Cattle-disease continues. Common rice being sold at 11 seers and 9 chitaks a rupee.

No.	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—*concld.*				
DACCA DIVN.				
16	Dacca	Mar. 5, '92	0·10	Weather—seasonable. Mustard being gathered. *China*, *kaon*, and *boro* paddy generally thriving, but rain wanted. Ploughing of land for early rice going on. Sowing commenced. Fodder available. Common rice selling at from 12 to 16 seers per rupee. Condition of cattle generally good.
17	Faridpur	„ 5, '92	0·78	Weather—seasonable. State of standing crops fair, but slightly damaged by hailstorm of yesterday (4th). *Boro* and *jali* paddy doing well. Lands are being cultivated for sowing *aus* paddy and jute. Rice selling at 13, 13, and 15 seers per rupee at Sadar, Goalundo, and Madaripur respectively. No cattle-disease. Fodder available.
18	Backergunge	„ 5, '92	0·53	Weather—seasonable. State and prospects of crops fair. Ordinary rice selling at from 10 to 13½ seers per rupee. Supply of fodder and water sufficient.
19	Mymensingh	„ 5, '92	Nil	Weather—nights seasonably cool, but days growing hotter every day. Prospect of standing crops not very good. Rain wanted. Common rice sells at from 12½ to 17 seers per rupee. Condition of cattle good. Supply of water and fodder sufficient on the whole.
RAJSHAHYE DIVN.				
20	Dinajpur	„ 5, '92	Nil	Weather—getting hot. Pressing of sugarcane almost over. Outturn of mustard reported to be 12 annas, taking 16 annas to represent the average outturn. Rain badly wanted. Price of rice both at Sadar and Thakurgaon stationary. Condition of cattle fair. Supply of fodder fair, of drinking water sufficient.
	Thakurgaon	...	Nil	
21	Rajshahi	„ 5, '92	Nil	Weather—days getting warmer with strong westerly wind during the latter part of the week. Lands are being prepared for sowing of *aus*, *âman* and jute; but in low lands, sowing of *aus* and *til* going on. Rain urgently wanted. No cattle-disease reported. Water and fodder-supply sufficient. Price of rice from 11 to 15 seers per rupee.
	Nator	..	Nil	
	Nowgong	...	Nil	
22	Rangpur	„ 5, '92	Nil	Weather—clear with west winds. *Aus* rice is being sown and is germinating fairly. Rain wanted for the higher soils. *Rabi* crops and tobacco require rain, but prospects continue fair. Price of rice stationary at 12 seers per rupee. Fodder and water-supply sufficient.
	Gaibanda	...	Nil	
	Nilphamari	...	Nil	
	Kurigaon	...	Nil	
23	Bogra	„ 5, '92	Nil	Weather—generally fine and dry, with high westerly winds; occasionally cloudy with signs of rain. State and prospects of the few standing crops fair, but rain is rather urgently needed for them, and especially for helping the ploughing for *aus* rice, jute, &c., and for the grass. Scarcity of water is reported from the Adamdighi thâna in the south-west; elsewhere water, and in all places fodder, are sufficient. About half of the land usually occupied with sugarcane has been planted for next year. Common rice is selling at an average of 13 seers a rupee.
	Sherpur	...	Nil	
	Naukhilla	...	Nil	
24	Pabna	„ 5, '92	Nil	Weather—again fresh and cold after a day's spell of great heat. Standing crops suffering for want of rain. Tobacco yielding 12 annas. Fodder and water sufficient. Rice 13 seers per rupee.
25	Darjeeling	„ 5, '92	Nil	Weather—fair. Ploughing for *kauni*, *bhadoi* paddy and jute going on. Wheat and barley are ripe. *Tori* (mustard) is being cut. Indian-corn is being sown. Water sufficient. No disease among cattle.
26	Jalpaiguri	„ 5, '92	Nil	Weather—days getting hot, nights still cool. Occasional west wind during the day. Land is still being ploughed for *bhadoi*. Rain is wanted. Common rice selling at from 8 to 10 seers per rupee. No cattle-disease and no scarcity of fodder or water reported.
BEHAR.				
BHAGULPORE DIVN.				
27	Monghyr	„ 5, '92	Nil	Weather—warm by day with west wind. *Rabi* harvest begun. Ploughing going on. Indigo nearly all sown. Sugarcane nearly all cut. Linseed doing well. Common rice selling at 12 to 13 seers per rupee. Condition of cattle good. Supply of fodder sufficient. Water falling short in places.
	Begusarai	...	Nil	
	Jamui	...	Nil	
28	Bhágalpur	„ 5, '92	Nil	West wind prevailing; weather still fairly cool. Linseed being harvested with a 4-annas outturn. Tobacco and *rahar* are the only decent *rabi* crops. Wheat light even on diáras. Ploughing progressing. Mango blossoms abundant. Cattle healthy; fodder sufficient, but water getting low in north. Prices slowly rising at Sadar, steady in the north.
29	Purnea	„ 5, '92	Nil	Strong west winds again blowing. Tobacco being cut. Sugarcane pressing continues. Dry winds are bad for the *rabi* still on the ground. No cattle-disease or great want of water. Prices of common rice:— Srs. Sadar ... ... 11 to 13 } Kishanganj ... ... 10 } per rupee. Araria ... ... 13 }
	Kishanganj	....	Nil	
	Araria	...	Nil	
30	Malda	„ 5, '92	Nil	Weather—getting warm with fresh west wind since yesterday (4th). *Rabi* crops coming into maturity. Prospects continue favourable. Transplantation of *boro* paddy almost completed. Supply of fodder and water satisfactory. No cattle-disease. Common rice sells at from 11 to 13½ seers a rupee.
	Chanchal	...	Nil	
	Shibganj	...	Nil	
	Gajol	...	Nil	
31	Sonthal Parganas	„ 5, '92	Nil	Weather—warm in the day with occasional light west winds, cold at night. Very little change to report. Mango and *mahua* crops promise well. Wheat harvest begun. Prices not lower.

No.	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BEHAR—*concld.*				
Patna Division.				
32	Patna	Mar. 5, '92	Nil	Weather—getting warmer with strong west winds. *Rabi* is being generally harvested. Opium collection in progress. Prices of food-grains almost stationary. Common rice selling at from 12 to 14 seers per rupee.
33	Gaya Jahanabad Aurungabad Nawáda	,, 5, '92	Nil Nil Nil Nil	Weather—fair and the cold season disappearing gradually. Harvesting of *rabi* going on. Extraction of opium continues. Prices of food-grains almost stationary. Supply of fodder and water sufficient.
34	Shahabad Buxar Bhabhua Sasarám	,, 5, '92	Nil Nil Nil Nil	Weather—very cool with high westerly wind. Sugarcane is being cut and pressed. New cane is germinating well. Pulses, oil-seeds and cereals are being harvested. Results are generally satisfactory. Prospect of opium crop good, though not so good as before the hailstorm of 14th February. Fodder and water abundant.
35	Darbhanga	,, 5, '92	Nil	Strong westerly winds prevailed. Weather cooler than last week. Harvesting of *rabi* going on. Cutting of sugarcane finished. Prospect of mango exceptionally good if rain holds off. *Rabi* outturn poor in the northern and western parts of district. Fodder and water becoming scarce in places. Many tanks dry. Paddy sowing backward.
36	Muzaffarpur Sitamarhi	,, 5, '92 ...	Nil Nil	Weather—fine and settled. *Rabi* harvest commenced. Prospects unchanged. Prices steady. No signs of distress as yet.
37	Saran	,, 5, '92	Nil	Weather—fine and seasonable. Strong cold west winds. *Rabi* will be a 10 to 11-annas crop all round. *Rahar* very good. Wind has damaged the poppy a good deal. Prices of common rice :— Srs. Ch. Chapra ... ... 12 5 per rupee. Siwan ... ... 13 0 per rupee. Gopalganj ... ... 14 0 per rupee.
38	Champaran	,, 5, '92	Nil	Weather—days hot, nights cool. High west wind during the day. *Rabi* ripening and in some places it is being reaped. Collection of opium commenced. No distress as yet. Prices of food-grains unchanged. Fodder-supply plentiful.
ORISSA.				
Orissa Divn.				
39	Cuttack	,, 5, '92	Nil	Weather—seasonable. Drizzling rain last night (4th). Threshing of *guru sarad* rice completed. *Dalua* rice, tobacco and cotton growing well. Common rice sells at from 10½ to 19 seers per rupee. Condition of cattle good. Fodder-supply sufficient.
40	Puri	,, 3, '92	Nil	Weather—seasonable. Lands are being ploughed in places for next *sarad* crop. *Dalua* paddy growing well. Miscellaneous crops thriving. Common rice selling at from 12½ to 18 seers per rupee.
41	Balasore	,, 5, '92	Nil	Weather—getting warmer. Paddy is being threshed. Rain much wanted for ploughing. Common rice sells at 16 seers per rupee at Balasore and 18 seers at Bhadrak.
CHOTA NAGPORE.				
South-West Frontier Agency.				
Chota Nagpore Divn.				
42	Házáribagh Giridih	Mar. 5, '92 ...	Nil Nil	Weather—seasonable. *Rabi* crops generally poor. Poppy doing well. Prospect of mango and *mahua* very good. Fodder and water sufficient except in places. Common rice selling at from 12 to 14 seers per rupee.
43	Lohardaga	,, 5, '92	0·12	Weather—getting hot. Ploughing continues. Prospect of mango favourable. Common rice selling at 13 seers per rupee. Fodder and water sufficient.
44	Palámau ...	...	...	Report not received.
45	Singhbhum	,, 5, '92	Nil	Weather—seasonable, getting hot. *Rahar*, gram, *tisi*, cotton, sugarcane, wheat, *khesari*, and *masuri* being harvested; 10 to 14 annas outturn expected. Price of rice stationary. Water and fodder plentiful.
46	Manbhum Gobindpur	,, 5, '92 ...	Nil Nil	Weather—days warm, nights cool. Occasional strong winds with clouds. Sugarcane being pressed; outturn expected to be 13 annas. Rice selling at 15 seers per rupee. Fodder and water-supply becoming scarce.

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 8th March, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

STOCK IN HAND AS COMPILED ON—

NAMES OF MARTS.	1st week of March 1891.	1st week of April 1891.	1st week of May 1891.	1st week of June 1891.	1st week of July 1891.	1st week of August 1891.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Baliaghatta	7,21,000	10,86,500	13,19,000	9,74,000	7,19,000	4,52,000
Ooltadanga	65,200	55,900	63,100	59,600	61,100	65,800
Chitpúr, Golabaree, Coomertooly, Hatkhola, and Culpy Ghât.	6,00,800	5,67,200	5,17,400	4,82,400	4,63,4[illegible]0	4,87,200
Pathariaghatta, Posta, and Jorabagan.	5,000	4,200	3,000	2,000	3,700	3,000
Tallygunge, Chitlah, Kidderpore, and Munshiganj.	1,34,400	1,16,300	1,25,200	1,14,800	1,06,900	98,900
21 Minor bazars (estimated) ...	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 3,129 in number (estimated).	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Boidyabatty, Nowabganj, Bhuddreswar, and Chandernagore.	24,438	43,462	41,125	30,750	32,750	32,250
Total ...	20,40,838	23,63,562	25,58,825	21,53,550	18,81,850	16,29,150
On Railway premises on both sides of the river.	36,618 (on 3rd March 1891.)	29,642 (on 3rd April 1891.)	8,221 (on 3rd May 1891.)	5,028 (on 3rd June 1891.)	17,767 (on 3rd July 1891.)	10,179 (on 3rd August 1891.)
On boats unloaded ... By Port Commissioners' returns.	65,914 (1st to 3rd March 1891.)	44,562 (1st to 3rd April 1891.)	35,578 (1st to 4th May 1891.)	17,251 (1st to 3rd June 1891.)	28,097 (1st to 3rd July 1891.)	17,174 (1st to 3rd August 1891.)
On boats unloaded ... By Canal returns	1,08,494 (1st to 3rd March 1891.)	1,51,412 (1st to 3rd April 1891.)	13,039 (1st to 4th May 1891.)	25,741 (1st to 3rd June 1891.)	41,597 (1st to 3rd July 1891.)	24,697 (1st to 3rd August 1891.)
Grand total of Stocks ...	22,51,864	25,88,478	26,15,728	22,02,470	19,69,311	16,81,200
Probable stock available for exportation by sea.	12 lakhs	15¼ lakhs	15⅝ lakhs	11⅜ lakhs	9¼ lakhs	6½ lakhs

NAMES OF MARTS.	1st week of Sept. 1891.	1st week of Oct. 1891.	1st week of Nov. 1891.	1st week of Dec. 1891.	1st week of Jan. 1892.	1st week of Feb. 1892.	1st week of March 1892.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Baliaghatta	4,58,500	4,26,700	4,45,000	4,01,000	3,68,200	7,99,060	11,29,000
Ooltadanga	72,100	66,200	65,000	61,100	55,900	68,500	75,500
Chitpúr, Golabaree, Coomertooly, Hatkhola, and Culpy Ghât.	5,06,700	5,26,000	5,04,600	4,74,300	6,29,500	6,17,700	8,41,400
Pathariaghatta, Posta, and Jorabagan.	2,500	3,000	4,000	3,000	2,500	2,000	3,000
Tallygunge, Chitlah, Kidderpore, and Munshiganj.	90,459	85,750	91,200	82,100	1,23,600	1,04,500	1,55,900
21 Minor bazars (estimated) ...	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 3,129 in number (estimated).	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Boidyabatty, Nowabganj, Bhuddreswar, and Chandernagore.	38,051	32,250	33,125	25,062	27,135	18,838	31,250
Total ...	16,58,301	16,29,900	16,37,925	15,36,562	16,99,635	21,00,638	27,26,050
On Railway premises on both sides of the river.	17,473 (on 3rd Sept. 1891.)	41,511 (on 3rd Oct. 1891.)	13,019 (on 3rd Nov. 1891.)	21,740 (on 3rd Dec 1891.)	66,689 (on 3rd Jan. 1892.)	44,775 (on 3rd Feb. 1892.)	41,862 (on 3rd March 1892.)
On boats unloaded ... By Port Commissioners' returns.	57,778 (1st to 3rd Sept. 1891.)	41,755 (1st to 3rd Oct. 1891.)	33,595 (3rd to 5th Nov. 1891.)	53,688 (1st to 3rd Dec. 1891.)	84,951 (2nd to 4th Jan. 1892.)	63,215 (1st to 3rd Feb. 1892.)	53,460 (1st to 3rd March 1892.)
On boats unloaded ... By Canal returns	79,813 (1st to 3rd Sept. 1891.)	80,950 (1st to 3rd Oct. 1891.)	28,531 (3rd to 5th Nov. 1891.)	34,490 (1st to 3rd Dec. 1891.)	1,22,177 (2nd to 4th Jan. 1892.)	1,90,718 (1st to 3rd Feb. 1892.)	96,456 (1st to 3rd March 1892.)
Grand total of Stocks ...	18,13,363	17,94,116	17,13,070	16,46,480	19,73,652	23,99,346	29,17,828
Probable stock available for exportation by sea.	7¼ lakhs	7¼ lakhs	6¾ lakhs	6 lakhs	9¼ lakhs	13¾ lakhs	18½ lakhs.

STATISTICAL DEPARTMENT,
The 7th March, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the

QUANTITIES PER RUPEE IN

Number.	DISTRICTS	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Jowar or Cholum. (*Sorghum Vulgare.*) Present return.	Jowar or Cholum. Next preceding return.	Jowar or Cholum. Corresponding return of last year.
	BENGAL.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
	BURDWAN DIVISION.															
1	Burdwan	11 8	11 8	11 8	...	...	...	11 10	11 10	15 0	13 14	13 14	17 13	...	...	...
2	Bankura	11 4	11 8	13 0	16 0	16 0	16 0	12 8	12 8	18 0	15 10	16 0	20 0	...	...	...
3	Birbhum	12 8	12 8	16 0	...	...	...	13 0	13 [illegible]	13 8	15 0	15 0	18 0	...	...	...
4	Midnapore	11 0	11 0	10 8	...	...	...	11 0	12 0	12 8	14 0	14 0	15 0	...	...	...
5	Hooghly	13 0	13 0	13 0	...	...	...	8 0	8 0	8 0	13 0	13 0	14 0	...	...	...
6	Howrah	...	...	...	...	...	...	10 0	10 0	11 0	12 8	13 0	15 4	...	...	...
	PRESIDENCY DIVISION.															
	Calcutta	11 3	11 13	11 6	17 3	17 3	8 0	18 1	8 3	9 13	11 9	11 14	14 10	15 14	15 5	16 9
7	24-Parganas	10 8	10 0	10 0	16 0	18 0	16 0	8 0	8 0	8 0	13 0	13 8	16 0	...	...	...
8	Nadia	12 1	12 3	12 13	22 14	22 14	...	10 10½	10 13½	13 5	11 13½	12 13	15 4	...	...	...
9	Khulna	...	...	...	...	...	...	13 5	12 3	14 0	16 0	14 8	16 0	...	...	...
10	Jessore	10 0	10 0	12 0	...	...	...	12 0	13 0	13 0	14 8	15 0	16 0	...	...	...
11	Murshidabad	12 0	12 0	10 0	...	...	...	10 0	10 0	12 0	13 8	14 0	16 0	...	...	...
	CHITTAGONG DIVISION.															
12	Chittagong	10 0	10 0	12 0	...	...	...	10 0	10 0	12 0	13 0	13 0	16 13½	...	...	...
13	Noakhali	...	...	...	...	...	...	12 0	12 0	16 0	13 0	13 0	17 0	...	...	...
14	Tippera	10 0	10 0	11 10	...	...	...	10 0	10 0	11 7	13 5½	13 5½	17 8	...	...	...
15	Chittagong Hill Tracts.	...	...	...	...	...	...	10 0	10 0	11 6¾	11 3¼	11 6¾	13 5¼	...	...	...
	DACCA DIVISION.															
16	Dacca	11 0	10 8	12 0	25 0	24 0	14 0	12 0	12 0	15 0	14 0	13 0	17 0	...	...	...
17	Faridpur	12 0	12 0	12 8	16 0	18 0	16 0	10 0	10 0	12 0	16 0	14 0	16 0	...	...	...
18	Backergunge	...	...	...	...	...	...	11 4	11 4	13 14	12 12	12 12	16 4	...	...	...
19	Mymensingh	9 0	9 0	10 0	...	...	...	11 0	11 0	11 4	14 0	14 2	16 0	...	...	...
	RAJSHAHI DIVISION.															
20	Dinajpur	11 2	10 8	12 0	18 0	17 8	13 8	9 9	9 9	15 8	12 0	13 8	18 0	...	...	...
21	Rajshahi	12 0	9 12	15 0	2[illegible] 4	26 4	26 4	10 8	11 4	13 8	12 0	12 0	15 15	...	...	...
22	Rangpur	9 0	9 0	13 0	...	...	...	9 0	9 0	9 6	10 10	10 10	14 8	...	...	...

A In subdivisions retail prices of salt per rupee are :—Kalna 10 seers, Katwa 12 seers, and Raniganj 10 seers.
B At Vishnupur retail price of salt, 10 seers per rupee.
C At Rampur Hât retail price of salt, 10½ seers per rupee.
C1 In subdivisions retail prices of salt per rupee are :—Contai 10 seers, Tamluk 10½ seers, and Ghatál 11 seers.
D In subdivisions retail prices of salt per rupee are :—Serampore (at Bhudressur) 12½ seers and Jahánabad 11 seers 7 chitaks.
E At Uluberia retail price of salt, 10½ seers per rupee.
F In subdivisions retail prices of salt per rupee are :—Barasat 10 seers 10 chitaks, Basirhat (Baduria) 10½ seers, Diamond Harbour (Magrahat) 10 seers 10 chitaks, and Dum-Dum 10 seers.
G In subdivisions retail prices of salt per rupee are :—Kushtia 10½ seers, Meherpur 9½ seers, Chuadanga 10 seers, and Ranaghat 10½ seers.
H In subdivisions retail prices of salt per rupee are :—Satkhira 10½ seers and Bágerhat 8 seers.
I In subdivisions retail prices of salt per rupee are :—Jhenidah 10 seers, Magura 10 seers, Narail 9 seers 10 chitaks, and Bangaon 10½ seers.

SEERS OF 80 TOLAHS.

Bajra or Cumbu. (Pennisetum typhoideum.)			Marua or Ragi. (Eleusine Coracana.)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return	Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	...	...	...
...	...	...	...	...	..
...	...	...	...	...	...
...	..	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
13 14	15 2	11 4	...	...	...
...	...	...	...	...	..
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...	...	...	...	...	...
...	..	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...

Districts of Bengal on the 29th February, 1892.

[F]irewood.		Salt.			Wholesale prices per maund of 40 seers. Salt.			Districts.	Number.
Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.		
Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. a. p.	Rs. a. p.	Rs. a. p.		
								BENGAL.	
00 0	100 0	A 11 4	11 4	10 11	3 6 8	3 6 8	3 8 3	Burdwan.	1
40 0	280 0	B 11 2	11 2	10 8	3 9 6	3 9 6	3 10 0	Bankura.	2
00 0	160 0	C 10 8	10 8	10 8	3 10 0	3 10 0	3 10 0	Birbhum.	3
20 0	120 0	C1 11 8	11 8	10 8	3 8 0	3 8 0	3 13 0	Midnapore.	4
20 0	120 0	D 10 0	10 0	10 0	3 12 0	3 12 0	3 9 0	Hooghly.	5
00 0	100 0	E 10 8	10 8	10 8	3 6 0	3 6 0	3 8 6	Howrah.	6
								Burdwan Division.	
95 0	95 0	11 6	11 6	10 12	3 4 0	3 4 0	3 7 0	Calcutta.	
00 0	100 0	F 11 0	11 0	10 12	3 4 6	3 4 0	3 6 0	24-Parganas.	7
...	...	G 10 10½	10 10½	9 13	3 8 0	3 9 0	3 12 0	Nadia.	8
60 0	160 0	H 10 0	10 0	9 0	3 12 0	3 12 0	4 0 0	Khulna.	9
60 0	160 0	I 9 2	9 2	9 2	3 10 0	3 10 0	3 14 0	Jessore.	10
00 0	200 0	J 10 8	10 8	11 0	3 12 0	3 12 0	3 10 0	Murshidabad.	11
								Presidency Division.	
10 0	110 0	K 11 0	11 0	10 0	3 8 0	3 8 0	3 14 0	Chittagong.	12
...	.	L 10 0	10 0	9 0	3 12 0	3 12 0	4 0 0	Noakhali.	13
...	...	M 10 0	10 0	10 0	3 12 0	3 12 0	4 0 0	Tippera.	14
40 0	320 0	8 0	8 0	8 0	4 8 0	4 8 0	4 8 0	Chittagong Hill Tracts.	15
								Chittagong Division.	
20 0	120 0	N 10 0	10 0	9 12	3 8 0	3 8 0	4 0 0	Dacca.	16
...	120 0	O 10 8	10 8	10 0	3 12 0	3 12 0	4 0 0	Faridpur.	17
80 0	120 0	P 10 0	10 0	10 8	3 10 0	3 10 0	3 10 0	Backergunge	18
...		Q 10 8	10 8	10 0	3 10 0	3 10 0	3 14 0	Mymensingh.	19
								Dacca Division.	
80 0	160 0	R 10 4	10 4	10 0	3 14 0	3 14 0	4 0 0	Dinajpur.	20
40 0	240 0	S 9 9	9 9	9 9	3 10 8	3 10 8	3 13 4	Rajshahi.	21
00 0	100 0	T 9 0	9 0	9 6	5 0 0	5 0 0	4 4 0	Rangpur.	22
								Rajshahi Division.	

J In subdivisions retail prices of salt per rupee are :—Lalbagh 11 seers, Jangipur 10 seers, and Kandi 11 seers.
K At Cox's Bazar retail price of salt, 8 seers per rupee.
L At Fenny Hât retail price of salt, 8 seers 5 chitaks per rupee.
M In subdivisions retail prices of salt per rupee are :—Brahmanbaria 10 seers and Chandpur 9 seers.
N In subdivisions retail prices of salt per rupee are :—Manickganj 9 seers, Narayanganj 10¾ seers.
O In subdivisions retail prices of salt per rupee are :—Madaripur 11 seers and Goalundo 10 seers.
P In subdivisions retail prices of salt per rupee are :—Patuakhali 9 seers, Pirojpur 9 seers, and Bhola 9 seers.
Q In subdivisions retail prices of salt per rupee are :—Kishorganj 8 seers, Jamâlpur 10 seers, Sherpur 8 seers, and Netrokona 8 seers.
R At Thakurgaon retail price of salt, 8 seers per rupee.
S In subdivisions retail prices of salt per rupee are :—Nator 9 seers and Nowgong 9 seers 9 chitaks.
T In subdivisions retail prices of salt per rupee are :—Kurigram 8 seers, Gaibanda 10 seers, and Nilphamari 10 seers.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the Head-quarters

QUANTITIES PER RUPEE IN

Division	Number.	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Jowar or Cholum (*Sorghum Vulgare*). Present return.	Jowar or Cholum. Next preceding return.	Jowar or Cholum. Corresponding return of last year.
BENGAL—*continued.*																	
			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Rajshahi Division—*concld.*	23	Bogra ...	8 4	8 10	15 10	...	...	...	9 12	10 2	12 0	13 8	13 2	16 8	...	...	...
	24	Pabna	11 4	12 0	18 0				7 8	7 2	7 6	13 0	13 8	17 0		...	...
	25	Darjeeling	8 0	8 0	8 0	9 0	9 0	10 0	5 0	5 0	5 0	10 8	10 0	14 0	.	...	...
	26	Jalpaiguri	10 0	10 0	12 0	14 0	14 0	16 0	7 0	7 0	9 0	11 0	11 8	17 0	..	...	...
BIHAR.																	
Bhagalpur Division.	27	Monghyr ...	13 10	13 10	11 9	21 0	21 0	21 0	9 7	9 7	10 8	11 11	12 9	15 12	18 14	17 13	18 14
	28	Bhágalpur ...	12 10	12 10	13 4	20 3	20 3	21 7	Old. 9 7 New. 11 6	Old. 9 7 New. 11 6	15 2	Old. 10 11 New. 12 10	Old. 10 10 New. 12 10	17 11	...	...	...
	29	Purnea ...	11 0	11 0	14 0	18 0	16 0	...	10 0	10 0	16 0	11 0	11 0	19 0	..	...	...
	30	Malda ...	12 0	11 8	11 0	...	...	..	10 0	10 0	11 0	12 0	12 0	16 8	...	...	...
	31	Sonthal Pargannas.	11 0	10 0	12 0	...	...	...	12 0	12 0	14 0	13 8	13 8	18 0	...	.	...
Patna Division.	32	Patna ...	14 0 13 0	Red. 13 8 White. 12 8	14 4 13 0	25 0	24 0	20 0	10 8	10 8	11 0	14 0	14 0	20 0	22 0	20 0	19 0
	33	Gaya ...	12 8	12 8	12 8	22 8	22 8	17 0	10 8	10 8	10 8	13 0	13 0	17 8	...	...	...
	34	Shahabad ...	12 8	12 8	12 0	20 0	22 0	17 0	8 0	8 0	9 0	12 8	13 0	17 0	...	...	17 0
	35	Darbhanga ...	12 1	13 3	13 0	20 14	22 0	22 0	11 8	11 0	13 0	12 1	13 0	17 0	...	...	
	36	Muzaffarpur	12 0	12 0	12 0	22 0	22 8	25 0	11 0	11 0	10 0	12 0	12 0	15 0	...	...	...
	37	Saran ...	11 13	12 4	12 4	25 0	25 8	19 8	8 8	8 8	8 8	12 5	12 13	15 2	...	...	...
	38	Chumparan ...	10 8	10 4	15 0	20 0	20 0	27 0	9 0	8 8	10 0	13 8	13 8	17 0	.	...	...
ORISSA.																	
Orissa Division.	39	Cuttack ...	9 3	9 3	13 2	...	...	...	9 3	9 13	10 8	11 2	11 2	18 6	...	..	...
	40	Puri ...	8 6	8 6	14 7	...	...	...	9 6	9 6	14 7	14 7	13 8	21 0	...	...	...
	41	Balasore ...	11 0	11 0	15 0	10 0	10 0	13 0	13 0	13 0	13 0	17 0	17 0	21 0	..	...	...
CHOTA NAGPUR.																	
Chota Nagpur Division.	42	Hazáribágh	12 0	11 8	12 0	14 0	14 0	17 0	8 0	8 0	10 0	12 12	13 8	17 0	...	...	...
	43	Lohardaga ...	9 12 7 8	Red. 11 0 White. 8 2	12 8 ...	13 0	14 0	20 0	11 12	11 4	14 0	Ordinary. 14 0 Coarse. 15 8	Ordinary. 13 0 Coarse. 15 0	17 0 19 0	...	...	...
	44	Palámau ...	12 6	12 6	16 14	20 4	...	23 10	13 8	13 9	12 6	14 1	13 13	15 12	...	...	...
	45	Singhbhum ...	15 0	14 0	16 0	10 0	10 0	20 0	12 0	12 6	14 0	16 0	16 0	16 0	...	...	...
	46	Manbhum	11 8	11 0	10 8	...	...	...	13 0	13 8	13 0	17 8	17 8	22 0	...	...	...

U At Sirajganj retail price of salt, 11½ seers per rupee.
V Retail price of salt at Kurseong and Siliguri, 8 seers per rupee.
W At Falakata in Alipur subdivision retail price of salt, 8½ seers per rupee.
X In subdivisions retail prices of salt per rupee are :—Begusarai 9½ seers and Jamui 10 seers.
Y In subdivisions retail prices of salt per rupee are :—Banka (Amarpur) 10 seers, Madhipura 10 seers, and Supaul 10 seers.
Z At Araria retail price of salt, 10 seers per rupee.
a In subdivisions retail prices of salt per rupee are :—Deoghur 10 seers 10 chitaks, Godda 9 seers, Pakur 10½ seers, and Rajmahal 11 seers

CALCUTTA,
The 7th March, 1892.

Station Bazars of the Districts of Bengal on the 29th February, 1892—(concluded).

Indian-corn or Maize. (*Zea Mays.*)			Arhar or Thur, Cadjan Pea. (*Cajanus Indicus.*)			Firewood.			Salt.			Wholesale prices per maund of 40 seers. Salt.			Districts.	Number.	Division
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
															BENGAL—*continued.*		
...	...	...	...	...	...	90 0	90 0	90 0	9 12	9 12	9 0	3 13 4	3 13 4	4 0 0	Bogra.	23	Rajshahi Division—*concld.*
...	...	...	16 8	17 4	18 0	200 0	200 0	200 0	[U] 9 12	9 12	8 15	3 12 0	3 12 0	3 14 0	Pabna.	24	
16 0	13 12	20 0	10 0	8 0	8 0	120 0	120 0	120 0	[V] 8 0	8 0	8 0	5 0 0	5 0 0	5 0 0	Darjeeling.	25	
...	...	...	8 0	8 0	11 0	200 0	200 0	200 0	[W] 10 0	10 0	9 0	4 0 0	4 0 0	4 0 0	Jalpaiguri.	26	
															BIHAR.		
18 14	21 0	18 14	18 14	16 4	13 10	189 0	168 0	127 0	[X] 10 8	10 8	10 8	3 8 6	3 11 0	3 10 0	Monghyr.	27	Bhágalpur Division.
16 12	18 15	20 3	15 2	15 2	13 11	176 12	176 12	151 8	[Y] 10 11	10 11	10 6	3 12 0	3 12 0	3 14 5	Bhágalpur.	28	
16 0	17 0	20 0	13 0	13 0	16 0	90 0	90 0	115 0	[Z] 10 0	10 0	9 0	4 0 0	4 0 0	4 7 0	Purnea.	29	
...	...	...	..	...	.	120 0	120 0	160 0	10 0	10 0	9 8	3 10 0	3 12 0	4 0 0	Malda.	30	
17 0	18 0	20 0	17 0	17 0	19 0	200 0	200 0	200 0	[a] 9 0	9 0	9 0	4 0 0	4 0 0	4 0 0	Sonthal Parganas	31	
22 0	21 0	20 0	21 0	20 0	.	120 0	120 0	120 0	[b] 11 8	11 8	10 0	3 8 0	3 8 0	3 10 0	Patna.	32	Patna Division.
...	...	...	17 8	17 8	19 0	160 0	110 0	140 0	10	10 0	10 0	3 11 0	3 14 0	4 2 0	Gaya.	33	
20 0	20 0	...	20 0	16 0	18 0	160 0	160 0	160 0	[c] 10 0	10 0	10 8	4 0 0	4 0 0	3 12 0	Shahabad.	34	
19 0	21 0	18 8	14 8	16 8	14 0	160 0	160 0	160 0	[d] 11 0	11 0	11 0	3 6 0	3 6 0	3 8 0	Darbhanga.	35	
20 0	20 0	17 8	15 0	15 0	17 0	160 0	160 0	160 0	11 0	11 0	11 0	3 10 0	3 10 0	3 10 0	Muzaffarpur.	36	
22 8	21 12	16 0	17 0	17 4	16 4	160 0	160 0	160 0	[e] 10 12	10 12	10 4	3 11 0	3 11 0	3 14 0	Saran.	37	
20 4	20 4	19 0	14 12	14 4	15 0	160 0	160 0	160 0	10 8	10 8	10 0	3 12 0	3 12 0	3 13 0	Champaran.	38	
															ORISSA.		
...	...	...	18 6	15 12	19 11	80 0	80 0	80 0	[f] 11 0	11 0	11 0	3 12 0	3 12 0	3 12 0	Cuttack.	39	Orissa Division.
...	...	...	15 12	12 0	17 1	80 0	80 0	80 0	11 13	11 13	9 13	3 5 0	3 5 0	3 12 0	Puri.	40	
...	...	...	...	...	...	110 0	140 0	160 0	[g] 10 8	10 8	10 0	3 14 0	3 14 0	3 14 0	Balasore.	41	
															CHOTA NAGPUR.		
18 0	18 0	19 0	16 0	16 0	21 0	240 0	240 0	240 0	[h] 10 0	10 0	9 0	3 12 0	3 12 0	1 0 0	Hazáribágh.	42	Chota Nagpur Division.
20 0	18 0	24 0	Small. 18 0; Big. 14 0	Small. 18 8; Big. 14 8	Small. 22 8; Big. 18 0	150 0	150 0	110 0	9 8	9 12	9 8	4 0 0	4 0 0	4 2 0	Lohardaga.	43	
21 15	20 4	20 4	16 14	16 14	18 0	...	...	...	9 1	9 1	9 0	No wholesale.			Palámau.	44	
20 0	20 0	16 0	16 0	18 0	24 0	160 0	160 0	200 0	9 0	9 0	10 0	4 4 0	4 4 0	4 3 0	Singhbhum.	45	
...	...	26 0	18 0	18 0	19 0	200 0	200 0	200 0	[i] 10 10	10 10	9 11	3 12 0	3 12 0	3 14 0	Manbhum.	46	

b In subdivisions retail prices of salt per rupee are:—Barh 11¼ seers, Bihár 9¾ seers, and Dinapore 10 seers.
c In subdivisions retail prices of salt per rupee are:—Buxar 10½ seers, Sasarám 10½ seers, and Bhabhua 9½ seers.
d In subdivisions retail prices of salt per rupee are—Madhubani 11 seers and Samastipur 11 seers.
e In subdivisions retail prices of salt per rupee are:—Siwán 12 seers and Gopalganj 11 seers 6 chitaks.
f In subdivisions retail prices of salt per rupee are:—Jajpur 8 seers, Kendrapara 9 seers, and Banki 12 seers.
g At Bhadrak retail price of salt, 10 seers per rupee.
h At Giridih (Whitty Bazar) retail price of salt, 10 seers per rupee.
i At Gobindpur retail price of salt, 10½ seers per rupee.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARTS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 5 4	3 4 11	3 3 11	2 0 10	2 1 2	1 15 8	4 8 3	4 6 3	3 13 7	3 8 0	3 1 6	2 7 7
2	Sirajganj ...	3 8 0	3 8 0	2 6 0	...	...	...	5 1 0	5 3 0	4 8 0	3 2 0	3 2 0	2 9 0
3	Dacca ...	3 12 0	3 12 0	3 4 0	1 8 0	1 8 0	2 12 0	3 4 0	3 4 0	2 10 0	2 13 0	3 1 0	2 4 0
4	Narayanganj	...	...	...	...	...	...	3 0 0	2 14 0	2 10 0	2 10 0	2 10 0	2 8 0
5	Chittagong	4 0 0	4 0 0	3 4 0	...	...	...	4 0 0	4 0 0	3 4 0	3 0 0	3 0 0	2 5 0
6	Patna ...	{ 2 13 8 3 1 3 }	Red. 2 15 3 White. 3 3 3	{ 2 10 5 3 1 3 }	1 9 6	1 10 0	1 15 6	3 12 9	3 12 9	3 9 9	2 13 8	2 13 8	1 15 6
7	Balasore ...	3 12 0	3 12 0	2 8 0	3 12 0	3 12 0	3 0 0	3 0 0	3 0 0	3 0 0	2 6 0	2 6 0	1 13 0
8	Puri ...	4 12 0	4 12 0	...	...	...	...	4 0 0	4 9 0	...	2 15 0	2 15 0	1 14 3
9	Cuttack ...	4 4 0	4 4 0	3 0 0	...	...	...	4 4 0	4 2 0	3 10 0	3 8 0	3 8 0	2 0 0

CALCUTTA,
The 7th March. 1892.

in the undermentioned Marts of Bengal on the 29th February, 1892.

PRICES PER MAUND

Jowar or Cholum. (*Sorghum Vulgare.*)			Bajra or Cumbu. (*Pennisetum typhoideum.*)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
2 4 6	2 5 8	2 2 8	2 10 0	2 6 0	3 4 4
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
1 13 0	2 0 0	2 0 6	...	...	...
...	...	...	...	...	...
..	...	...	...	...	...
..	...	...	...	...	...

Maize.	Arhar or Thur, Cadjan Pea. (*Cajanus indicus.*)			Firewood.			Salt.			Marts.
Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
1 12 4	2 6 0	2 6 5	2 9 6	0 5 9	0 5 9	0 5 6	3 4 0	3 4 0	3 7 0	Calcutta.
...	...	...	...	0 6 6	0 6 6	0 6 6	3 5 0	3 5 0	3 11 0	Sirajganj.
...	2 9 0	2 12 0	2 12 0	0 5 0	0 5 0	0 5 0	3 8 0	3 8 0	4 0 0	Dacca.
...	3 8 0	3 8 0	3 12 0	0 8 0	0 8 0	0 8 0	3 8 0	3 8 0	3 10 0	Narayanganj.
...	...	...	...	0 5 0	0 5 0	0 5 4	3 8 0	3 8 0	3 14 0	Chittagong.
1 15 6	1 14 5	2 0 0	...	0 5 4	0 5 4	0 5 4	3 8 0	3 8 0	3 10 0	Patna.
...	...	...	...	0 5 0	0 5 0	0 4 6	3 14 0	3 14 0	3 14 0	Balasore.
...	2 8 6	3 5 0	...	0 8 0	0 8 0	...	3 5 0	3 5 0	3 12 0	Puri.
...	2 0 0	2 8 0	2 0 0	0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 12 0	Cuttack.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of

Meteorological Division.	District.	Representative stations.	Air Pressure. Highest, 8 A.M., barometer reading of month.	Lowest, 8 A.M., barometer reading of month.	Mean, 8 A.M., for month.	Mean reduced to sea-level & to Lat 45°.	Variation from normal mean.	Temperature. Highest of month.	Lowest of month.	Mean daily maximum temperature	Mean daily minimum temperature.	Mean daily temperature.	Variation from normal mean.	Humidity. Mean, 8 A.M., humidity.	Variation from normal mean.	Cloud. Mean cloud amount, 8 A.M.	Variation from normal mean, 8 A.M.	Rainfall.
Orissa.	Puri	Puri	30·099	29·806	29·948	29·897	—	89·7	62·6	84·0	69·8	76·9	—	80	—	1·6	—	Nil
		Gopalpore	30·085	29·805	29·947	29·908	—·025	93·2	59·0	84·4	66·0	75·2	+0·7	78	—	0·2	—	Nil
		False Point	30·076	29·823	29·958	29·920	·035	86·4†	58·5	83·6†	66·1	74·7†	+1·1	85	—7	2·4	—0·8	0·42
	Cuttack	Cuttack	30·021	29·739	29·894	29·920	—·050	96·4	59·8	91·3	64·9	78·1	+0·4	74	—6	1·5	—0·4	Nil
	Balasore	Balasore	30·041	29·762	29·904	29·908	—·070	94·4	57·5	87·4	62·0	75·2	+3·8	73	—	0·7	—	0·60
South-West Bengal.	South-West Midnapore and South 24-Parganas.	Saugor Island	30·071	29·790	29·938	29·908	—·065	86·2	57·9	82·5	68·2	75·4	+2·2	80	—12	2·7	—0·4	Nil
	Midnapore	Midnapore	29·952	29·653	29·823	29·923	—·004	95·3	56·2	88·9	62·9	75·9	+5·2	69	—	1·4	—	0·17
	24-Parganas, Howrah, and Hooghly.	Calcutta	30·073	29·814	29·846	29·914	—·008	90·6	52·2	84·7	61·6	73·2	+2·3	77	—7	1·7	—0·5	0·04
	Burdwan	Burdwan	30·019	29·743	29·873	29·923	—·062	92·4	52·3	85·8	60·8	73·3	+2·5	50*	—13	2·2	+0·3	0·15
	Bankura	Bankura	29·759	29·510	29·636	29·897	—·070	91·1	53·8	85·4	60·4	72·9	+3·5	68	—	2·0	—	0·24
	West Burdwan ... Birbhum	Raniganj	29·777	29·405	29·627	29·938	—·070	90·0	54·7	84·5	60·0	72·3	+3·1	64	—	2·4	—	0·69
	Murshidabad	Berhampore	30·022	29·748	29·889	29·906	—·077	89·6	52·1	83·4	58·3	70·9	+1·9	78	+3	2·4	+0·6	0·78
	Nadia	Krishnagore	30·030	29·790	29·912	29·910	—·051	91·4	49·1	85·1	56·7	71·0	+3·7	69	—	1·5	—	0·03
	Jessore and Khulna	Jessore	30·058	29·791	29·930	29·911	—·065	90·7	51·5	84·5	59·2	71·9	+1·9	85	+3	1·6	—0·7	0·03
East Bengal.	Chittagong	Chittagong	29·985	29·771	29·888	29·925	—·059	88·7	54·1	84·6	61·9	73·3	+3·4	82	—5	3·1	+1·1	0·26
	Chittagong Hill Tracts	Demagri	Observations not received.															
	Backergunge	Barisal	30·071	29·826	29·962	29·920	—·037	87·8†	53·1†	83·1†	61·2†	72·2†	+4·2†	84	—	2·7	—	0·05
	Noakhali	Noakhali	30·026	29·791	29·924	29·915	—·064	84·5	49·0	82·4	59·6	71·0	+3·4	88	—	0·3	—	0·31
	Faridpur	Faridpur	30·043	29·815	29·935	29·924	—·065	86·6	49·0	81·3	57·8	69·6	+3·0	86	—	1·7	—	1·24
	Dacca	Dacca	30·050	29·805	29·937	29·908	—·069	88·1	53·3	83·3	60·9	72·1	+2·0	87	+7	3·7	+1·9	1·45
	Tippera	Comilla	30·037	29·811	29·935	29·919	—·052	87·4	50·1	83·2	59·5	71·4	+3·3	87	—	2·7	—	0·05
	Mymensingh	Mymensingh	30·023	29·759	29·902	29·915	·072	84·6	48·9	79·8	57·4	68·6	+3·2	86	—	2·3	—	1·53
North Bengal.	Bogra	Bogra	30·002	29·723	29·873	29·889	—·061	88·3	49·2	82·8	55·3	69·1	+3·9	78	—	1·1	—	0·31
	Pabna	Sirajganj	30·039	29·825	29·902	29·900	—·070	88·3	46·7	82·6	54·5	68·5	+3·2	81	—	1·7	—	0·16
	Rajshahi	Rampur Boalia	30·010	29·747	29·879	29·901	—·056	86·8	51·0	81·5	57·7	69·6	+4·7	73	—	1·7	—	0·67
	Malda	Malda*	30·013	29·730	25·874	29·909	—	90·3	46·2*	84·3	54·8*	69·7*	—	63	—	1·3	—	0·70
	Dinajpur	Dinajpur	29·956	29·637	29·815	29·892	—·094	89·1	46·5	82·8	53·7	68·3	+4·4	72	—	1·2	—	0·30
	Rangpur	Rangpur	29·961	29·645	29·838	29·922	—·058	87·0	46·1	80·6	53·2	66·9	+3·9	87	—	0·5	—	0·28
	Jalpaiguri and Kuch Bihár.	Jalpaiguri	29·778	29·441	29·648	29·899	—·077	88·4	46·1	79·2	53·7	66·5*	+3·7	85	—	0·6	—	1·07
	Darjeeling Hill Tracts	Darjeeling	23·036	22·752	22·902	—	—·031	52·3	29·3	46·0	36·4†	41·3†	+1·5	80	+9	4·0	—0·6	2·45
North Bihar.	Purnea and North Bhágalpur.	Purnea	29·962	29·638	29·814	29·900	—·078	87·2	42·8	82·9	50·8	66·8	+1·9	75	+5	1·5	+0·4	0·08
	Muzaffarpur	Muzaffarpur	29·902	29·595	29·754	29·806	—	85·2	48·3	81·3	53·7	67·6	—	80	—	1·2	—	0·79
	Darbhanga	Darbhanga	29·944	29·631	29·795	29·923	—·061	84·4	51·4	80·4	55·5	68·0	+3·1	71	0	1·7	+0·1	0·91
	Champaran	Motihari	29·836†	29·558†	29·705†	29·898†	—·065†	85·2	44·9	81·7	50·3	66·1	+4·3	79	—	1·8	—	0·11
	Saran	Chapra	29·901	29·616	29·763	29·906	—·060	85·3	51·1	81·9	55·9	69·0	+5·1	78	—	1·9	—	1·09
South Bihar.	Shahabad	Dehri	29·747	29·184	29·613	29·933	—·052	87·8	46·0	82·7	56·9	69·8	+4·4	62	—	1·8	—	0·47
		Buxar	29·803	29·588	29·718	29·923	—·070	86·4	50·9	81·4	57·1	69·2	+4·5	66	—	1·9	—	1·21
		Arrah	29·895	29·621	29·757	29·908	—·054	87·0	?	82·3	?	?	?	?	—	1·6	—	1·30
	Gaya	Gaya	29·737	29·463	29·591	29·936	—·055	88·2	53·8	83·1	58·3	70·7	+1·0	60	+6	2·2	—0·1	0·67
	Patna	Bankipore	29·931	29·628	29·773	29·910	—·076	83·8	51·7	79·2	56·8	68·0	+2·7	61	—7	2·0	—0·4	1·28
	South Bhágalpur and Monghyr.	Bhágalpur	29·933	29·645	29·783	29·902	—·052	89·2	50·0	83·2	57·4	70·3	+5·7	67	—	2·3	—	0·19
	Sonthal Parganas	Naya Dumka	29·581	29·315	29·443	29·918	—·065	87·6	54·1	82·8	58·1	70·4	+3·6	67	—	1·7	—	1·18
Chota Nagpur.	Hazáribágh	Hazáribágh	28·052	27·808	27·918	29·952	—·051	84·1	49·2	79·0	55·7	67·5	+1·6	57	+9	2·6	+0·8	2·02
	Lohardaga ... Manbhum	Ranchi	27·919	27·684	27·794	29·920	—·044	85·9	49·9	79·1	56·2	67·7	+2·3	61	—	3·6	—	1·80
	Singbhum	Chaibassa	29·331	29·047	29·192	29·921	—·038	91·4	54·2	86·1	59·7	72·0	+3·0	62	—	2·8	—	1·28
Assam	Sibsagar	Sibsagar	29·760	29·465	29·631	29·937	—·085	79·4	46·1	74·0	54·7	64·2	+1·4	88	+3	7·8	+2·0	4·08
	Goalpara	Dhubri	29·963	29·639	29·829	29·901	—·084	86·4	52·5	79·8	57·9	68·9	+3·2	80	0	2·0	+0·5	0·64
	Cachar	Silchar	29·987	29·720	29·866	29·927	—·070	83·8	48·3	80·9	57·8	69·4	+2·1	89	—4	5·1	+2·1	3·13

* Mean of 25 days. | † Mean of 28 days.

Bengal for the month of February 1892.

District Observations. Rainfall. Of month. Mean of district.	Normal mean.	Variation from mean.	Number of rainy days.	Normal mean number of rainy days.	Since 16th October 1891. Mean of district.	Normal mean.	Variation.	Mean number of rainy days.	Normal mean number of rainy days.	Representative stations.	District.	Meteorological Division.
0·22	0·83	−0·61	0·50	1·39	8·56	7·89	+0·67	3·50	9·20	Puri ... Gopalpore ... False Point ...	Puri	Orissa.
0·27	0·81	−0·54	0·40	1·28	7·96	5·40	+2·56	3·20	7·75	Cuttack ...	Cuttack	
0·23	1·06	−0·83	1·17	1·68	4·22	4·39	−0·17	4·34	6·79	Balasore ...	Balasore	
Nil	1·38	−1·38	0·00	1·99	2·54	6·48	−3·94	1·66	7·47	Saugor Island .	South-West Midnapore and South 24-Parganas.	South-West Bengal.
0·16	1·00	−0·84	0·67	1·58	0·44	3·59	−3·15	1·67	6·83	Midnapore ...	Midnapore	
0·15	1·25	−1·10	0·50	1·99	0·61	3·98	−3·37	1·90	6·18	Calcutta ...	24-Parganas, Howrah, and Hooghly.	
0·11	1·03	−0·92	0·33	1·57	0·66	3·68	−3·02	1·66	4·84	Burdwan ...	Burdwan	
0·43	0·73	−0·30	1·25	1·60	0·99	3·19	−2·20	3·25	5·69	Bankura ...	Bankura	
0·74	0·98	−0·24	1·75	1·37	2·09	3·00	−0·91	3·75	4·75	Raniganj ...	West Burdwan and Birbhum.	
0·70	0·79	−0·09	1·17	1·44	2·04	2·96	−0·92	3·00	4·56	Berhampore ...	Murshidabad	
0·16	1·04	−0·88	0·60	1·50	0·91	3·43	−2·52	1·80	5·10	Krishnagore ...	Nadia	
0·10	1·11	−1·01	0·25	1·74	1·95	4·12	−2·17	2·87	6·16	Jessore ...	Jessore and Khulna ...	
0·13	0·73	−0·60	0·50	1·31	3·13	6·59	−3·46	6·50	7·56	Chittagong ...	Chittagong	East Bengal.
1·20	0·89	+0·31	2·00	2·00	4·53	6·07	−1·54	9·00	8·55	Demagri ...	Chittagong Hill Tracts	
0·03	1·05	−1·02	0·25	1·54	1·37	5·46	−4·09	3·25	6·94	Barisal ...	Backergunge	
0·87	1·05	−0·18	2·50	1·65	3·30	6·81	−3·51	6·00	7·58	Noakhali ...	Noakhali	
0·85	1·20	−0·35	1·33	1·82	2·79	3·83	−1·04	3·06	6·16	Faridpur ...	Faridpur	
0·98	1·20	−0·22	1·50	1·96	3·45	4·33	−0·88	4·25	6·84	Dacca ...	Dacca	
0·87	1·02	−0·15	2·00	2·01	6·54	4·38	+2·16	5·75	7·37	Comilla ...	Tippera	
0·92	0·92	0	1·80	1·30	2·83	3·74	−0·91	4·40	5·27	Mymensingh ...	Mymensingh	
0·35	0·78	−0·43	1·25	1·29	2·69	3·22	−0·53	3·75	4·31	Bogra ...	Bogra	North Bengal.
0·25	1·05	−0·80	1·50	1·49	1·30	3·69	−2·39	4·00	5·67	Sirajganj ...	Pabna	
0·65	0·70	−0·05	1·33	1·20	1·87	2·72	−0·85	3·00	4·25	Rampur Boalia.	Rajshahi	
0·44	0·59	−0·15	1·50	1·39	0·58	2·53	−1·95	2·00	3·78	Malda ...	Malda	
0·34	0·48	−0·14	1·00	1·14	0·53	2·19	−1·66	1·60	3·43	Dinajpur ...	Dinajpur	
0·36	0·43	−0·07	1·25	1·11	0·53	2·78	−2·25	1·75	3·58	Rangpur ...	Rangpur	
0·40	0·39	+0·01	1·40	1·14	0·4	2·95	−2·55	1·40	4·25	Jalpaiguri ...	Jalpaiguri and Kuch Bihar.	
2·10	0·67	+1·43	3·00	2·01	3·18	4·49	−1·31	4·75	6·94	Darjeeling ...	Darjeeling Hill Tracts.	
0·21	0·50	−0·29	1·00	1·09	0·21	2·45	−2·24	1·00	3·47	Purnea ...	Purnea and North Bhágalpur.	North Bihar.
0·70	0·39	+0·31	1·67	1·18	0·79	2·13	−1·34	1·67	4·08	Muzaffarpur ...	Muzaffarpur	
0·73	0·40	+0·33	1·00	0·98	0·74	2·00	−1·26	1·00	3·42	Darbhanga ...	Darbhanga	
0·13	0·38	−0·25	0·50	1·11	0·13	1·57	−1·44	0·50	3·49	Motihari ...	Champaran	
0·73	0·45	+0·28	1·67	1·01	0·78	2·22	−1·44	1·67	4·09	Chapra ...	Saran	
1·22	0·40	+0·82	3·00	1·02	1·39	2·67	−1·28	3·70	4·65	Dehri ... Buxar ... Arrah ...	Shahabad	South Bihar.
0·61	0·42	+0·19	2·25	1·07	0·94	2·24	−1·30	3·25	4·16	Gaya ...	Gaya	
0·62	0·41	+0·21	1·50	1·11	0·79	2·43	−1·64	2·00	4·27	Bankipur .	Patna	
0·46	0·52	−0·06	1·20	1·26	0·53	2·47	−1·94	1·60	4·28	Bhágalpur ...	South Bhágalpur and Monghyr.	
0·81	0·47	+0·34	1·33	1·12	1·30	2·30	−1·00	2·33	3·93	Naya Dumka ...	Sonthal Parganas ...	
1·40	0·59	+0·81	3·20	1·28	1·55	2·46	−0·91	3·40	5·03	Hazáribágh ..	Hazáribágh	Chota Nagpur.
1·41	0·72	+0·69	3·33	1·34	1·59	3·11	−1·52	3·09	5·89	Ranchi ...	Lohardaga	
0·9[illegible]	0·94	+0·03	2·00	1·43	1·43	2·82	−1·39	3·50	4·97		Manbhum	
1·16	0·84	+0·32	2·00	1·35	1·72	3·44	−1·72	3·00	6·55	Chaibassa ...	Singbhum	
										Sibsagar	Sibsagar ...	Assam
										Dhubri	Goalpara ...	
										Silchar	Cachar ...	

Table of Rainfall recorded at stations

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ORISSA ...	Puri ...	Puri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khurda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·01	...	...	...	...	...
		Banpur ...	...	...	...	...	...	...	...	...	0·01	...	...	...	...	...	...	0·45	...	...	...	...
		False Point ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·43	...	...	...	...
		Gop	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Satpara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pipli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	...	...
	Cuttack ...	Jagatsingpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·43	...	...	...	...
		Banki ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Cuttack ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kendrapara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·91	...	...	...	...
		Jajpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dharmsalla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Salipore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	...
	Balasore ...	Akhyapada ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chandbali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhadrak ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·18	...	...	...	...
		Sorah ...	...	...	...	...	...	...	...	0·25	...	...	...	...	...	...	...	...	...	...	...	...
		Balasore ...	...	...	...	...	...	...	...	...	0·01	...	...	...	...	...	...	0·37	...	...	...	...
		Jellasore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Baripodah ...	...	...	...	...	...	...	...	0·10	...	...	...	...	0·27	0·10	0·10	...	...	...	...	...
SOUTH-WEST BENGAL.	Midnapore ...	Contai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Saugor Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tamluk ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	0·10	...	...	...
		Midnapore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·18	...	...	...	...
		Ghatál ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	0·02	0·04	...	...	...	...
		Kukrahaty ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Garhbeta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·23	0·02	0·10	...	...	...	...
	24-Parganas...	Diamond Harbour.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Canning Town	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Alipore Jail ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barrackpore...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·18	...	...	...	...
		Dum-Dum ...	...	...	...	...	...	...	...	...	...	...	...	0·12	...	...	...	0·10	...	...	...	...
		Barasat ...	...	...	...	...	...	...	...	...	...	...	...	0·54	...	...	...	0·13	...	...	...	...
		Basirhat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	...
	Howrah ...	Howrah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·01	...	...	...	...	...
		Mohesreka ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...
		Ulubaria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...
	Hooghly ...	Serampore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·09	0·06	...	...	...	...
		Hooghly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jahánabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	0·02	...	...	...	...	...
	Burdwan ...	Kalna ...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...	...	...	...	...	...
		Burdwan ...	...	...	...	...	...	...	...	...	...	...	...	...	0·01	0·01	0·06	0·06	...	...	...	...
		Katwa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·12	...	...	...	...	...
		Raniganj ...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	0·03	0·39	...	...	...	...	...
		Mankur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·29	...	...	...	...	...
	Bankura ...	Bankura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	0·13	0·03	...	...	...	...
		Bishenpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·41	...	...	...	...	...
		Maliara ...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	...	0·55	...	...	...	...	...
		Khatra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	0·25	...	...	...	...	...
		Indas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·09	...	...	...	...
		Kotalpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Anda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gangajalghati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·38	...	...	...	...	...
		Raipore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·55	0·15	...	...	...	...	...
		Sonamukhi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·21	...	...	...	...	...
	Birbhum ...	Bh. Suri ...	...	...	...	...	...	...	...	...	...	...	...	0·13	0·04	...	0·54	...	...	...	...	...
		Hetampore ...	...	...	...	...	...	...	...	...	...	...	...	0·09	...	...	0·43	...	...	...	...	...
		Rampur Hat	...	...	...	...	...	...	...	...	...	...	...	0·07	...	...	0·74	0·12	...	...	...	...
		Bolpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·55	...	...	...	...	...
		Murarai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nadia ...	Ranaghat ...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	...	...	...	...	...	...	...
		Krishnagar ...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...	...	...	...	...
		Chuadanga ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Meherpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·18	...	...	...	...	...
		Kushtia ...	...	...	...	...	...	...	...	...	0·10	...	...	...	...	...	0·07	0·03	...	...	...	...
	Khulna ...	Satkhira ...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	0·07	...	...	...	...
		Bágerhat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khulna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nakipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rampal ...	...	...	...	...	...	...	...	...	...	...	...	0·09	...	...	...	...	...	...	...	...
	Jessore ...	Narail ...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...	...	...	...	...
		Jessore ...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...	...	...	...	...
		Jhenidah ...	...	...	...	...	...	...	...	...	0·08	...	...	...	...	...	0·02	...	...	...	...	...
		Magura ...	...	...	...	...	...	...	...	...	0·22	...	...	...	...	...	...	...	...	...	...	...
		Bangaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Murshidabad	Kandi ...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	0·50	...	...	...	...	...
		Berhampore...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	0·54	...	...	...	...	...
		Lalbagh ...	...	...	...	...	...	...	...	...	...	...	...	0·01	...	...	0·61	...	...	...	...	...
		Azimgunge ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·70	...	...	...	...	...
		Jangipur ...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	0·82	0·06	...	...	...	...
		Lalgola ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·60	...	...	...	...	...
		Akhriganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·49	...	...	...	...	...
		Patkabari ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...	...	...	...
EAST BENGAL.	Chittagong ...	Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kutubdia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Satkanya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong Hill Tracts.	Rangamati ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bandarban ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

in Bengal in February 1892.

21	22	23	24	25	26	27	28	29	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 16th October 1891 to 29th February 1892.	Average rainfall from 16th October to 29th February.	Station.	District.	Meteorological division.
...	...	...	...	...	...	...	...	...	Nil	1·20	Nil	0·86	Nil	15·91	8·63	Puri ...	Puri	ORISSA.
...	...	...	...	...	...	...	...	...	Nil	1·32	0·01	0·68	0·01	3·75	6·03	Khurda.		
...	...	...	...	...	...	...	...	...	1	1·60	0·46	0·89	0·45	2·23	7·83	Banpur.		
...	...	...	...	...	...	...	...	...	1	1·45	0·42	0·81	0·42	12·07	8·90	False Point.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	*Gop.*		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	4·10	?	*Satpara.*		
...	...	...	...	...	...	...	...	...	1	?	0·56	?	0·56	7·54	?	*Pipli*		
...	...	...	...	...	...	...	...	...	1	0·84	0·43	0·62	0·43	12·00	5·31	Jagatsingpore.	Cuttack.	
...	...	...	...	...	...	...	...	...	Nil	1·43	Nil	0·65	Nil	1·17	5·65	Banki.		
...	...	...	...	...	...	...	...	...	Nil	1·30	Nil	0·71	Nil	4·87	5·28	Cuttack.		
...	...	...	...	...	...	...	...	...	1	1·26	0·91	0·73	0·91	17·63	5·59	Kendrapara.		
...	...	...	...	...	...	...	...	...	Nil	1·58	Nil	1·25	Nil	3·24	5·09	Jajpur.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	5·36	?	*Dharmsala.*		
...	...	...	...	...	...	...	...	...	1	?	0·15	?	0·15	8·35	?	*Salipore.*		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	4·74	?	Akhyapada.		
...	...	...	...	...	...	...	...	...	Nil	1·19	Nil	1·01	Nil	11·05	5·73	Chandbali .	Balasore.	
...	...	...	...	...	...	...	...	...	1	1·89	0·18	1·24	0·18	6·03	4·86	Bhadrak.		
...	...	...	...	...	...	...	...	...	1	1·69	0·25	0·84	0·25	4·18	3·75	Sorah.		
...	...	...	...	...	...	...	...	...	1	2·20	0·38	1·36	0·37	2·85	5·50	Balasore.		
...	...	...	...	...	...	...	...	...	Nil	1·44	Nil	1·02	Nil	0·82	3·17	Jellasore.		
...	...	...	...	...	...	...	...	...	4	1·61	0·57	0·80	0·27	0·92	3·21	Baripodah.		
...	...	...	...	...	...	...	...	...	Nil	1·65	Nil	1·33	Nil	2·49	7·24	Contai ..	Midnapore ...	SOUTH-WEST BENGAL.
...	...	...	...	...	...	...	...	...	Nil	1·70	Nil	1·13	Nil	4·44	7·04	Saugor Island		
...	0·02	...	...	...	...	...	...	...	1	1·58	0·20	1·22	0·10	0·55	4·48	Tamluk.		
...	...	...	...	...	...	...	...	...	1	1·40	0·18	0·89	0·18	0·36	3·98	Midnapore.		
...	...	...	...	...	...	...	...	...	Nil	1·77	0·09	0·89	0·04	0·42	2·31	Ghatal.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·31	?	*Kukrahaty.*		
...	...	...	...	...	...	...	...	...	2	?	0·35	?	0·23	0·54	?	*Garhbeta.*		
...	...	...	...	...	...	...	...	...	Nil	2·63	Nil	1·68	Nil	0·70	5·16	Diamond Harbour.	24-Parganas.	
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·34	?	*Canning Town.*		
...	...	...	...	...	...	...	...	...	Nil	2·05	Nil	1·47	Nil	0·43	4·83	Alipore Jail.		
...	...	...	...	...	...	0·03	...	...	1	1·95	0·21	1·27	0·18	0·49	3·83	Barrackpore.		
...	...	...	...	...	...	...	...	...	2	1·95	0·22	1·13	0·12	0·62	3·92	Dum-Dum.		
...	...	...	...	...	...	...	...	...	2	2·11	0·67	1·23	0·54	1·03	4·37	Barasat.		
...	...	...	...	...	...	...	...	...	Nil	1·84	0·05	1·04	0·05	1·33	3·85	Basirhat.		
...	...	...	...	...	...	...	...	...	Nil	1·90	0·01	1·09	0·01	0·31	4·19	Howrah ...	Howrah.	
...	...	...	...	...	...	...	...	...	Nil	2·37	0·04	1·44	0·04	0·45	3·61	Mohesreka		
...	...	...	...	...	...	...	...	...	Nil	?	0·04	?	0·04	0·40	?	*Ulubaria.*		
...	...	...	...	...	...	0·03	...	...	Nil	2·00	0·18	1·24	0·09	0·67	3·82	Serampore ...	Hooghly.	
...	...	...	...	...	...	0·05	...	...	Nil	1·80	0·05	1·25	0·05	0·38	3·53	Hooghly.		
...	...	...	...	...	...	...	...	...	Nil	1·80	0·04	1·27	0·02	0·34	3·80	Jahánabad.		
...	...	...	...	...	...	...	...	...	Nil	1·53	0·02	1·08	0·02	0·36	3·40	Kalna ...	Burdwan.	
...	0·01	...	...	...	...	...	...	...	Nil	1·50	0·15	0·86	0·06	0·43	3·56	Burdwan.		
...	...	...	...	...	...	0·03	...	...	1	1·08	0·15	1·10	0·12	1·13	3·78	Katwa.		
0·20	...	...	...	...	...	...	...	...	2	1·35	0·69	1·19	0·39	1·25	3·05	Raniganj		
...	...	...	...	...	...	...	...	...	1	?	0·29	?	0·29	1·14	?	*Mankur.*		
...	...	...	...	...	...	0·05	...	...	1	1·75	0·24	0·87	0·13	0·93	3·44	Bankura .	Bankura.	
...	...	...	...	...	...	0·04	...	...	1	1·20	0·45	0·70	0·41	0·82	2·83	Bishenpore.		
...	0·06	...	...	...	...	...	...	...	1	1·80	0·68	0·58	0·55	1·33	2·83	Muliara.		
...	...	...	...	...	...	...	...	...	2	1·55	0·35	0·58	0·25	0·85	3·47	Khatra.		
...	...	...	...	...	...	...	...	...	Nil	?	0·09	?	0·09	0·57	?	Indas.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·30	?	Kotaipore.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·41	?	Anda.		
...	...	...	...	...	...	...	...	...	1	?	0·38	?	0·38	0·67	?	Gangajalghati		
...	...	...	...	...	...	...	...	...	2	?	0·70	?	0·55	1·32	?	*Raipore.*		
...	...	...	...	...	...	...	...	...	1	?	0·21	?	0·21	0·72	?	*Sonamukhi.*		
...	...	0·06	...	...	...	0·04	...	...	2	1·45	0·81	0·91	0·54	2·26	3·23	Bh. Suri .	Birbhum.	
...	...	...	...	...	...	...	...	...	1	1·40	0·52	0·97	0·43	2·04	2·43	Hetampore.		
...	...	...	...	...	...	...	...	...	2	1·20	0·93	0·83	0·74	2·81	3·23	Rampur Hat.		
...	...	...	...	...	...	...	...	...	1	?	0·55	?	0·55	2·65	?	*Bolpore*		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·55	?	*Morarai.*		
0·08	0·01	...	...	...	...	0·02	...	...	Nil	1·60	0·14	0·93	0·08	0·74	3·42	Rangahat ...	Nadia.	
...	...	...	...	...	...	...	...	...	Nil	1·55	0·03	1·04	0·03	1·33	2·77	Krishnagar.		
...	...	...	...	...	...	0·04	...	...	Nil	1·45	0·04	1·12	0·04	0·51	3·71	Chuadanga.		
...	...	0·11	...	...	...	0·07	...	...	2	1·55	0·38	1·03	0·18	0·66	3·12	Meherpore.		
...	...	...	...	...	...	0·04	...	...	1	1·65	0·24	1·11	0·10	1·24	4·15	Kushtia.		
...	...	...	...	...	...	0·01	...	...	Nil	1·84	0·12	0·93	0·07	3·25	3·78	Satkhira ..	Khulna.	
...	...	...	...	...	...	...	...	...	Nil	1·87	Nil	1·31	Nil	2·78	5·26	Bágerhat.		
...	0·15	...	...	...	...	0·04	...	...	1	1·68	0·19	1·12	0·15	4·08	4·36	Khulna.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·82	?	*Nakipur.*		
...	...	...	...	...	...	...	...	...	Nil	?	0·09	?	0·09	1·89	?	*Rampal.*		
...	...	...	0·03	...	...	...	...	...	Nil	2·00	0·07	1·16	0·04	2·20	4·28	Narail ...	Jessore.	
...	...	...	...	...	...	...	...	...	Nil	1·75	0·03	1·09	0·03	1·46	4·40	Jessore.		
...	...	...	...	...	...	0·07	...	...	Nil	1·72	0·17	1·10	0·08	0·51	3·81	Jhenidah.		
...	...	...	...	...	...	0·02	...	...	1	1·72	0·24	1·05	0·22	0·76	3·14	Magura.		
...	...	...	...	...	...	...	...	...	Nil	1·35	Nil	1·10	Nil	0·56	3·90	Bangaon.		
...	...	...	...	...	...	0·03	...	...	1	1·60	0·55	0·89	0·50	1·75	2·91	Kandi ...	Murshidabad.	
...	...	...	...	...	...	0·22	...	...	2	1·65	0·78	1·00	0·54	1·84	3·32	Berhampore.		
...	...	...	...	...	...	0·01	...	...	1	1·27	0·63	0·72	0·61	1·49	2·67	Lalbagh.		
...	...	...	...	...	...	...	...	...	1	1·56	0·70	0·76	0·70	2·56	2·30	Azimgunge.		
...	...	...	...	...	...	...	...	...	1	1·42	0·90	0·71	0·82	2·33	2·65	Jangipur.		
...	...	...	...	...	...	...	...	...	1	1·12	0·60	0·65	0·60	2·20	3·17	Lalgola.		
...	...	...	...	...	...	...	...	...	1	?	0·49	?	0·49	2·12	?	*Akhriganj.*		
...	...	...	...	...	...	...	...	...	1	?	0·30	?	0·30	1·40	?	*Patkabari.*		
...	...	...	...	...	...	...	...	...	Nil	1·16	Nil	0·40	Nil	4·01	7·56	Cox's Bazar	Chittagong ..	EAST BENGAL.
...	...	...	0·02	0·23	...	...	...	...	1	1·45	0·25	0·96	0·23	2·2[illegible]	5·61	Chittagong.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	3·81	?	*Kutubdia.*		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	3·75	?	*Satkunya.*		
...	...	...	0·35	0·85	...	...	...	...	2	2·00	1·20	1·10	0·85	4·53	6·28	Rangamati ...	Chittagong Hill Tracts.	
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	3·04	?	*Bandarban* ...		

Table of Rainfall recorded at Stations

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST BENGAL—concld.	Backergunge...	Patuakhali ...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...	...	...	...	...	...
		Pirojepur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhola ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gournaddi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bauphal ...	...	...	...	...	...	...	...	...	...	...	...	0·14	...	...	...	...	...	...	...	...
	Noakhali ...	Noakhali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fenny ...	...	...	...	...	...	...	...	...	...	...	...	0·13	...	...	0·40	...	...	...	...	...
		Harishpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ramganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Faridpur ...	Madaripur ...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	...	...	...	...	...
		Faridpur ...	...	...	...	...	...	...	...	...	1·34	...	...	...	...	...	...	...	...	...	...	...
		Goalundo ...	...	...	...	...	...	...	...	...	0·78	...	...	...	...	...	...	...	...	...	...	...
	Dacca ..	Munshigunge	...	...	...	...	...	...	...	...	0·54	...	...	...	...	...	...	...	...	...	...	...
		Dacca ...	...	...	...	...	...	...	...	...	1·60	...	...	...	...	...	...	...	...	...	...	...
		Narainganga	...	...	...	...	...	...	...	...	0·72	...	...	...	...	...	...	...	...	...	...	...
		Manikganj	...	...	...	...	...	...	...	...	1·04	...	...	...	...	...	...	0·02	...	...	...	...
		Joydebpore ...	...	...	...	...	...	...	...	...	1·12	...	0·16	...	...	...	...	...	...	...	...	...
	Hill Tippera	Agartola ...	...	...	...	...	...	...	...	...	0·40	...	0·23	...	...	...	...	...	...	...	...	...
	Tippera ...	Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chandpore ...	...	...	...	...	...	...	...	...	0·29	...	...	0·09	...	...	...	...	...	...	...	...
		Brahmanbaria	...	...	...	...	...	...	...	...	0·32	...	0·10	...	...	...	...	...	...	...	...	...
		Ramchandrapore.	...	...	...	...	...	...	...	...	0·52	...	...	...	...	...	...	...	...	...	...	...
		Nasirnagar ...	...	...	...	...	...	...	...	...	0·60	...	...	...	...	...	...	...	...	...	...	...
		Daudkandi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kasba ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Laksham ...	...	...	...	...	...	...	...	...	...	...	0·25	...	...	...	...	...	...	...	...	...
	Mymensingh..	Kishoregunge	...	...	...	...	...	...	...	...	0·09	...	0·21	...	...	...	...	...	...	...	...	...
		Atia (*Tangail*)	...	...	...	...	...	...	...	...	0·44	...	0·38	...	...	...	...	...	...	...	...	...
		Mymensingh	...	...	...	...	...	...	...	...	1·22	...	0·08	...	...	...	...	0·23	...	...	...	...
		Jamálpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...
		Netrokona ...	...	...	...	...	...	...	...	...	0·32	...	1·15	...	...	...	...	0·26	...	...	...	...
		Subornakhally	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·18	...	...	...	...
		Durgapore ..	...	...	...	...	...	...	...	...	0·72	...	1·20	...	...	...	...	0·10	...	...	...	...
		Sherpore Town	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dewanganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·28	...	...	...	...
NORTH BENGAL	Pabna ..	Pabna ...	...	...	...	...	...	...	...	...	0·14	...	...	...	...	...	0·06	...	...	...	...	...
		Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	0·10	...	...	...	...
	Bogra ...	Sherpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·33	...	...	...	...
		Nowkhilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·29	...	...	...	...	...
		Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	0·16	...	...	...	...
		Panchbibi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·45	...	...	...	...	...
	Rajshahi ...	Boalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·63	...	...	...	...	...
		Nator ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·23	0·00	...	...	...	...
		Naogaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·40	...	...	...	...	...
		Lalpore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...	...	...	...
		Manda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·54	...	...	...	...	...
	Malda ...	Malda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·47	0·23	...	...	...	...
		Chanchal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·18	...	...	...	...	...
		Gajol ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	...	...	...
		Sibganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·64	...	...	...	...	...
	Dinajpur ...	Mohadebpore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·48	...	...	...	...	...
		Churamon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·24	...	...	...	...	...
		Raigunge ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...	...	...	...
		Dinajpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·28	0·03	...	...	...	...
		Baloorghat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·37	...	...	...	...	...
		Thakurgaon...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·18	...	...	...	...	...
	Rangpur ...	Bhawanigunge (*Gyabanda*).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	0·10	...	...	...	...
		Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·25	0·03	...	...	...	...
		Kurigram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·45	...	...	...	...	...
		Bagdogra (*Nilphamari*).	...	...	...	...	...	...	...	...	0·00	...	...	...	...	...	0·33	0·01	...	...	...	...
		Ulipore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·39	...	...	...	...
	Jalpaiguri ...	Jalpaiguri ...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...	0·03	0·53	...	...	...	...
		Alipore Dooar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·32	0·52	...	...	...	...
		Falacotta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·13	0·29	0·84	...	...	...	...
		Debiganj ...	...	...	...	...	...	...	...	...	0·05	...	...	...	...	...	0·26	...	...	...	...	...
		Bhagatpore (*Nagrakatta*).	...	...	0·08	...	...	...	...	...	0·05	...	...	...	...	0·43	1·12	0·57	...	...	...	...
	Kuch Bihár ...	Dinhatta ...	...	...	...	...	...	...	...	...	0·12	...	...	...	...	...	0·09	...	...	...	...	...
		Kuch Bihár ...	...	...	...	...	...	...	...	...	0·21	...	...	...	...	...	0·19	...	...	...	...	...
		Mickilgunge...	...	...	...	...	...	...	...	...	0·07	...	...	...	...	...	0·37	...	...	...	...	...
		Mathabhanga	...	...	...	...	...	...	...	...	0·18	...	...	...	...	...	0·17	0·02	...	...	...	...
	Darjeeling Hill	Buxa ...	...	...	...	...	...	...	...	...	0·11	...	...	...	...	1·20	1·73	0·71	...	...	...	...
		Siliguri ...	...	...	...	...	...	...	...	...	0·02	...	...	...	...	...	0·35	0·35	0·05	...	...	...
		Darjeeling ...	...	...	...	...	...	...	...	...	0·20	0·02	...	...	...	0·05	1·67	0·20	...	...	...	...
		Kalimpong ...	...	...	...	...	...	...	...	...	0·24	...	...	...	...	0·05	1·10	0·20	...	...	...	...
		Kurseong ...	...	...	...	...	...	...	...	...	0·10	...	...	...	...	...	1·80	1·26	...	...	...	...
NORTH BIHAR	Purnea ..	Kishanganj	...	...	...	...	...	...	...	...	0·21	...	...	...	...	...	0·10	...	...	...	...	...
		Araria ...	...	...	...	...	...	...	...	...	0·02	...	...	...	...	...	0·11	...	...	...	...	...
		Purnea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	...	...	...	...
		Gondwara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barsoe ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...	...
		Matiari ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kaliaganj ...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...	...	...	...	...	...	...
	North Bhágalpur.	Madhipura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·31	...	...	...	...	...
		Soopool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·23	...	...	...	...	...
		Protabganj ...	...	...	...	...	...	...	...	...	0·05	...	...	...	...	...	0·28	...	...	...	...	...

In Bengal in February 1892—*continued.*

21	22	23	24	25	26	27	28	29	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 16th October 1891 to 29th February 1892.	Average rainfall from 16th October to 29th February.	Station.	District.	Meteorological division.
...	...	...	...	...	...	...	...	...	Nil	1·12	0·02	1·18	0·02	0·95	5·94	Patuakhali ...	Backergunge.	EAST BENGAL—*concld.*
...	...	...	...	...	...	...	...	...	Nil	1·80	Nil	1·29	Nil	1·69	5·54	Pirojpur.		
...	...	...	0·11	...	...	...	0·15	...	2	1·75	0·26	1·00	0·15	2·47	5·27	Barisal.		
...	...	...	...	...	...	...	...	...	Nil	1·38	Nil	0·78	Nil	0·53	5·09	Bhola.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	4·01	?	*Gournaddi.*		
...	...	...	...	...	...	...	...	...	1	?	0·14	?	0·14	1·74	?	*Bauphal.*		
...	...	...	...	...	...	...	0·26	...	1	1·60	0·26	0·91	0·26	3·03	5·94	Noakhali ...	Noakhali.	
...	0·85	...	0·10	...	...	...	...	...	4	1·69	1·48	1·19	0·85	3·57	7·68	Fenny.		
...	...	...	...	0·15	...	...	...	...	1	?	0·15	?	0·15	0·62	?	*Harishpore.*		
...	...	...	0·31	...	...	...	...	...	1	?	0·31	?	0·31	1·70	?	*Ramganj.*		
...	...	...	0·22	...	...	...	...	...	2	1·68	0·37	0·97	0·22	4·61	3·51	Madaripur ..	Faridpur.	
...	...	0·03	...	...	...	...	...	...	1	2·05	1·37	1·41	1·34	2·44	4·12	Faridpur.		
...	...	...	...	...	...	0·03	...	...	1	1·72	0·81	1·22	0·78	1·34	3·85	Goalundo.		
...	...	...	0·09	...	...	...	0·23	...	2	2·06	0·86	1·35	0·54	4·64	5·02	Munshiganj ...	Dacca.	
...	...	...	...	...	...	...	0·10	...	2	1·90	1·10	1·15	1·00	3·06	3·28	Dacca.		
...	...	...	0·06	...	...	0·05	...	...	1	2·00	0·83	0·99	0·72	4·17	5·12	Narainganj.		
...	...	...	...	...	...	0·02	0·05	...	1	1·88	1·13	1·15	1·04	1·95	3·74	Manikganj		
...	...	...	...	...	...	...	...	...	2	?	1·28	?	1·12	3·23	?	*Joydebpore.*		
...	...	...	0·20	...	...	...	...	...	3	1·75	0·83	1·03	0·40	8·23	5·09	Agartola ..	Hill Tippera.	
...	...	...	0·07	...	...	...	...	...	Nil	2·00	0·07	0·87	0·07	6·49	4·10	Comilla	Tippera.	
...	...	...	...	...	...	0·12	1·65	...	3	2·00	2·15	0·89	1·65	6·60	3·81	Chandpore.		
...	...	...	...	...	...	...	...	...	2	2·27	0·42	1·30	0·32	5·01	4·53	Brahmanbaria.		
...	...	...	0·15	...	...	...	0·19	...	3	?	0·80	?	0·52	4·28	?	*Ramchandrapore.*		
...	...	...	0·50	...	...	...	0·50	...	3	?	1·90	?	0·80	3·45	?	*Nasirnagar.*		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	3·17	?	*Daudkandi.*		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	7·44	?	*Kasba.*		
...	0·15	...	1·00	...	...	...	...	...	3	?	1·40	?	1·00	3·45	?	*Laksham.*		
...	...	...	...	...	...	...	...	...	1	1·53	0·30	0·86	0·21	1·97	3·54	Kishoregunge.	Mymensingh.	
...	...	...	...	...	...	...	...	...	2	1·47	0·82	1·18	0·44	1·45	3·85	Atia (*Tangail*).		
...	...	...	...	...	...	...	...	...	2	1·30	1·53	1·01	1·22	4·10	4·03	Mymensingh.		
...	...	...	...	...	...	...	...	...	1	1·47	0·20	1·07	0·20	3·20	3·87	Jamálpur.		
...	...	...	...	...	...	...	...	...	3	0·71	1·73	0·40	1·15	3·44	3·32	Netrokona.		
...	...	...	...	...	...	...	...	...	1	?	0·18	?	0·18	1·28	?	*Subornakhally.*		
...	...	...	...	...	...	...	...	...	3	?	2·02	?	1·20	?	?	*Durgapore.*		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·08	?	*Sherepore Town*		
...	...	...	...	...	...	...	...	...	1	?	0·28	?	0·28	2·12	?	*Dewanganj.*		
...	...	...	...	...	...	0·13	...	...	2	1·50	0·33	1·00	0·14	1·32	3·48	Pabna ...	Pabna ...	NORTH BENGAL.
...	...	...	...	...	...	...	...	...	1	1·47	0·16	1·01	0·10	1·25	3·89	Sirajganj.		
...	...	...	...	...	...	...	...	...	1	1·20	0·33	0·90	0·33	2·97	3·69	Sherpore	Bogra.	
...	...	...	...	...	...	...	...	...	1	1·58	0·29	0·85	0·29	2·96	3·65	Nowkhilla.		
...	...	...	...	...	...	...	...	...	2	1·35	0·31	0·85	0·16	3·91	3·29	Bogra.		
...	...	...	...	...	...	...	...	...	1	1·23	0·45	0·52	0·45	0·90	2·23	Panchbibi.		
...	...	...	...	...	...	...	...	...	1	1·35	0·63	0·79	0·63	0·94	2·80	Boalia	Rajshahi.	
...	...	...	0·08	...	...	...	...	...	2	1·26	0·91	0·89	0·60	2·35	3·49	Nator.		
...	...	...	...	...	...	...	...	...	1	1·00	0·40	0·35	0·40	2·30	1·79	*Naogaon.*		
...	...	...	...	...	...	0·10	...	...	2	?	0·40	?	0·30	1·47	?	*Lalpore.*		
...	...	...	...	...	...	...	...	...	1	?	0·54	?	0·54	1·54	?	*Manda.*		
...	...	...	...	...	...	...	...	...	2	1·10	0·70	0·52	0·47	0·56	2·93	Malda	Malda.	
...	...	...	...	...	...	...	...	...	1	1·67	0·18	0·66	0·18	0·20	2·12	Chanchal.		
...	...	...	...	...	...	...	...	...	1	?	0·50	?	0·50	0·65	?	*Gajol.*		
...	...	...	...	...	...	...	...	...	1	?	0·64	?	0·64	1·57	?	*Sibganj.*		
...	...	...	...	...	...	...	...	...	1	1·18	0·48	0·64	0·48	1·18	2·27	Mohadebpore	Dinajpur.	
...	...	...	...	...	...	...	...	...	1	1·10	0·24	0·42	0·24	0·32	1·88	Churamon.		
...	...	...	...	...	...	...	...	...	1	1·15	0·30	0·51	0·30	0·30	1·74	Raigunge.		
...	...	...	...	...	...	...	...	...	1	1·25	0·31	0·50	0·28	0·31	3·01	Dinajpur.		
...	...	...	...	...	...	...	...	...	1	1·00	0·37	0·26	0·37	0·54	1·97	Baloorghat.		
...	...	...	...	...	...	...	...	...	1	?	0·18	?	0·18	0·18	?	*Thakurgaon.*		
...	...	...	...	...	...	...	...	...	2	1·21	0·30	0·51	0·20	0·84	2·78	Bhawanigunge (*Gyabanda*).	Rangpur.	
...	...	...	...	...	...	...	...	...	1	1·00	0·28	0·39	0·25	0·37	3·81	Rangpur.		
...	...	...	...	...	...	...	...	...	1	0·93	0·45	0·31	0·45	0·51	2·14	Kurigram.		
...	...	...	...	...	...	...	...	...	1	1·28	0·40	0·52	0·33	0·40	2·4[illegible]	Baudogra. (*Nilphamari.*)		
...	...	...	...	...	...	...	...	...	1	?	0·39	?	0·39	0·57	?	*Ulipore.*		
...	...	...	...	...	...	...	...	...	1	1·05	0·60	0·28	0·53	0·60	3·77	Jalpaiguri ...	Jalpaiguri.	
...	...	...	...	...	...	...	...	...	2	?	0·84	?	0·52	0·84	?	*Alipore Dooar.*		
...	...	...	...	...	...	...	...	...	3	?	1·26	?	0·84	1·26	?	*Falacotta.*		
...	...	...	...	...	...	...	...	...	1	?	0·31	?	0·26	0·31	?	*Debiganj.*		
...	...	...	...	...	...	...	...	...	3	?	3·25	?	1·13	3·66	?	*Bhagatpore (Nagrakatta).*		
...	...	...	...	...	...	...	...	...	1	1·18	0·21	0·41	0·12	0·21	2·98	Dinhatta ...	Kuch Bihar.	
...	...	...	...	...	...	0·02	...	...	2	1·11	0·40	0·29	0·21	0·40	2·58	Kuch Bihar		
...	...	...	...	...	...	...	...	...	1	1·18	0·46	0·53	0·37	0·46	2·82	Mickligunge.		
...	...	...	...	...	...	...	...	...	2	1·18	0·37	0·45	0·18	0·37	2·62	Matabhanga		
...	...	...	...	...	...	...	...	...	4	2·30	3·75	0·86	1·73	6·51	7·06	Buxa ...	Darjeeling.	
...	...	...	...	...	...	...	...	...	2	0·85	0·77	0·24	0·35	0·77	2·04	Siliguri.		
...	...	...	...	...	...	...	...	...	3	2·65	2·14	0·82	1·67	2·80	6·00	Darjeeling.		
...	...	...	...	...	...	...	...	...	3	2·25	1·74	0·65	1·16	2·35	2·76	Kalimpong.		
...	...	...	...	...	...	...	...	...	3	?	3·16	?	1·80	3·22	?	Kurseong.		
...	...	...	...	...	...	...	...	...	2	1·22	0·31	0·44	0·21	0·31	2·42	Kishanganj ..	Purnea ..	NORTH BIHAR.
...	...	...	...	...	...	...	...	...	1	1·00	0·13	0·53	0·11	0·13	2·37	Araria.		
...	...	...	...	...	...	...	...	...	Nil	1·11	0·08	0·56	0·08	0·08	2·88	Purnea.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Gondwara.*		
...	...	...	...	...	...	...	...	...	Nil	?	0·20	?	0·20	0·20	?	*Barsoe.*		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Matiari.*		
...	...	...	...	...	...	...	...	...	Nil	?	0·04	?	0·04	0·04	?	*Kaliaganj.*		
...	...	...	...	...	...	...	...	...	1	1·21	0·31	0·60	0·31	0·31	2·56	Madhipura .	North Bhágalpur.	
...	...	...	...	...	...	...	...	...	1	0·89	0·23	0·39	0·23	0·23	2·02	Supaul.		
...	...	...	...	...	...	...	...	...	1	?	0·33	?	0·28	0·33	?	*Pratabganj.*		

Table of Rainfall recorded at Stations in

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NORTH BIHAR —concld.	Darbhanga	Tajpore	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	0·42	...	...	...	...	...
		Darbhanga	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...	0·80	...	...	...	...	...
		Madhubani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·81	...	...	...	...	...
		Bahera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...	...
		Roshera	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·40	...	...	...	...	...
	Muzaffarpur	Sitamarhi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·23	...	...	...	...	...
		Muzaffarpur	...	...	...	...	...	...	...	...	...	...	...	...	0·12	...	0·70	...	...	...	...	...
		Hajipur	...	...	...	...	...	...	...	...	...	...	...	...	0·01	0·20	0·87	...	...	...	...	...
		Paru	...	...	...	...	...	...	...	...	...	...	...	...	...	0·70	...	...	...	...	...	...
		Mahua	...	...	...	...	...	...	...	...	...	...	...	...	...	0·70	...	...	...	...	...	...
		Seuhar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pupri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·40	...	...	...	...	...
	Champaran	Motihari	...	...	...	...	...	...	...	...	0·08	...	...	...	0·03	...	...	...	...	...	...	...
		Bettiah	...	...	...	...	...	...	...	0·04	...	...	...	...	0·11	...	...	...	...	...	...	...
		Bagaha	...	...	...	...	...	...	...	0·06	0·04	...	...	...	...	...	...	...	...	...	...	...
		Burhurwa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...
	Saran	Gopalgunge	...	...	...	...	...	...	...	0·03	...	...	...	...	...	...	0·12	...	...	...	...	...
		Siwán	...	...	...	...	...	...	...	0·08	...	...	...	0·03	...	0·83	...	...	...	...	...	...
		Chapra	...	...	...	...	...	...	...	...	0·03	...	...	...	0·15	0·18	0·75	...	...	...	...	...
SOUTH BIHAR	Shahabad	Buxar	...	...	...	...	...	...	...	0·02	...	...	...	...	0·20	0·41	0·58	...	...	...	...	...
		Dehri	...	...	...	...	...	...	...	...	...	...	...	0·21	0·12	0·01	0·13	...	...	...	...	...
		Bhabhua	...	...	...	...	...	...	...	...	...	...	0·01	0·29	0·12	0·23	1·73	...	...	...	...	...
		Sasarám	...	...	...	...	...	...	...	...	...	...	...	0·16	0·12	0·04	0·35	...	...	...	...	...
		Arrah	...	...	...	...	...	...	...	...	...	...	...	0·09	0·31	0·05	...	...	...	...	...	...
		Mohaniah	...	...	...	...	...	...	...	...	...	...	...	0·06	0·09	0·20	1·20	...	...	...	...	...
		Khiri	...	...	...	...	...	...	...	...	...	...	0·25	0·10	0·20	3·58	...	...	...	...	...	...
		Agoaon	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	1·16	...	...	...	...	...
		Rammagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·84	...	...	...	...	...
		Koath	...	...	...	...	...	...	...	...	...	...	...	0·04	...	0·23	1·30	...	...	...	...	...
		Sikroul	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	0·80	...	...	...	...	...
		Bassawan	...	...	...	...	...	...	...	...	...	...	...	0·16	0·15	0·17	1·59	...	...	...	...	...
		Manaharpur	...	...	...	...	...	...	...	...	...	...	...	0·24	0·22	0·20	1·87	...	...	...	...	...
	Gaya	Aurungabad	...	...	...	...	...	...	...	...	...	...	...	0·48	0·29	0·22	0·22	...	...	...	...	...
		Gaya	...	...	...	...	...	...	...	...	...	...	...	0·35	0·10	...	0·22	...	...	...	...	...
		Nawádah	...	...	...	...	...	...	...	...	...	...	...	0·11	0·05	0·05	0·23	...	...	...	...	...
		Jahanabad	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	0·07	...	...	...	...	...
		Arwal	...	...	...	...	...	...	...	...	...	...	...	...	...	0·35	1·05	...	...	...	...	...
		Daudnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	0·14	...	...	...	...	...
		Sherghati	...	...	...	...	...	...	...	...	...	...	...	...	...	0·50	1·02	...	...	...	...	...
		Rajauli	...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	0·31	...	...	...	...	...
		Pakri Barawan.	...	...	...	...	...	...	...	...	...	...	...	0·07	0·03	...	0·20	...	...	...	...	...
	Patna	Patna	...	...	...	...	...	...	...	...	...	...	...	...	0·02	0·21	1·00	...	...	...	...	...
		Dinapore	...	...	...	...	...	...	...	...	...	...	...	...	0·04	0·22	0·42	...	...	...	...	...
		Bihar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...	...	...	...
		Barh	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	0·20	...	...	...	...	...
		Bickram	...	...	...	...	...	...	...	...	...	...	...	...	...	0·52	1·43	...	...	...	...	...
		Hilsa	...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	0·07	...	...	...	...	...
	Monghyr	Begusarai	...	...	...	...	...	...	...	...	...	...	...	...	...	0·17	0·54	...	...	...	...	...
		Monghyr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·17	...	...	...	...	...
		Jamui	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·40	...	...	...	...	...
		Gogri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sheikpura	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·23	...	...	...	...	...
	South Bhágalpur.	Bhágalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·19	...	...	...	...	...
		Banka	...	...	...	...	...	...	...	...	...	...	...	0·09	...	...	0·72	...	...	...	...	...
		Kolgong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bangaon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·41	...	...	...	...	...
	Sonthal Parganas.	Rajmahal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·56	...	...	...	...	...
		Godda	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	0·70	...	...	...	...	...
		Pakour	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	0·19	...	...	...	...	...
		Naya Dumka	...	...	...	...	...	...	...	...	...	...	...	0·07	0·02	...	1·04	...	...	...	...	...
		Deoghur	...	...	...	...	...	...	...	...	...	...	...	0·07	0·04	...	0·90	...	...	...	...	...
		Jamtara	...	...	...	...	...	...	...	...	...	...	...	0·19	...	0·06	0·88	...	...	...	...	...
		Mohagama	...	...	...	...	...	...														
		Nunihat	...	...	...	...	...	...								...	0·95	...	...	...	...	...
CHOTA NAGPUR.	Hazáribágh	Pachamba (*Giridi*).	...	...	...	...	...	...	...	...	...	...	...	0·47	0·10	0·05	0·83	...	...	...	...	...
		Hazáribágh	...	...	...	...	...	...	...	...	...	...	0·16	0·85	0·03	0·11	0·85	...	...	...	...	...
		Semtagurah	...	...	...	...	...	...	...	...	...	...	0·10	0·75	...	0·65	...	...	...	...	...	...
		Mahudi Hills	...	...	...	...	...	...														
		Jhoomrah Hills	...	...	...	...	...	...	...	...	...	...	0·30	...	0·29	0·20	...	...	...	...	...	...
		Barhi	...	...	...	...	...	...	...	...	...	...	0·06	0·21	0·11	0·20	0·76	...	...	...	...	...
		Chatra	...	...	...	...	...	...	...	...	...	...	0·22	0·53	0·25	0·03	0·50	...	...	...	...	...
		Karagdeha	...	...	...	...	...	...	...	...	...	...	...	0·20	0·06	...	0·78	...	...	...	...	...
		Ramghar	...	...	...	...	...	...														
	Lohardaga	Lohardaga	...	...	...	...	...	...	...	...	...	0·17	0·30	0·03	0·72	0·48	...	...	...	...	...	...
		Ranchi	...	...	...	...	...	...	...	...	...	...	0·09	0·30	...	0·75	0·36	...	...	...	...	...
		Palámau	...	...	...	...	...	...	...	...	...	...	0·06	0·47	0·06	0·05	0·13	...	...	...	...	...
		Silli	...	...	...	...	...	...	...	...	0·05	...	0·10	0·15	0·19				...	...	...	...
		Balumat	...	...	...	...	...	...	...	...	...	...	0·28	0·42	0·11	0·22	0·15	...	...	...	...	...
		Hoseinabad	...	...	...	...	...	...	...	...	...	...	...	0·54	0·14	0·09	0·39	...	...	...	...	...
		Garwah	...	...	...	...	...	...	...	...	...	...	0·09	0·50	0·14	0·35	0·31	...	...	...	...	...
	Singhbhum	Chaibassa		...	...	...	...	...		...	...	...	...	...	...	0·27	0·01	...	...	...	...	...
		Chakradharpore.	...	...	...	...	...	...														
		Ghatsila	...	...	...	...	...	...	...	...	...	...	...	...	...							
		Baharagura	...	...	...	...	...	...	...	...	...	...	...	...	...							
	Manbhum	Purulia	...	...	...	...	...	...	...	...	...	...	...	...	...	0·23	0·76	...	...	...	...	...
		Gobindpur	...	...	...	...	...	...	...	...	...	...	0·24	0·06	...	0·02	0·63	...	...	...	...	...
		Raghunathpore.	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	0·48	...	...	...	...	...
		Barrabhoom	...	...	...	...	...	...	...	...	...	...	...	0·06	...	0·60	0·36	...	...	...	...	...
		Jhalda	...	...	...	...	...	...	...	...	...	...	...	0·12	...	0·16	0·96	...	...	...	...	...
		Chas	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	0·58	...	...	...	...	...
		Pandra	...	...	...	...	...	...	...	...	...	...	...	0·28	0·04	...	0·73	0·07	...	...	...	...

Bengal in February 1892—concluded.

21	22	23	24	25	26	27	28	29	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 16th October 1891 to 29th February 1892.	Average rainfall from 16th October to 29th February.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	0·01	...	...	1	0·84	0·47	0·38	0·42	0·47	1·90	Taipore ..	Darbhanga ...	NORTH BIHAR—concld.
...	...	...	...	...	...	...	...	...	1	1·32	0·91	0·43	0·86	0·94	2·02	Darbhanga.		
...	...	...	...	...	...	...	...	...	1	0·77	0·81	0·39	0·81	0·81	1·99	Madhubani.		
...	...	...	...	...	...	...	...	...	1	?	0·20	?	0·20	0·20	?	*Bahera.*		
...	...	...	...	...	...	...	...	...	1	?	0·40	?	0·40	0·40	?	*Roshera.*		
...	...	...	...	...	...	...	...	...	1	1·11	0·23	0·30	0·23	0·23	1·60	Sitamarhi	Muzaffarpur.	
...	...	...	...	...	...	...	...	...	2	1·26	0·82	0·41	0·70	0·82	2·89	Muzaffarpur		
...	...	...	...	...	...	...	...	...	2	1·17	1·08	0·40	0·87	1·33	2·09	Hajipur.		
...	...	...	...	...	...	...	...	...	1	?	0·70	?	0·70	0·70	?	*Paru.*		
...	...	...	...	...	...	...	...	...	1	?	0·70	?	0·70	0·75	?	*Mahua.*		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Sinhar.*		
...	...	...	...	...	...	...	...	...	1	?	0·40	?	0·40	0·40	?	*Pupri.*		
...	...	...	...	...	...	...	...	...	Nil	1·06	0·11	0·35	0·08	0·11	1·57	Motihari ...	Champaran.	
...	...	...	...	...	...	...	...	...	1	1·17	0·15	0·41	0·11	0·15	1·58	Bettiah.		
...	...	...	...	...	...	...	...	...	Nil	?	0·10	?	0·08	0·10	?	*Bagaha.*		
...	...	...	...	...	...	...	...	...	Nil	?	0·04	?	0·04	0·04	?	*Burhurwa.*		
...	...	...	...	...	...	...	...	...	1	1·18	0·15	0·53	0·12	0·22	1·79	Gopalgunge ..	Saran.	
...	...	...	...	...	...	...	...	...	1	1·05	0·91	0·48	0·83	1·03	2·57	Siwán.		
...	...	...	...	...	...	...	...	...	3	0·81	1·11	0·33	0·75	1·11	2·39	Chapra.		
...	...	...	...	...	...	...	...	...	3	1·10	1·21	0·36	0·58	1·42	2·66	Buxar ...	Shahabad .	SOUTH BIHAR.
...	...	...	...	...	...	...	...	...	3	0·67	0·47	0·20	0·21	0·51	2·58	Dehri.		
...	...	...	...	...	...	...	...	...	4	1·27	2·38	0·40	1·75	2·81	3·05	Bhabhua.		
...	...	...	...	...	...	...	...	...	3	1·26	0·67	0·46	0·35	0·73	2·65	Sasarám.		
...	...	...	...	...	...	...	...	...	2	0·85	1·35	0·15	0·95	1·41	2·38	Arrah.		
...	...	...	...	...	...	...	...	...	3	?	2·15	?	1·20	2·33	?	*Mohaniah.*		
...	...	...	...	...	...	...	...	...	4	?	4·13	?	3·58	?	?	*Khiri.*		
...	...	...	...	...	...	...	...	...	2	?	1·36	?	1·10	?	?	*Ageaon.*		
...	...	...	...	...	...	...	...	...	1	?	0·84	?	0·84	?	?	*Ramnagar.*		
...	...	...	...	...	...	...	...	...	2	?	1·61	?	1·31	?	?	*Koath.*		
...	...	...	...	...	...	...	...	...	2	?	1·00	?	0·80	?	?	*Sikroul.*		
...	...	...	...	...	...	...	...	...	4	?	1·98	?	1·50	?	?	*Bassiwan.*		
...	...	...	...	...	...	...	...	...	4	?	2·53	?	1·87	?	?	*Manoharpur.*		
...	...	...	...	...	...	...	...	...	4	1·16	1·21	0·33	0·48	1·58	1·96	Aurungabad	Gaya.	
...	...	...	...	...	...	0·02	...	...	3	1·10	0·67	0·53	0·35	1·52	2·47	Gaya.		
...	...	...	...	...	...	...	...	...	2	0·84	0·46	0·46	0·23	0·54	2·33	Nawadah.		
...	...	...	...	...	...	...	...	...	Nil	1·18	0·11	0·40	0·07	0·11	2·22	Jehanabad.		
...	...	...	...	...	...	...	...	...	2	?	1·40	?	1·05	1·40	?	*Arwal.*		
...	...	...	...	...	...	...	...	...	2	?	0·24	?	0·14	0·24	?	*Daudnagar.*		
...	...	...	...	...	...	...	...	...	2	?	1·52	?	1·02	1·78	?	*Sherghati.*		
...	...	...	...	...	...	...	...	...	2	?	0·60	?	0·31	2·10	?	*Rajauli.*		
...	...	...	...	...	...	...	...	...	1	?	0·30	?	0·23	0·33	?	*Pakri Barawan.*		
...	...	...	...	...	...	...	...	...	2	1·00	1·23	0·38	1·00	1·50	2·38	Patna .	Patna.	
...	...	...	...	...	...	...	...	...	2	0·95	0·68	0·30	0·42	0·88	2·22	Dinapore.		
...	...	...	...	...	...	...	...	...	1	1·42	0·30	0·52	0·30	0·36	2·71	Bihar.		
...	...	...	...	...	...	...	...	...	1	1·05	0·25	0·43	0·20	0·38	2·30	Barh.		
...	...	...	...	...	...	...	...	...	2	?	1·95	?	1·43	1·95	?	*Bickram.*		
...	...	...	...	...	...	0·02	...	...	Nil	?	0·16	?	0·07	0·57	?	*Hilsa.*		
...	...	...	...	...	...	...	...	...	2	1·27	0·71	0·53	0·54	0·76	2·71	Begusarai	Monghyr.	
...	...	...	...	...	...	...	...	...	1	1·35	0·17	0·59	0·17	0·17	2·46	Monghyr.		
...	...	...	...	...	...	...	...	...	1	1·32	0·49	0·60	0·49	0·59	2·24	Jamui.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Gogri.*		
...	...	...	...	...	...	...	...	...	1	?	0·23	?	0·23	0·23	?	*Sheikpura.*		
...	...	...	...	...	...	...	...	...	1	1·25	0·19	0·48	0·19	0·29	2·21	Bhágalpur	South Bhágalpur.	
...	...	...	...	...	...	...	...	...	1	1·11	0·81	0·50	0·78	0·89	2·77	Banka.		
...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Kolgong.*		
...	...	...	...	...	...	...	...	...	1	?	0·41	?	0·41	0·41	?	*Bongaon.*		
...	...	...	...	...	...	...	...	...	1	0·83	0·56	0·27	0·56	0·70	1·74	Rajmahal .	Sonthal Parganas	
...	...	...	...	...	...	...	...	...	2	1·24	0·81	0·54	0·70	0·83	2·16	Godda.		
...	...	...	...	...	...	...	...	...	1	1·00	0·23	0·32	0·19	2·07	1·72	Pakour.		
...	...	...	...	...	...	...	...	...	1	1·44	1·13	0·72	1·04	1·51	3·04	Naya Dumka.		
...	...	...	...	...	...	...	...	...	1	1·22	1·01	0·63	0·95	1·19	3·16	Deoghur.		
...	...	...	...	...	...	...	...	...	2	1·00	1·13	0·36	0·88	1·43	2·05	Jamtara		
...	...	...	...	...	...	...	...	...		?		?	?	?	?	*Mohagama.*		
...	...	...	...	...	...	...	...	...		?	0·95	?	0·05	2·71	?	*Nunihat.*		
...	...	...	...	...	...	...	...	...	3	1·32	1·45	0·66	0·83	1·45	2·48	Pachamba (*Giridih*). ..	Hazáribágh .	CHOTA NAGPUR.
0·02	...	...	...	...	...	...	...	...	4	1·50	2·02	0·72	0·85	2·17	2·75	Hazáribágh.		
...	...	...	...	...	...	...	...	...	3	1·09	1·50	0·51	0·75	1·50	1·98	Sembagurah.		
...	...	...	...	...	...	...	...	...		1·18		0·58			2·44	Mahudi Hills.		
...	...	...	...	...	...	...	...	...	3	1·29	0·70	0·41	0·30	1·20	2·57	Jhoomrah Hills.		
0·02	...	...	...	...	...	...	...	...	4	?	1·31	?	0·76	1·41	?	*Barhi.*		
...	...	...	...	...	...	...	...	...	4	?	1·55	?	0·53	1·60	?	*Chatra.*		
...	...	...	...	...	...	...	...	...	3	?	1·64	?	0·78	1·81	?	*Karagdcha.*		
...	...	...	...	...	...	...	...	...		?		?			?	*Ramghar.*		
0·07	...	...	...	...	0·14	0·05	...	...	5	0·83	1·91	0·40	0·72	2·13	·17	Lohardaga	Lohardaga.	
...	...	...	...	...	...	...	...	...	3	1·94	1·55	1·10	0·75	1·81	3·31	Ranchi.		
...	...	...	...	...	...	...	...	...	3	1·26	0·77	0·49	0·47	0·83	2·78	Palámau.		
...	...	...	...	...	...	...	...	...		?		?			?	*Silli.*		
...	...	...	...	...	...	...	...	...	5	?	1·18	?	0·42	1·18	?	*Balumat.*		
...	...	...	...	...	...	...	...	...	3	?	1·16	?	0·54	1·66	?	*Hoseinabad.*		
...	...	...	...	...	...	...	...	...	4	?	1·39	?	0·50	1·49	?	*Garwah.*		
...	...	...	...	...	...	...	...	...	2	1·35	1·18	0·84	0·01	1·72	3·44	Chaibassa	Singhbhum.	
...	...	...	...	...	...	...	...	...		?		?			?	*Chakradharpore.*		
...	...	...	...	...	...	...	...	...		?		?			?	*Ghatsila.*		
...	...	...	...	...	...	...	...	...				?			?	*Baharagura.*		
...	...	...	...	...	...	...	...	...	3	1·75	0·98	0·99	0·76	1·63	2·87	Purulia .	Manbhum.	
...	...	...	...	...	...	...	...	...	2	1·11	0·95	0·88	0·63	1·29	2·76	Gobindpur.		
...	...	...	...	...	...	...	...	...	1	?	0·56	?	0·48	0·56	?	*Raghunathpore.*		
...	...	...	...	...	...	...	...	...	2	?	1·02	?	0·61	1·72	?	*Barrabhoom.*		
...	...	...	...	...	...	...	...	...	3	?	1·24	?	0·96	1·47	?	*Jhalda.*		
...	...	...	...	...	...	...	...	...	2	?	0·78	?	0·58	0·97	?	*Chas.*		
...	...	...	...	...	...	...	...	...	2	?	1·12	?	0·73	?	?	*Pandra.*		

SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE MONTH OF FEBRUARY 1892.

THE important features in the meteorology of February in Bengal and Assam have been—

1. The mean pressure has been below the normal in all districts. The defect generally slightly exceeds a twentieth of an inch, but it is largest in North Bengal and Assam, where at several stations it is nearly equal to 0·09". The variations of pressure from day to day during the month have also been large.

2. Temperature has been in considerable excess of the normal almost throughout the month. This excess has averaged generally from 2° to 4°, and it has been smallest in Orissa and Chota Nagpur and highest in North Bengal and South Bihár. In Assam also the excess has been rather larger than 2°.

3. Humidity has been below the normal in the southern and south-western districts, but elsewhere it has generally been above it. The variation of the cloud proportion from the normal has been small and a little irregular.

4. Only one important barometric depression, which travelled in an easterly or south-easterly direction from North-Western India, advanced towards and partially over Bengal during the month. This depression appeared on the Western Desert on February the 10th, and advanced slowly in an east-south-easterly direction, and on the 13th its centre was near Agra and Delhi, and it was still a considerable storm; and on the 14th it was near Cawnpur and Sutna, but on the 15th and subsequent days it filled up and disappeared. It gave disturbed weather for several days, particularly between the 11th and 16th. Several other, but much more feeble, barometric depressions appeared in North-Western India during the month and advanced south-eastwards, but these caused little disturbance to the weather in Bengal beyond giving very high temperature and low pressure, and in addition a few local rain showers. On the whole, therefore, the month of February was an unusually quiet one, and weather was fine almost throughout the month.

5. Owing principally to the influence of the more important depression just noticed, fairly general rain was received in certain districts of the Province, the showers usually occurring from the 11th to the 16th. The amounts of rain which have thus fallen have been decidedly larger than the normal values in Chota Nagpur and South Bihár, while about normal amounts have fallen in North Bihár; but all other divisions have received rainfalls in defect of the normal for the month, and this has been particularly the case in South-West Bengal and Orissa.

Meteorology of the month.—For the first six or seven days of the month the changes of the meteorological conditions were of the usual oscillatory character which accompany fine settled weather, and therefore they call for no detailed comment. On the 7th there had been a brisk fall of pressure over the whole Province, while on the 8th it was rising slowly. The distribution of pressure on this day was, however, decidedly irregular, and the barometer was distinctly low over Central and North Bengal; north-west erly winds then set in at the western stations, while southerly and south-easterly winds were blowing over the eastern half of the Province. Considerable interaction was therefore taking place, and this resulted in the formation of a series of small local storms usually accompanied by rain, and on the morning of the 9th a large proportion of the stations in East and North Bengal and a few stations in North Bihár reported light to moderate rain. These disturbed conditions, however, quickly passed away from Bengal and weather became fine, though the majority of stations still reported southerly winds. On the 10th more important meteorological changes had taken place in North-Western India, where a barometric depression appeared over the Western Desert. On the 11th this depression had become more marked and was apparently travelling in an easterly direction, and in advance of the depression moderate general rain commenced to fall, though on the 11th only a few light showers were reported in the Province of Bengal, principally in Chota Nagpur. On the 11th, though the pressure changes in Bengal were exceedingly small, temperature had commenced to rise rather rapidly in front of the advancing depression, and had become from about 7° to 10° above the normal. On the 12th pressure had commenced to fall at the extreme western stations in Chota Nagpur, apparently being influenced by the advancing depression, which was reported on this date to have developed very considerably in intensity. Wind directions in the western districts of the Province also appeared to form the eastern part of a cyclonic circulation, though in the eastern half of the Province winds were north-westerly. Fairly general rain commenced in Chota Nagpur on the 12th, and rain also was reported on this day in Sonthal Parganas, Shahabad, and Gaya. On the 13th the barometric depression had advanced in an easterly direction, and its centre was near Agra and Jhansi, and it was still a considerable storm, and in Bengal rainfall had on this day extended over a considerable part of Bihár, though it was very light and perhaps not very general. On the morning of the 14th, the depression was between Cawnpore and Sutna, having moved slowly in an easterly direction. Pressure was hence falling moderately to rapidly in Bengal, while temperature was as usual rising rapidly in front of the advancing depression. Conditions generally on this day became decidedly disturbed; a few rain showers were reported in Bihár, and at Darjeeling a gale of wind was reported, pointing to the fact that the depression was largely influencing the upper layers of the atmosphere.

On the morning of the 15th the depression had to a great extent filled up and disappeared, and pressure was rising in Bengal, while on the other hand temperature had fallen rapidly. The depression gave very disturbed weather from the 14th to the 15th, and at Darjeeling a severe storm accompanied by a large amount of hail occurred, and 1·67 inches of rain (due to the melting of the hail) was registered. At most of the stations in the Province of Bengal, except those in East Bengal and Orissa, rain was also recorded on the morning of the 15th. A brisk to rapid increase of pressure had taken place on the 16th, and the effects of the depression had quite disappeared, winds became again generally northerly and north-westerly, and a fall of temperature varying from about 3° to nearly 9° occurred, and for the time ordinary cold weather conditions again became established in Bengal. From the 15th to the 16th practically no rain was reported except from a few stations in Orissa and South-West Bengal. From the 17th to the 19th the changes were quite unimportant, but on the 19th conditions again commenced to change in Bengal, for pressure began to fall briskly owing to the existence of another barometric depression which had appeared in North-Western India and which was advancing slowly down the Gangetic plain. On the morning of the 19th the centre of the depression was near Lucknow, but it was decidedly feeble and was giving little rain. Temperature in Bengal in front of the advancing depression as usual again rose and became above the normal by 2° or 3°. Winds also became generally southerly and humidity rose rapidly, and conditions became a little abnormal and unsettled, though no stations reported rain. On the 20th, pressure fell briskly in Bengal and became about a tenth of an inch below the normal, and a depression apparently existed in a feeble form over the province. Winds were, however, very irregular and did not show any distinct circulation. On the 21st pressure had again fallen rapidly in Bengal and a very distinct depression existed on this day, the centre of which was in North Bengal, where at some stations pressure was nearly a quarter of an inch below the normal. Temperature also rose rapidly and became from about 4° to 8° above the normal. On the 22nd the pressure changes over Bengal were very slight, but on the 23rd pressure again fell slowly to moderately in Bengal, and the depression in North Bengal became even more strongly marked, for at some stations, such as at Jalpaiguri and Dhubri, pressure had become nearly three-tenths of an inch below the normal. The wind directions on this day appeared to show that the centre of the disturbance had moved in an easterly direction and was probably passing into Assam. On the 24th pressure continued to fall at the eastern stations, while a moderate increase was taking place in the centre and west of the Province. The depression still existed over North Bengal and the western parts of Assam, with a defect of a quarter of an inch at some stations, and again winds showed a distinct cyclonic circulation round the centre. The effects of the disturbance were rather more marked on this day than they had been, and numerous stations, principally in East Bengal, reported light rain. On the 25th the depression commenced to pass away and a rapid increase of pressure took place, which at Dhubri exceeded a tenth of an inch. Winds were more northerly than they had been, and became at most stations north-westerly, and a very rapid fall of temperature and humidity set in, the fall in the mean temperature averaging 4° or 5,° while at some stations humidity decreased 20 and 30 per cent. On the 26th pressure continued to rise and temperature fell and became from about 2° to 4° below the normal, and dry westerly and north-westerly winds prevailed generally over the Province. On the 27th a rapid fall of pressure again set in over Central and Northern Bengal, the fall being largest at Purnea, where it exceeded a tenth of an inch, and there was a distinct tendency for a barometric depression to form over Bengal with a centre near Purnea. With this distribution of pressure winds again became more or less southerly at a large number of stations, and temperature and humidity generally increased rather rapidly. With these slightly disturbed conditions, a few stations, principally in East Bengal, again reported light rain showers. On the 28th this feeble low pressure area moved from Purnea in an easterly direction apparently over Assam or Upper Burma, and weather again became fine with increasing pressure and decreasing temperature over Bengal, and on this and the last day of the month conditions were quite settled and of ordinary north-east monsoon character

Pressure.—As stated previously, the mean pressure for the month has usually varied from 0·05" to 0·09" below the normal. The defect was, however, comparatively small in the first week of the month, for it only equalled from 0·02" to 0·04". In the second week the defects had rather increased, and at some stations they were as much as 0·06". In the third week the mean defect was about equal to, or perhaps rather less than, that of the first week of the month; but in the last week of the month, owing to the almost continuous existence of a barometric depression over North Bengal, the defect varied from about a fifth of an inch at such stations as Dinajpur and Jalpaiguri to a tenth of an inch in Orissa and Chota Nagpur.

In Assam the mean defect in pressure for the month was nearly 0·08".

Temperature—In the first week of the month was in excess of the normal by about five to six degrees. In the second week again temperatures were very high, and they averaged more than six degrees in excess of the normal. In the third week temperature was high at the commencement comparatively low in the middle when the weather was influenced by the cool wave of air following after the barometric depression, and again high at the close of the week, when the Province began to be influenced by another depression. The mean temperature for the third week was therefore only one degree above the normal. In the fourth week there were again large variations of temperature, but the mean was only about a degree and a half in excess of the normal. The mean temperature for the month has been about three to four degrees above the normal in South-West, East, and North Bengal and Bihár, and about two degrees above it in Assam, Chota Nagpur, and Orissa.

The following table shows generally the variation of the mean temperature from the normal, week by week, at nine typical stations in the Province:—

Stations.	Week ending 6th February 1892.			Week ending 13th February 1892.			Week ending 20th February 1892.			Week ending 27th February 1892.		
	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.
Cuttack	+2·0	+0·7	+1·4	+1·8	+2·1	+1·9	+0·2	−2·3	−1·1	+1·4	−1·0	+0·2
Calcutta	+4·8	+1·2	+3·0	+5·0	+5·1	+5·0	+1·1	−0·2	+0·4	+2·2	+1·5	+1·8
Dacca	+4·4	+5·1	+4·8	+3·1	+6·2	+4·6	−1·8	+1·3	−0·3	−0·4	+1·7	+0·7
Burdwan	+4·4	+3·6	+4·0	+4·0	+5·9	+5·0	−0·3	+0·6	+0·2	+2·3	+2·1	+2·2
Patna	+3·6	+5·6	+4·5	+4·2	+9·0	+6·6	−1·3	+4·2	+1·4	−0·3	+0·7	+0·2
Gaya	+4·6	+3·5	+4·1	+3·7	+4·6	+4·1	−0·7	+1·4	+0·3	+0·4	+2·0	+1·3
Purnea	+6·8	+2·1	+4·4	+4·8	+3·3	+4·1	+1·8	−0·9	+0·4	+2·9	−1·7	+0·5
Hazáribágh	+4·7	+4·7	+4·7	+3·0	+5·4	+4·2	−1·3	+1·0	−0·2	+0·5	−0·1	+0·2
Darjeeling	+5·5	+9·1	+7·6	+1·8	+5·5	+3·7	−4·0	−0·6	−2·3	−0·2	−1·2	−0·7

Rainfall.—The heaviest falls for the month have been reported in Chota Nagpur, which averages 1·30 inches, or a fall nearly twice as large as usual. In South Bihár the falls have averaged 0·75 inch or about 70 per cent. in excess of the usual fall, while in North Bihár the falls averaged 0·50 inch, or slightly in excess of the normal amount. In all other divisions the falls have been in defect. East Bengal has received an average amount of 0·71 inch, or about a third less than usual. North Bengal has received 0·38 inch, also a third less than usual. South-West Bengal has only averaged 0·27 inch, or about a fourth of the normal fall, and Orissa only 0·24 inch, which is also about a quarter of the usual amount. Over a large part of the Province, therefore, the rainfall of February has again been very deficient.

In the case of the districts, the heaviest fall has been reported from Darjeeling with 2·10 inches; Shahabad, Singbhum, Hazáribágh, Lohardaga, and Chittagong Hill Tracts have received falls between one and one and a half inches; Manbhum, Sonthal Parganas, Mymensingh, Tippera, Dacca, Faridpur, and Noakhali falls between three-quarters and one inch; Gaya, Saran, Darbhanga, Muzaffarpur, Rajshahi, Murshidabad, West Burdwan and Birbhum between half and three-quarters of an inch; South Bhágalpur and Monghyr, Jalpaiguri, Rangpur, Dinajpur, Malda, Pabna, Bogra, Bankura and Cuttack between a quarter and half an inch, and all other districts falls of less than a quarter of an inch, except in the case of South-West Midnapore and South 24-Parganas districts, which have received no rain at all.

In Assam during the month Sibsagar has received 4·08 inches of rain, Silchar 3·13 inches of rain, and Dhubri only 0·64 inch of rain.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the month of February 1892:—

Meteorological Divisions.	Temperature.						Rainfall.							
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of month above or below normal mean of month.	Of month.			Rainy days.			Since 16th Oct, 1891.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
Orissa	96·4	57·6	80·1	65·9	76·0	+1·5	0·24	0·91	−0·67	0·73	1·47	−0·74	6·68	5·66
South-West Bengal	95·3	49·1	85·0	60·9	73·0	+2·9	0·27	1·05	−0·78	0·70	1·69	−0·99	1·32	3·76
East Bengal	88·7	48·9	82·5	59·8	71·2	+3·2	0·71	1·03	−0·32	1·44	1·67	−0·23	3·12	4·79
North Bengal	90·3	46·1	82·0	54·7	68·4	+4·0	0·38	0·57	−0·19	1·28	1·21	+0·07	1·03	2·80
North Bihar	87·2	42·8	81·6	53·3	67·5	+3·6	0·50	0·43	+0·07	1·07	1·07	0	0·53	2·15
South Bihar	89·2	46·0	82·1	57·4	69·7	+3·8	0·75	0·44	+0·31	1·83	1·12	+0·71	0·99	2·46
Chota Nagpur	85·9*	49·2*	79·0*	56·0*	67·5*	+1·9*	1·30	0·67	+0·63	3·00	1·33	+1·67	1·55	2·75
Assam	86·4	46·1	78·2	56·8	67·5	+2·2								

* Chyebassa not included.

Meteorological Office, Bengal;
The 8th March 1892.

A. Pedler,
Meteorological Reporter to the Govt. of Bengal.

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of February 1892.

		Date.	Hour.
	Inches.		
The mean pressure of the month	29·895		
The average pressure of February from 24 years' registers ...	29·945		
The highest pressure in the month	30·095	1st	10
The lowest pressure in the month	29·688	23rd	16
The range of pressure	0·407		
	Hours.		
The total number of hours of bright sunshine during the month	253·8		
The maximum possible number of hours of sunshine ...	329·7		
	ϴ		
The mean temperature of the month	72·4		
The average temperature of February from 24 years' registers	73·0		
The highest temperature in the month	90·7	27th	
The lowest temperature in the month	52·2	17th	
The range of temperature during the month	38·5		
The mean daily range of temperature	23·1		
The greatest range of temperature in one day	30·0	19th	
	Per cent.		
The mean humidity of the month	65		
The average humidity of February from 24 years' registers ...	67		
	Inches.		
The mean vapour tension of the month	0·501		
The average vapour tension of February from 9 years' registers	0·538		
The mean cloud proportion of the month	1·82		
The average cloud proportion of February from 15 years' registers	1·79		
The total rainfall of the month	0·04		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground)	0·03		
The average fall of February from 48 years' registers ...	0·87		
The greatest fall in 24 hours	0·04	16th	
	Days.		
The number of rainy days in the month	1		
The average number of rainy days in February from 24 years' registers	3		
	ϴ		
The mean maximum equilibrium temperature of solar radiation during the month	139·1		
The mean difference of sun and air temperatures	54·3		
The greatest sun temperature	143·7	27th	
The greatest excess of sun over air temperature	57·5	29th	
The mean temperature of the nocturnal radiation thermometer on woollen cloth	54·3		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground	7·6		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature	11·9	28th	
	Miles.		
The mean movement of the wind per day	89·5		
The greatest movement of the wind in one day	148·0	27th	
The greatest movement of the wind in one hour	16·0	27th, 10 to 11 A.M.	

The number of hours with winds from each of the 8 points—

N. 89, N.E. 15, E. 13, S.E. 13, S. 67, S.W. 195, W. 111, N.W. 123, Calm 70.

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park Street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore ·003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 2·1° lower; and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0·6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

C. LITTLE,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 7th March 1892.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS. Air pressure. Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Wind. Prevailing direction.	Mean wind velocity.	Temperature. Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Puri	Puri	29·906	29·855	—	Variable	315	89·7	1st Mar.	63·6	1st Mar.	85·8	70·5	73·2	—	74·4
		Gopalpore	29·901	29·862	—·017	NWly	305	87·2	9th Feb.	67·9	1 & 2 ,,	85·3	70·0	77·7	—0·3	73·6
		False Point	29·915	29·878	—·040	Wly	201	86·0	5th Mar.	61·0	1st ,,	84·5	67·3	75·9	—1·8	73·9
	Cuttack	Cuttack	29·850	29·878	—·032	Calm	61	96·4	5th ,,	62·3	1st ,,	94·0	66·4	80·2	—2·5	72·0
	Balasore	Balasore	29·860	29·861	—·051	Variable	147	95·5	5th ,,	55·5	1st ,,	90·6	63·4	77·0	—0·6	71·4
South-West Bengal.	South-West Midnapore, South 24-Parganas	Saugor Island	29·895	29·865	—·040	Variable	305	86·7	5th ,,	57·4	1st ,,	83·9	67·7	75·8	—2·9	73·2
	Midnapore	Midnapore	29·782	29·881	—·030	Variable	259	97·3	5th ,,	57·2	1st ,,	92·9	64·8	78·9	?	72·7
	24-Parganas, Howrah, Hooghly	Calcutta	29·903	29·870	—·043	Variable	113	93·6	5th ,,	53·7	1st ,,	87·7	61·1	74·4	—2·4	69·6
	Burdwan	Burdwan	29·829	29·878	—·038	Variable	70	94·1	5th ,,	52·3	1st ,,	89·4	60·5	75·0	—1·9	68·5
	Bankura	Bankura	29·592	29·852	—·051	WNW	58	94·8	4th ,,	55·9	1st ,,	90·0	60·2	75·2	—3·0	66·5
	Birbhum, West Burdwan	Raniganj*	29·577	29·886	—·051	?	?	94·5	4th ,,	55·0	29th Feb.	88·7	60·1	74·4	—2·3	65·2
	Murshidabad	Berhampore	29·845	29·863	—·019	SWly	71	91·1	4 & 5 ,,	53·1	29th ,,	86·7	57·8	72·3	—3·0	65·3
	Nadia	Krishnagar	29·871	29·860	—·026	WNW	122	93·1	5th ,,	48·1	1st Mar.	88·7	55·2	72·0	—4·7	68·8
	Jessore, Khulna	Jessore	29·801	29·872	—·041	Variable	60	93·7	5th ,,	49·4	1st ,,	88·7	55·9	72·3	—4·7	66·3
East Bengal.	Chittagong	Chittagong	29·839	29·876	—·063	Ely & Calm	91	87·7	28 Feb. 2 & 4 Mar.	56·1	1st ,,	87·0	61·1	74·1	+0·1	68·5
	Chittagong Hill Tracts	Demagiri	Observations not received.													
	Backergunge	Barisal	29·913	29·871	—·030	Calm	77*	89·3	5th Mar.	52·1	1st ,,	85·9	59·5	72·7	—3·9	63·8
	Noakhali	Noakhali	29·874	29·886	—·057	Calm	44	86·0	3rd ,,	49·5	1st ,,	84·4	57·7	71·1	—3·3	67·7
	Faridpur	Faridpur	29·892	29·881	—·053	Calm	67	86·5	4th ,,	49·0	29th Feb.	84·4	54·1	69·3	—5·0	67·2
	Dacca	Dacca	29·897	29·868	—·045	Variable	88	89·6	4th ,,	53·8	1st Mar.	86·0	55·4	72·2	—3·8	65·5
	Tippera	Comilla	29·888	29·872	—·043	Variable	48	90·4	5th ,,	51·6	1st ,,	86·3	57·5	72·0	—3·3	65·4
	Mymensingh	Mymensingh	29·865	29·869	—·053	Variable	90	85·8	4th ,,	48·9	29th Feb.	81·8	51·4	68·1	—2·9	62·3
North Bengal.	Bogra	Bogra*	29·832	29·849	—·033	Variable	70	87·3	28th Feb., 3rd Mar.	49·2	29th ,,	83·1	50·7	67·9	—5·4	60·7
	Pabna	Sirajganj	29·856	29·864	—·048	SWly	78	89·2	4th ,,	46·7	29th ,,	85·4	52·1	68·8	—3·3	63·6
	Rajshahi	Rampur Boalia	29·813	29·855	—·030	Variable	77	90·0	5th ,,	50·5	1st Mar.	83·2	57·3	71·3	—2·0	65·9
	Malda	Malda	29·828	29·862	—	Calm	70	92·0	5th ,,	46·2	29th Feb.	*85·2	52·5	70·3	—	67·7
	Dinajpur	Dinajpur	29·764	29·841	—·081†	SWly	74	91·1	5th ,,	46·5	29th ,,	87·0	51·9	69·5	—1·5	61·1
	Rangpur	Rangpur	29·781	29·863	—·044	Wly	69	88·8	5th ,,	49·4	29th ,,	84·6	51·0	68·3	—2·7	61·2
	Jalpaiguri, Kuch Bihar	Jalpaiguri	29·614	29·868	—·045	Variable	76	87·4	5th ,,	46·1	28th ,,	82·0	50·8	66·4	—3·8	60·1
	Darjeeling Hill Tracts	Darjeeling	22·877	—	—·103	Variable	209	55·8	4th ,,	34·0	29th ,,	50·9	37·9	44·4	—2·3	44·5
North Bihar.	Purnea, North Bhágalpur	Purnea	29·776	29·861	—·043	Calm & Wly.	76	91·2	4th ,,	45·3	1st Mar.	86·8	50·7	68·8	—2·1	69·3
	Muzaffarpur	Muzaffarpur	29·735	29·846	—	WSW	123	87·7	4th ,,	49·3	1st ,,	84·1	52·2	68·2	—	60·5
	Darbhanga	Darbhanga	29·741	29·860	—·040	SWly	106	86·1	4th ,,	51·7	1st ,,	83·6	54·1	68·9	—2·0	61·5
	Champaran	Motihari	29·655	29·847	—·043	WSW	150	87·3	5th ,,	46·9	28th Feb. & 1st Mar.	84·4	50·0	67·3	—3·0	59·0
	Saran	Chapra	29·716	29·859	—·028	SWly	143	88·8	4th ,,	50·6	1st ,,	84·9	53·5	69·2	—2·5	61·9
South Bihar.	Shahabad	Dehri	29·561	29·877	—·038	SWly	202	92·3	4th ,,	55·5	2nd ,,	86·2	60·9	73·1	—0·3	69·9
		Buxar	29·680	29·884	—·032	Wly	155	89·9	4th ,,	53·8	28th Feb. & 1st Mar.	84·0	56·5	70·2	—2·9	63·6
		Arrah	29·719	29·871	—·019	W	115	91·6	4th ,,	49·3	28th Feb.	85·6	53·7	69·7	—3·3	62·1
	Gaya	Gaya	29·554	29·897	—·031	Variable	131	94·4	4th ,,	54·2	29th ,,	87·0	59·2	72·6	—2·5	66·8
	Patna	Bankipore	29·735	29·876	—·039	Wly	126	86·7	4th ,,	53·0	29th ,,	81·7	56·4	69·0	—2·7	65·2
	South Bhágalpur, Monghyr	Bhágalpur	29·734	29·863	—·044	Calm	44	90·2	4 & 5 ,,	52·0	1st Mar.	86·9	56·6	71·7	—1·1	64·8
	Sonthal Parganas	Dumka	29·305	29·861	—·046	Calm	60	91·3	4 & 5 ,,	53·1	1st ,,	86·8	57·7	72·3	—2·4	64·9
Chota Nagpur.	Hazaribagh	Hazáribágh	27·377	29·879	—·048	WNW	247	89·2	4th ,,	49·2	29th Feb.	82·7	55·0	68·8	—3·0	64·8
	Lohardaga, Manbhum	Ranchi	27·751	29·868	—·048	Wly	141	89·5	4th ,,	50·0	1st Mar.	82·6	55·3	69·0	—4·0	65·2
	Singhbhum	Chaibassa	29·149	29·865	—·032	Wly	33	95·9	4th ,,	54·0	1st ,,	90·2	60·2	75·2	—2·1	70·2

* Mean for 6 days. | † Means for 5 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last … The *humidity* of the atmosphere is expressed as percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the past … stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 5th of March 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	District observations. Rainfall. Of week. Mean for district.	Of week. Normal mean.	Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 16th October 1891. Mean for district.	Since 16th October 1891. Normal mean.	Since 16th October 1891. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
61	1·4	Nil	0·03	0·18	0·03	0·18	—0·15	8·59	7·65	+0·94	0·25	0·41	Puri ...	Puri	Orissa.
85	0	Nil											Gopalpore ...		
81	2·6	0·01											False Point ...		
71	1·0	0·22	0·02	0·37	0·02	0·37	—0·35	7·99	5·55	+2·44	0·00	0·54	Cuttack ...	Cuttack	
55	0	Nil	Nil	0·27	Nil	0·27	—0·27	4·12	4·52	—0·40	0·00	0·46	Balasore ...	Balasore	
68	1·4	Nil	Nil	0·22	Nil	0·22	—0·22	2·54	6·36	—3·82	0·00	0·44	Saugor Island ...	South-West Midnapore, South 24-Parganas ...	South-West Bengal.
72	0·7	Nil	Nil	0·33	Nil	0·33	—0·33	0·43	4·08	—3·65	0·00	0·60	Midnapore ...	Midnapore	
60	1·9	Nil	Nil	0·28	Nil	0·28	—0·28	0·61	4·11	—3·50	0·00	0·53	Calcutta ...	24-Parganas ..., Howrah ..., Hooghly ...	
45	1·6	Nil	Nil	0·38	Nil	0·38	—0·38	0·64	3·60	—2·96	0·00	0·53	Burdwan ...	Burdwan	
57	0·4	Nil	Nil	0·27	Nil	0·27	—0·27	1·00	3·12	—2·12	0·00	0·43	Bankura ...	Bankura	
47	0·3	Nil	Nil	0·17	Nil	0·17	—0·17	2·08	2·71	—0·63	0·00	0·27	Raniganj ...	Birbhum ..., West Burdwan ...	
63	1·6	Nil	Nil	0·17	Nil	0·17	—0·17	2·03	2·44	—0·41	0·00	0·43	Berhampore ...	Murshidabad ...	
52	1·6	Nil	Nil	0·25	Nil	0·25	—0·25	0·90	3·60	—2·70	0·00	0·51	Krishnagar ...	Nadia	
72	1·7	Nil	Nil	0·37	Nil	0·37	—0·37	1·95	4·41	—2·46	0·00	0·56	Jessore ...	Jessore ..., Khulna ...	
75	2·9	Nil	Nil	0·40	Nil	0·40	—0·40	3·12	7·07	—3·95	0·00	0·46	Chittagong ...	Chittagong	East Bengal.
			Nil	0·57	Nil	0·57	—0·57	4·53	6·99	—2·46	0·00	0·75	Demagiri ...	Chittagong Hill Tracts	
76	2·6	0·26	0·36	0·42	0·32	0·42	—0·10	1·73	5·92	—4·19	1·00	0·54	Barisal ...	Backergunge	
79	0·3	0·28	0·20	0·54	0·07	0·54	—0·47	3·38	7·84	—4·46	1·00	0·90	Noakhali ...	Noakhali	
68	1·6	0·78	0·37	0·65	0·37	0·65	—0·28	3·16	4·22	—1·06	0·67	0·91	Faridpur ...	Faridpur	
75	1·3	0·20	0·15	0·46	0·05	0·46	—0·41	3·51	4·44	—0·93	0·75	0·69	Dacca ...	Dacca	
77	0·3	0·01	0·76	0·56	0·35	0·56	—0·21	6·89	4·89	+2·00	1·00	0·76	Comilla ...	Tippera	
75	1·3	drops	0·12	0·31	0·12	0·31	—0·19	2·91	3·76	—0·85	0·20	0·54	Mymensingh ...	Mymensingh	
59	0	Nil	0·04	0·12	0·04	0·12	—0·08	2·73	2·74	—0·01	0·25	0·35	Bogra ...	Bogra	North Bengal.
65	1·4	Nil	Nil	0·27	Nil	0·27	—0·27	1·30	3·66	—2·36	0·00	0·59	Sirajganj ...	Pabna	
57	0·9	Nil	Nil	0·13	Nil	0·13	—0·13	1·87	2·55	—0·68	0·00	0·26	Rampur Boalia ...	Rajshahi	
46	0	Nil	Nil	0·15	Nil	0·15	—0·15	0·58	2·41	—1·83	0·00	0·35	Malda ...	Malda	
52	1·3	Nil	Nil	0·09	Nil	0·09	—0·09	0·53	1·88	—1·35	0·00	0·25	Dinajpur ...	Dinajpur	
78	0·1	Nil	Nil	0·25	Nil	0·25	—0·25	0·53	2·35	—1·82	0·00	0·31	Rangpur ...	Rangpur	
69	0·9	Nil	Nil	0·21	Nil	0·21	—0·21	0·40	2·48	—2·08	0·00	0·35	Jalpaiguri ...	Jalpaiguri ..., Kuch Bihar ...	
67	2·3	Nil	Nil	0·32	Nil	0·32	—0·32	3·19	4·21	—1·02	0·00	0·61	Darjeeling ...	Darjeeling Hill Tracts	
51	0·7	Nil	Nil	0·17	Nil	0·17	—0·17	0·22	2·25	—2·03	0·00	0·34	Purnea ...	Purnea ..., North Bhagalpur ...	North Behar.
57	0	Nil	Nil	0·19	Nil	0·19	—0·19	0·79	2·26	—1·47	0·00	0·40	Muzaffarpur ...	Muzaffarpur	
53	0·7	Nil	Nil	0·12	Nil	0·12	—0·12	0·72	2·07	—1·35	0·00	0·27	Darbhanga ...	Darbhanga	
58	0·9	Nil	Nil	0·26	Nil	0·26	—0·26	0·13	1·81	—1·68	0·00	0·40	Motihari ...	Champaran	
48	0	Nil	Nil	0·08	Nil	0·08	—0·08	0·79	2·22	—1·43	0·00	0·21	Chapra ...	Saran	
20	0	Nil											Dehri ...		South Behar.
42	0·1	Nil	Nil	0·19	Nil	0·19	—0·19	1·39	2·78	—1·39	0·00	0·38	Buxar ...	Shahabad	
46	0·1	Nil											Arrah ...		
51	0·7	Nil	Nil	0·15	Nil	0·15	—0·15	0·94	2·30	—1·36	0·00	0·32	Gaya ...	Gaya	
42	0·6	Nil	Nil	0·09	Nil	0·09	—0·09	0·80	2·36	—1·56	0·00	0·35	Bankipore ...	Patna	
49	2·0	Nil	Nil	0·12	Nil	0·12	—0·12	0·53	2·46	—1·93	0·00	0·25	Bhagalpur ...	South Bhagalpur ..., Monghyr ...	
41	0	Nil	Nil	0·16	Nil	0·16	—0·16	1·30	2·27	—0·97	0·00	0·36	Dumka ...	Sonthal Parganas ...	
26	1·1	Nil	Nil	0·34	Nil	0·34	—0·34	1·55	2·77	—1·22	0·00	0·68	Hazáribágh ...	Hazáribágh	Chutia Nagpur.
40	1·0	0·12	0·08 Nil	0·32 0·23	0·08 Nil	0·32 0·23	—0·24 —0·23	1·67 1·43	3·41 2·98	—1·74 —1·55	0·33 0·00	0·83 0·40	Ranchi ...	Lohardaga ..., Manbhum ...	
48	1·0	Nil	Nil	0·35	Nil	0·35	—0·35	1·72	3·83	—2·11	0·00	0·70	Chaibassa ...	Singbhum	

ten years. The variations are *negative* when the mean of the week is less than the corresponding normal mean, and *positive* when greater
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal means
ten years. The means of the district are the numerical average of the rainfall return received in the district, *i.e.*, from total rainfall at the sub-divisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 5th of March 1892.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 28th Feb.	Monday, 29th Feb.	Tuesday, 1st March.	Wednesday, 2nd March.	Thursday, 3rd March.	Friday, 4th March.	Saturday, 5th March.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
ORISSA ...	Puri ...	Puri ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·20	15·91	8·54
		Khurda ...	......	......	......	......	......	0·10	......	1	0·10	0·10	0·10	0·10	3·85	5·62
		Banpur ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·14	2·23	7·44
		False Point ...	......	......	......	......	......	0·01	......	Nil	0·01	0·27	0·01	0·27	12·68	8·91
		Gop ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Satpara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·10	?
		Pipli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	7·54	?
	Cuttack	Jagatsingpore	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·17	12·90	5·41
		Banki ...	......	......	......	......	......	0·05	......	Nil	0·05	0·70	0·05	0·70	1·22	5·83
		Cuttack ...	......	......	......	......	......	......	......	Nil	Nil	0·58	Nil	0·58	4·87	5·67
		Kendrapara ...	......	......	......	......	......	0·06	......	Nil	0·06	0·14	0·06	0·14	17·09	5·49
		Jajpur ...	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·27	3·24	5·33
		Dharmsala ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	5·36	?
		Salipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	8·35	?
		Akhyapada ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·74	?
	Balasore ...	Chandbali ...	......	......	......	......	......	......	......	Nil	Nil	0·39	Nil	0·39	11·05	5·68
		Bhadrak ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·19	6·03	4·91
		Sorah ...	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·27	4·18	4·14
		Balasore ...	......	......	......	......	......	......	......	Nil	Nil	0·33	Nil	0·33	2·85	5·72
		Jellasore ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·26	0·82	3·27
		Baripodah ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·18	0·92	3·22
SOUTH-WEST BENGAL.	Midnapore ...	Contai ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·19	2·49	6·74
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·20	4·44	6·86
		Tamluk ...	......	......	......	......	......	......	......	Nil	Nil	0·39	Nil	0·39	0·55	5·09
		Midnapore ...	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·27	0·36	4·52
		Ghatal ...	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·32	0·42	2·83
		Kukrahaty ...	......	......	......	......	......	0·05	......	Nil	0·05	?	0·05	?	0·36	?
		Garhbeta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·54	?
	24-Parganas ...	Diamond Harbour ...	......	......	......	......	......	......	0·04	Nil	0·04	0·28	0·04	0·28	0·74	5·46
		Canning Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·34	?
		Alipore Jail ...	......	......	......	......	......	......	......	Nil	Nil	0·43	Nil	0·43	0·43	5·29
		Barrackpore ...	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·29	0·49	4·16
		Dum-Dum ...	......	......	......	......	......	......	......	Nil	Nil	0·35	Nil	0·35	0·62	4·35
		Barasat ...	......	......	......	......	......	......	......	Nil	Nil	0·30	Nil	0·30	1·03	4·40
		Basirhat ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·22	1·33	3·90
	Howrah ...	Howrah ...	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·32	0·30	4·47
		Mohesreka ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·19	0·45	3·57
		Uluberia ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·40	?
	Hooghly ...	Serampore ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·25	0·67	3·61
		Hooghly ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·26	0·38	3·91
		Jahanabad ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	0·34	3·51
	Burdwan ...	Kalna ...	......	......	......	......	......	......	......	Nil	Nil	0·35	Nil	0·35	0·36	3·62
		Burdwan ...	......	......	......	......	......	......	......	Nil	Nil	0·45	Nil	0·45	0·43	3·54
		Katwa ...	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	0·34	1·13	3·64
		Raniganj ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·19	1·25	3·00
		Mankur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·14	?
	Bankura ...	Bankura ...	......	......	......	......	......	......	......	Nil	Nil	0·49	Nil	0·49	0·93	3·57
		Bishenpore ...	......	......	......	......	......	......	......	Nil	Nil	0·30	Nil	0·30	0·82	3·26
		Maliara ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·05	1·33	2·26
		Khatra ...	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·24	0·85	3·39
		Indas ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·57	?
		Kotalpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·30	?
		Anda	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
		Gangajalghati	......	......	......	......	......	0·06	......	Nil	0·06	?	0·06	?	0·73	?
		Raipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·52	?
		Sonamukhi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·72	?
	Birbhum ...	Sh. Suri ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·22	2·76	3·02
		Hetampore ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·03	2·04	2·20
		Rampur Hât ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·22	2·51	2·59
		Bolpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·65	?
		Murarai ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·66	?
	Nadia ...	Ranaghat ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·17	0·74	3·51
		Krishnagar ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·26	1·33	3·01
		Chuadanga ...	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	0·34	0·51	4·09
		Meherpore ...	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·27	0·66	3·48
		Kushtia ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·22	1·24	4·00
	Khulna ...	Satkhira ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·25	3·25	4·45
		Bagerhat ...	......	......	......	......	......	......	......	Nil		0·51	Nil	0·51	2·78	4·77
		Khulna ...	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·31	4·08	4·88
		Nakipur ...	......	......	......	......	......	......	......	Mil	Nil	?	Nil	?	2·82	?
		Rampal ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·89	?
	Jessore ...	Narail ...	......	......	......	......	......	......	......	Nil	Nil	0·36	Nil	0·36	2·20	4·65
		Jessore ...	......	......	......	......	......	......	......			0·37	Nil	0·37	1·46	4·60
		Jhenidah ...	......	......	......	......	......	......	......	Nil	Nil	0·52	Nil	0·52	0·51	4·42
		Magura ...	......	......	......	......	......	......	......	Nil	Nil	0·41	Nil	0·41	0·76	3·38
		Bangaon ...	......	......	......	......	......	......	......			0·24	Nil	0·24	0·56	4·05
	Murshidabad	Kandi ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·10	1·75	2·69
		Berhampore ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·22	1·64	2·90
		Lalbagh ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·12	1·49	2·16
		Azimgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·23	2·56	2·40
		Jangipur ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	2·33	2·20
		Lalgola ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·20	2·20	2·22
		Aurangganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·12	?
		Patkabari ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·40	?
EAST BENGAL	Chittagong ...	Cox's Bazar ...	......	......	......	......	......	......	......	Nil	Nil	0·54	Nil	0·54	4·01	8·05
		Chittagong ...	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·27	2·23	6·08
		Kutubdia ...	......	......	......	......	......	......	......	Nil		?	?	?	3·51	?
		Satkanya ...	......	......	......	......	......	......	......	Nil		?	?	?	3·73	?
	Chittagong Hill Tracts.	Rangamati ...	......	......	......	......	......	......	......	Nil	Nil	0·57	Nil	0·57	4·53	6·89
		Bundarban ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·04	?
	Backergunge	Patuakhali ...	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·29	0·95	6·16
		Pirojpur ...	......	......	......	......	......	......	0·20	1	0·20	0·31	0·20	0·31	1·89	5·75
		Barisal ...	0·15	......	......	......	......	......	0·33	2	0·50	0·43	0·35	0·43	2·82	5·99
		Bhola ...	......	......	......	......	......	......	0·75	1	0·75	0·64	0·75	0·64	1·26	5·76

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 5th of Mrch 1892—contd.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 28th Feb.	Monday, 29th Feb.	Tuesday, 1st March.	Wednesday, 2nd March.	Thursday, 3rd March.	Friday, 4th March.	Saturday, 5th March.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
EAST BENGAL —concld.		*Gournaddi* ..	......	......	......	......	......	......	0·22	1	0·22	?	0·22	?	4·23	?
		Bauphal ...	......	......	......	......	......	......				?		?		?
	Noakhali ...	Noakhali ...	0·26	......	......	......	......	......	0·03	1	0·29	0·52	0·03	0·52	3·06	5·89
		Fenny ...	......	......	......	......	......	......	0·10	1	0·10	0·56	0·10	0·56	3·07	8·77
		Harishpore ...										?		?		?
		Ramganj ..	......	......	......	......	......	......	0·81	1	0·81	?	0·81	?	2·51	?
	Faridpur ...	Madaripur ...	......	......	......	......	......	......	......	Nil	Nil	0·72	Nil	0·72	4·01	4·40
		Faridpur ...	......	......	......	......	......	......	0·77	1	0·77	0·75	0·77	0·75	3·21	4·29
		Goalundo ...	......	......	......	......	......	......	0·35	1	0·35	0·47	0·35	0·47	1·09	3·98
	Dacca ...	Munshiganj ...	0·23	......	......	......	......	......	0·07	1	0·30	1·03	0·07	1·03	4·71	5·73
		Dacca ...	0·10	......	......	......	......	......	......	1	0·10	0·40	Nil	0·40	3·06	3·60
		Narayngunge...	......	......	......	......	......	......	0·04	Nil	0·04	0·18	0·04	0·18	4·21	4·91
		Manikganj ...	0·05	......	......	......	......	......	0·10	1	0·15	0·24	0·10	0·24	2·05	3·51
		Joydeopore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·23	?
	Hill Tippera	Agartola ...	......	......	......	......	......	......	0·11	1	0·11	0·72	0·11	0·72	8·34	5·60
	Tippera ...	Comilla ...	......	......	......	......	......	......	......	Nil	Nil	0·78	Nil	0·78	6·49	5·97
		Chandpore ...	1·65	......	......	......	......	......	0·56	2	2·21	0·29	0·56	0·29	7·16	3·75
		Brahmanbaria	......	......	......	......	......	......	0·70	1	0·70	0·46	0·70	0·46	5·71	5·06
		Ramchandrapore ...	0·19	......	......	......	......	......	......	1	0·19	?	Nil	?	4·28	?
		Nasirnagar...	0·80	......	......	......	......	......	......	1	0·80	?	Nil	?	3·45	?
		Daudkandi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·17	?
		Kasba ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	7·44	?
		Laksham ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·45	?
	Mymensingh	Kishoregunge	......	......	......	......	......	......	......	Nil	Nil	0·53	Nil	0·53	1·07	3·90
		Atia (*Tangail*)	......	......	......	......	......	......	......	Nil	Nil	0·36	Nil	0·36	1·45	3·89
		Mymensingh ...	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·32	4·10	3·79
		Jamalpur .	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·17	3·20	3·62
		Natrokona ...	......	......	......	......	......	......	0·58	1	0·58	0·17	0·58	0·17	4·02	3·54
		Subornakhali	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·28	?
		Durgapore ...	......	......	......	......	......	......	3·40	1	3·40	?	3·40	?	?	?
		Sherepore Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·08	?
		Dewanganj ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·12	?
NORTH BENGAL.	Pabna ...	Pabna .	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	0·34	1·32	2·56
		Sirajganj ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·19	1·25	3·75
	Bogra ...	Sherepore ..	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·10	2·97	3·22
		Nowkhila ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·12	2·90	3·01
		Bogra ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	3·91	3·03
		Panchbibi ..	......	......	......	......	......	0·14	......	1	0·14	0·11	0·14	0·11	1·04	1·66
	Rajshahi ...	Boalia ..	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·22	0·94	2·50
		Nator ..	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·15	2·35	2·99
		Naogaon ..	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·01	2·30	2·15
		Lalpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·47	?
		Mande ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·54	?
	Malda ..	Malda ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·22	0·96	2·74
		Chanchal ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·07	0·20	2·66
		Gajol ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·65	?
		Sibganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·57	?
	Dinajpur	Mohadebpore	......	......	......	......	......	......	......	Nil	Nil	10·07	Nil	0·07	1·18	1·61
		Churamon ..	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·12	0·32	1·59
		Raigunge ..	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·03	0·30	1·52
		Dinajpur	......	......	......	......	......	0·03	......	Nil	0·03	0·19	0·03	0·19	0·34	3·13
		Baloorghat ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·06	0·54	1·52
		Thakoorgaon	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·18	?
	Rangpur ..	Bhawanigunge (Gyabanda)	......	......	......	......	......	......	......	Nil	Nil	0·37	Nil	0·37	0·84	2·46
		Rangpur ...	......	......	......	......	......	......	......	Nil	Nil	0·36	Nil	0·36	0·37	2·94
		Kurigram ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·13	0·51	1·90
		Baguogra (*Nilphamari*)	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·15	0·40	1·91
		Ulipore ...	......	......	......	......	......	......	......	Nil	Nil		Nil	?	0·87	?
	Jalpaiguri ...	Jalpaiguri ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·25	0·60	3·48
		Alipore Dooar	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·84	?
		Fallacotta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·26	?
		Debiganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·31	?
		Bhagatpore (*Nagrakatta*)	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·66	?
	Kuch Bihar .	Dinhatta ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·19	0·21	2·40
		Kuch Bihar ..	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·25	0·40	2·19
		Mekligunge ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·14	0·46	2·28
		Mathabhanga	......	......	......	......	......	......	0·02	Nil	0·02	0·20	0·02	0·20	0·59	2·06
	Darjeeling Hill.	[illegible] .	......	......	......	......	......	......	......	Nil	Nil	0·37	Nil	0·37	6·81	6·17
		Silliguri ...	......	......	......	......	......	......	......	Nil	Nil	0·42	Nil	0·42	0·77	2·25
		Darjeeling ...	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·28	2·80	5·42
		Kalimpong ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·22	2·35	3·01
		Kurseong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·22	?
NORTH BIHAR	Purnea ...	Kishanganj ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·19	0·31	2·39
		Araria ..	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·27	0·13	2·21
		Purnea ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·14	0·08	2·67
		Gondwara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Barsoe ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·20	?
		Mattari ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Kaliaganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·04	?
	North Bhágalpur.	Madhipura ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·11	0·31	2·11
		Supaul ..	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	0·23	1·93
		Pratabganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·33	?
	Darbhanga ...	[illegible] ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·13	0·47	1·98
		Darbhanga ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·11	0·94	2·10
		Madhubani ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·11	0·81	2·15
		Banera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·20	?
		Roshera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·40	?
	Muzaffarpur...	Sitamarhi ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·26	0·23	1·80
		Muzaffarpur	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·20	0·82	2·54
		Hajipur ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·11	1·83	2·02
		Paru ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·70	?
		Mahua ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·75	?
		Bihar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pupri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·40	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 5th of March 1892—*concld.*

Meteorological division.	District.	Station.	RAINFALL. Sunday, 28th Feb.	Monday, 29th Feb.	Tuesday, 1st March.	Wednesday, 2nd March.	Thursday, 3rd March.	Friday, 4th March.	Saturday, 5th March.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
NORTH BIHAR—*concluded.*	Champaran ...	Motihari ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·26	0·11	1·78
		Bettiah ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·26	0·15	1·82
		Bagaha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·10	?
		Burhurwa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·04	?
	Saran ...	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·01	0·22	1·77
		Siwán ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·07	1·03	2·49
		Chapra ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·15	1·11	2·41
SOUTH BIHAR	Shahabad ...	Buxar ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·08	1·45	2·57
		Dehri ...	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·28	0·51	2·04
		Bhabhua ...	......	......	......	......	......	......	......	Nil	Nil	0·36	Nil	0·36	2·81	3·37
		Sasarám ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·12	0·73	2·63
		Arrah ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·11	1·44	2·36
		Mohaniah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·36	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Ageaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Rammagor ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Koath ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Sikroul ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Bassowan ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Monaharpur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
	Gaya	Aurangabad ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	1·58	2·04
		Gaya ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·14	1·52	2·48
		Nawádah ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·13	0·54	2·40
		Jahánabad ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·1	0·11	2·24
		Arwal	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·40	?
		[illegible]audnagar	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·24	?
		Sherghati	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·78	?
		Rajauli	......	......	......	......	......	......	......	Nil	Nil	?	Nil	.	2·10	?
		Pakri Barawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·33	?
	Patna	Patna ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·09	1·50	2·29
		Dinápore	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·05	0·88	2·20
		Bihár ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·09	0·36	2·66
		Barh ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·13	0·38	2·32
		Bickram ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	.	1·95	?
		Hilsa	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·57	?
	Monghyr ...	Begusarai ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·08	0·76	2·64
		Monghyr	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·12	0·17	2·51
		Jamui	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·16	0·50	2·34
		Gogri	......	......	......	......	......	......	......	Nil	Nil	?	Nil	.	Nil	?
		Sheikpura ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·23	?
	South Bhágalpur	Bhágalpur ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·12	0·20	2·16
		Banka	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·13	0·90	2·65
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	.	Nil	?
		Bangaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
	Sonthal Pergunnas.	Rajmahal ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·11	0·70	1·70
		Godda ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·10	0·88	1·96
		Pakour	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·09	2·08	1·69
		Naya Dumka	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·28	1·51	2·80
		Deoghur	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·18	1·19	3·16
		Jamtara ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·21	1·43	2·32
		Mohagama ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?		?
		Nanihat ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·71	?
CHOTA NAGPUR.	Hazáribágh ...	Pachamba (*Giridi*). ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·25	1·45	2·58
		Hazáribágh	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·24	2·17	2·98
		Semtaguran	......	......	......	......	......	......	......	Nil	Nil	0·55	Nil	0·55	1·50	2·73
		Mahudi Hills	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	0·34		2·82
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	0·33	Nil	0·33	1·20	2·84
		Barhi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·41	.
		Chatra	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·60	?
		Karagdeha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·81	?
		Ramghur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?		?
	Lohardaga ...	Lohardaga ...	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	0·34	2·13	3·52
		Ranchi ...	......	......	......	......	......	0·23	......	1	0·23	0·40	0·23	0·40	2·04	3·77
		Palámau	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·22	0·83	2·06
		Silli	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?		?
		Balumat	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·18	?
		Hosseinabad	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·06	?
		Garwah	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·49	?
	Singbhum ...	Chaibassa ...	......	......	......	......	......	......	......	Nil	Nil	0·35	Nil	0·35	1·72	3·83
		Chakradharpore.	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?		?
		Ghatsilla ...	......	......		......		......	......	Nil	Nil	?	Nil	?		?
		Baharagura	......	......		......		......	......	Nil	Nil	?	Nil	?		?
	Manbhum ...	Purulia ...	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·28	1·63	3·08
		Gobindpur ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·17	1·20	2·78
		Raghunathpore.	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·56	?
		Burrabhoom	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·72	?
		Jhalda ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·47	?
		Chas ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·97	?
		Pandra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?

Explanation.—......indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the 8th March* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 5TH OF MARCH 1892.

At the close of the previous week a rather feeble form of barometric depression had appeared over Bengal and had given a rapid fall of pressure and increase of temperature. It, however, apparently quickly passed away in an easterly direction, and on Sunday, the 28th, or the first day of the present week, there was a moderate increase of pressure, while winds became more northerly and westerly than they had been. The depression had, however, caused conditions to be distinctly disturbed in Bengal, and on the morning of the 28th a good many stations in East Bengal reported light rain showers. With the disappearance of the feeble depression from Bengal, temperature began to fall rapidly, and from the 28th to the 29th there was a general fall of from 3° to 7°. The other changes on the 29th were of little importance. On March the 1st, there was a rapid increase of pressure over Bengal, together with a further reduction of temperature, and it became largely below the normal; the defect was quite exceptional in the night or minimum temperatures, and at such stations as Jessore, Saugor Island, Calcutta and Burdwan the night temperatures were from 12° to 15° lower than the normal. On the 1st of March, however, rather important meteorological changes were taking place in North-Western India, and a barometric depression appeared over the Indus valley with a centre near Jacobabad. On the 2nd this depression had advanced towards Neemuch; but at the same time a second and much more severe storm had appeared over the north-west of the Panjab and in the hills, which gave snow at some of the hill stations. In Bengal on this day pressure began to fall moderately, while temperature and humidity rose rapidly, and southerly winds began to set in at many stations. On the 3rd the feeble depression had advanced from Neemuch to between Raipur and Allahabad, while the storm in the hills and in the north-west of the Panjab had moved slowly in an easterly direction, and had commenced to fill up, though it had given rather heavy weather generally in the Panjab. In front of the smaller advancing depression, pressure had fallen moderately to rapidly in Bengal, and there had again been a rapid increase in temperature generally, and a moderate increase in humidity at the eastern stations. Cloud proportion also began to increase considerably on this day, though no rain fell. On the 4th the depression near the hills had broken up and disappeared, while that near Allahabad had advanced over Bengal, and its centre was in North Bengal, not far from Rampur Boalia. The depression was, however, extremely feeble, the deficiency of pressure from the normal only equalling about a tenth of an inch; but it was still accompanied by a fairly complete cyclonic circulation of winds, and southerly winds were therefore reported over a large part of Bengal. With these conditions while pressure was falling at the eastern and rising at the western stations, temperature and particularly humidity became extremely high. The depression was not sufficiently influential to give general rain, but it gave showers to a large number of stations in East Bengal, which were reported on the morning of the 5th, on which day the depression had again advanced in an easterly direction, and was over Assam and Burma. Pressure hence rose rapidly in Bengal on the 5th, except in and near the hills, the increase at some stations equalling more than a tenth of an inch, though pressure still remained below the normal generally. Winds also became westerly and north-westerly, and an extremely rapid fall of humidity occurred, the fall at some stations exceeding 50 per cent. Temperature on this day, however, only fell slowly, though the mean temperature was generally one or two degrees in defect of the normal.

The meteorology of the week has been therefore chiefly noticeable for the existence and movement of the two barometric depressions; and the more severe one of which having apparently given a heavy fall of snow in the hills, its influence will be felt for some days in giving a cool dry wave of air over Northern India generally. Over the greater part of the province, however, the week has again been one in which there has been no rainfall, the only practical exception being in East Bengal, where most stations have received light rain.

Pressure.—The mean pressure for the week has again been considerably in defect of the normal, the usual defect equalling from 0·03″ to 0·05″, though it has apparently been larger than this in the higher layers of the atmosphere, for at Darjeeling a defect of more than a tenth of an inch has been recorded.

Temperature has shown very considerable oscillations during the week, but the mean has been very considerably below the normal. The mean defect of the whole province for the week has equalled 2·8°, while in such divisions as Chota Nagpur and in East and North Bengal the defect has ranged from 3° to 3·5°.

The variation of temperature for the week is, however, most clearly seen in the table below, where the average maximum, minimum, and mean temperatures for the week at nine typical stations in different districts of the province are compared with the normal values for the same period. It will be seen from these figures that the day or maximum temperatures have only been slightly below the normal, but that, on the other hand, the night or minimum temperatures have been largely in defect, the average defects at Calcutta, Dacca and Purnea for the week exceeding 5°.

Rainfall has practically only occurred in East Bengal, where an average fall of 0·33 inch is recorded, but even in this division the districts of Chittagong, Chittagong Hill Tracts and the greater part of Mymensing have received no rain, while on the other hand Tippera has received an average fall of no less than 0·76 inch, Faridpur one of 0·37 inch, and Noakhali one of 0·20 inch.

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 5th March 1892.

	Normal mean maximum temperature for the week ending 5th March.	Actual mean maximum temperature for the week ending 5th March 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 5th March.	Actual mean minimum temperature for the week ending 5th March 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 5th March.	Actual mean daily temperature for the week ending 5th March 1892.	Variation of actual mean from the normal.
Cuttack	95·4	94·0	−1·4	70·1	66·4	−3·7	82·8	80·2	−2·6
Calcutta	87·2	87·7	+0·5	66·3	61·1	−5·2	76·8	74·4	−2·4
Dacca	87·4	86·0	−1·4	64·7	58 4	−6·3	76·0	72·2	−3·8
Burdwan	89·3	89·4	+0·1	64 3	60·5	−3·8	76·8	75·0	−1·8
Patna	84·9	81·7	−3·2	58·5	56·4	−2 1	71·8	69·0	−2·8
Gaya	88·6	87·0	−1·6	61·6	58·2	−3·4	75·2	72·6	−2·6
Purnea	85·3	86·8	+1·5	56·5	50·7	−5·8	71 0	68·8	−2·2
Hazaribagh	84·1	82·7	−1·4	59·5	55·0	−4·5	71·8	68·8	−3·0
Darjeeling	52·1	50·9	−1·2	41·1	37·9	−3·2	46·7	44·4	−2·3

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 5th of March 1892 :—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th Oct. 1891.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	98·5	55·5	88·0	67 5	77·8	−1·3	0·02	0·28	−0·26	0·07	0·47	−0·40	0·02	0·28	6·68	5·70
South-West Bengal ...	97·3	48·1	88·5	60·4	74·5	−2·7	Nil	0·26	−0·26	0·00	0·49	−0·40	Nil	0·26	1·32	3·77
East Bengal	90·4	48·9	85·1	57·5	71·4	−3·3	0·33	0·47	−0·14	0·08	0·67	+0·01	0·19	0·47	3·38	5·18
North Bengal	92·0	46·1	85·4	52·5	68·9	−3·5	0·01	0·17	−0·16	0·04	0·33	−0·29	0·01	0·17	1·04	2·48
North Behar	91·2	45·3	84·8	52·1	68·5	−2·4	Nil	0·16	−0·16	0·00	0·32	−0·32	Nil	0·16	0·53	2·15
South Behar	93·4	49·8	85·5	57·0	71·2	−2·2	Nil	0·14	−0·14	0·00	0·32	−0·32	Nil	0·14	0·99	2·43
Chota Nagpur	89·5*	49·2*	82·7*	55·2*	68·9*	−3·5*	0·02	0·32	−0·30	0·09	0·66	−0·57	0·02	0·32	1·61	3·08

* Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL,
The 8th March 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Abstract of the Results of the Barometric and Thermometric Observations taken at 10 a.m. at the Meteorological Office, Chowringhee, in the month of February 1892.

		Inches.	Date.
The mean pressure at 10 A.M during the month	... ...	29·972	
The mean temperature at 10 A.M. during the month	... ...	77·5°	
The highest temperature during the month	... ...	92·0	27th.
The lowest temperature during the month	... ...	53·7	17th.
The absolute range of temperature during the month	... ...	38·3	
The mean daily range of temperature during the month	...	24·1	
The greatest range of temperature in one day during the month	...	30·1	19th, 26th.
The mean 10 A.M. humidity during the month	... ...	54 %	
The mean 10 A.M. vapour tension during the month	... ...	Inch. ·529	
The total rainfall of the month	... ...	Nil	
The greatest fall in 24 hours	... ...	Nil	
The number of rainy days in the month	... ...	Nil	

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA ;
The 7th March 1892.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 28th February to 5th March 1892.

MONTH.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	TEMPERATURE. Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	HYGROMETRY. Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	Rainfall past 24 hours.
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
February ...	28th ...	29·927	71·9	84·9	26·0	58·9	77·6	57·7	·213	36·1	23	Nil
" ...	29th ...	·911	72·3	87·0	29·5	57·5	78·1	57·7	·207	35·4	22	"
March ...	1st ...	·975	71·0	88·0	34·1	53·9	79·6	60·7	·280	43·2	28	"
" ...	2nd ...	·952	73·8	89·6	31·7	57·9	79·6	69·6	·590	63·6	58	"
" ...	3rd ...	·880	77·5	90·0	25·1	64·9	82·6	74·5	·747	70·5	67	"
" ...	4th ...	·885	80·0	89·2	18·4	70·8	84·8	77·5	·846	74·2	71	"
" ...	5th ...	·985	74·3	86·6	24·7	61·9	78·6	58·7	·232	38·3	24	"

		Inches.
The mean 10 A.M. pressure of the seven days	... ...	29·931
The mean temperature of the seven days	... ...	74·4°
The extreme variation of temperature	... ...	36·1
The maximum temperature	... ...	90·0
The mean 10 A.M. relative humidity of the seven days	... ...	42 %
The total fall of rain from 28th February to 5th March 1892	...	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

C. LITTLE,
For Meteorological Reporter to the Govt. of India

METEOROLOGICAL OFFICE, INDIA,
The 7th March 1892.

Results of the Meteorological Observations taken at the Alipore Observatory from 28th February to 5th March 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Temperature. Maximum.	Temperature. Range.	Temperature. Minimum.	Hygrometry. Mean wet bulb.	Hygrometry. Vapour tension.	Hygrometry. Dew point.	Hygrometry. Humidity.	Wind. Prevailing direction.	Wind. Miles recorded.	Rain.	Weather.
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Feb.	28th	140·9	9·6	29·831	72·1	83·6	22·2	61·4	59·9	0·358	49·7	49	NNW and Wly N	80	Nil	Clear.
,,	29th	142·0	9·9	·847	70·7	84·5	26·0	58·5	56·7	·276	42·8	41	Wly N and NNW	89	,,	Clear.
Mar.	1st	141·4	9·8	·901	69·3	86·1	32·3	53·8	56·9	·304	45·4	48	NNE, WNW, and variable.	56	,,	Clear.
,,	2nd	144·5	9·7	·866	71·2	87·7	31·9	55·8	61·7	·426	54·4	61	SW, SSW, and WSW.	91	,,	Clear.
,,	3rd	141·4	9·5	·812	75·4	87·5	22·4	65·1	69·1	·631	65·6	73	SSW and S ...	166	,,	Partially cloudy.
,,	4th	144·0	7·6	·812	80·0	93·4	23·2	70·2	69·9	·598	64·0	62	SSW and W ..	148	,,	Morning cloudy, day and night clear, o.
,,	5th	140·3	7·8	·902	73·7	84·9	19·9	65·0	57·7	·266	41·8	31	WNW and NNW	88	,,	Clear.

	Inches.
The mean pressure of the seven days	29·853
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·859
	Hours.
The total number of hours of bright sunshine	63·9
The maximum possible number of hours of sunshine	81·8
	°
The mean temperature of the seven days	73·2
The average temperature of the corresponding period for 24 years, S.-G.'s Office	77·7
The extreme variation of temperature	39·6
The maximum temperature	93·4
	Miles.
The highest velocity of the wind in one hour	13
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	52
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	67
	Inches.
The total fall of rain from 28th February to 5th March 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·57
The total fall from 1st January to 5th March 1892	0·04
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	1·97

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All th thermometers are verified, and the readings have been corrected to a standard constructed and verified at th Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four fee above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerl at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed i the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast.

C. LITTLE,
For Meteorological Reporter to the Govt. of Ind

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 7th March 1892.

MEMORANDUM.

Review of the Monthly Statistics of Deaths registered in the forty-five districts of Bengal for the month of December 1891.

Mortality.—The total number of deaths (exclusive of still-births) registered in the forty-five districts of Bengal during the month of December 1891 was 238,921, against 216,770 in the preceding month, showing an annual ratio of 43 44 against 39·48 per 1,000 of the aggregate population of those districts which is 65,859,534. The monthly total exceeds all the corresponding figures of the past five years, and also surpasses the quinquennial mean by 61,863. It is also considerably higher than the mortality of any of the previous months of the same year, as the following table shows :—

Periods.	*Number of deaths.*	*Ratio per mille per annum.*
December 1891	238,921	43·44
" 1890	205,387	37·32
" 1889	184,528	33·60
" 1888	165,056	30·00
" 1887	143,586	26·16
" 1886	186,331	33·84
Monthly mean of previous five years, 1886—90 ...	177,058	32·16
January 1891	143,492	26·04
February "	137,553	24·96
March "	168,185	30·60
April "	161,980	29·52
May "	125,975	22 92
June "	140,594	25·56
July "	121,977	22·20
August "	142,154	25·80
September "	149,431	27·12
October "	149,140	27·12
November "	216,770	39·48

The death-rate was highest in the following districts, which are arranged in order of sequence with the figures of the corresponding month of the previous year given against them for purpose of reference :—

Districts.	Ratio per *mille* during— Dec. 1891.	Dec. 1890.	*Districts.*	Ratio per *mille* during— Dec. 1891.	Dec. 1890.
Nadia	115·56	33·24	Dacca	47·52	66·12
Malda	99·00	31·92	Birbhum	45·48	31·56
Jessore	98 88	61·68	Howrah	45·00	45·60
Rajshahi	89·88	48·60	Champaran	44 28	25·68
Murshidabad	65·16	80·12	Burdwan	43 08	28·32
Faridpur	58·92	81·36	Midnapore	41·16	41·88
Serampore	56·04	44·04	Cuttack	40·68	28·68
Backergunge	52·56	71·40	Noakhali	40 08	49·56
Khulna	50·76	67·80	Bogra	35·76	39·36
Purnea	50·76	32·04	Darjeeling	35·40	39·36
Rangpur	50·64	34·56	Puri	34 56	39·24
Dinajpur	49·80	35·64	Bhágalpur	32·40	34·68
24 Parganas	49·56	42·24	Monghyr	32·28	30 36
Hooghly	49·08	36·84	Muzaffarpur	32·16	24·12
Balasore	48·36	45·24	Mymensingh	32·04	37·80
Pabna	48·24	59·40	Tippera	31·22	45·00
Jalpaiguri	48·00	41·28			

There were 20,349 deaths from cholera in December 1891, against 13,652 in the preceding month. The figure exceeds all the corresponding numbers of the past five years except 1886 and 1890, and also exceeds the average of the corresponding period of the past five years, 1886—90, by 4,876. One thousand four hundred and ten deaths from small-pox occurred in the month under notice, against 714 in the previous month. The total supersedes all the corresponding figures of past five years, and also exceeds the average of the corresponding month of the previous five years, 1886—90, by 998. The deaths from fever amounted to 183,260, against 171,864 in the preceding month. The figure exceeds any of the corresponding numbers of the past five years, and is beyond the quinquennial mean of the corresponding month of the previous five years, 1886—90, by 53,046. From dysentery and diarrhœa there were 4,532 deaths, against 4,011 in the preceding month. There were 1,157 deaths from injury, against 1,908 in the previous month. The mortality from all other causes amounted to 28,213, against 24,621 in the previous month.

Comparative mortality from the several specific death-causes.—The proportions in which the different death-causes contributed to the total mortality during December 1891, compared with past periods, are as follows:—

	Cholera.	Small-pox.	Fevers.	Dysentery and diarrhœa.	Injury.	All other causes.
December 1891	3·60	·24	33·36	·72	·12	5·04
" 1890	5·04	·12	25·80	·84	·12	5·16
Monthly mean of previous five years, 1886—90	2·76	·07	23·64	·84	·12	4·44
January 1891	2·76	·12	18·12	·60	·12	3·96
February "	2·76	·24	17·28	·60	·12	3·72
March "	4 80	·36	20·16	·72	·24	4 08
April "	8·04	·24	16·80	·48	·24	3·24
May "	4·80	·24	14·04	·48	·36	2·64
June "	3·24	·24	17·16	·60	·72	3 24
July "	3·60	·24	14·16	·48	·60	2·76
August "	2 64	·12	18·00	·60	·72	3·48
September "	1·20	·09	20 76	·60	·60	3·72
October "	1 08	·08	21·24	·60	·36	3·48
November "	2·40	·12	31·20	·72	·24	4·44

Prevalence and fatality of cholera and fever.—The highest rate from cholera was returned from Nadia (26·40), Rajshahi suffered next severely (11·64), then 24-Parganas (11·52), Jessore (11·04), Murshidabad (11·04), Howrah (10·32), Balasore (9·84), Khulna (7·80), Malda (7·32), Dacca (6·48), Cuttack (5·64), Mymensingh (5·52), Pabna (4·80), and Backergunge (4·20). The mortality from fever was highest in Malda (88·44 per mille), Nadia and Jessore come next with 84·72 and 84 48 respectively, followed by Rajshahi (74·64), Faridpur (51·60), Murshidabad (50·40), Purnea (49·20), Rangpur (48·60), Jalpaiguri (46·80), Dinajpur (45·96), Pabna (41·16), Khulna (37·80), Hooghly (37·44), Serampore (36·84), Champaran (36·72), Birbhum (35·28), Dacca (33·60), Noakhali (33·12), Burdwan (32·28), 24-Parganas (32·28), Bogra (31·20), and Backergunge (30·24).

Mortality according to sex and class.—Divided into sex and class the registered results of December 1891 were as follows:—

	Sex.			Class.				
	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.
Number of deaths	124,416	114,505	...	340	135,170	99,963	212	3,236
Ratio per *mille* per annum ..	45·60	41·28	110	42·00	37·92	56·28	31·92	28·28

It will be seen that the registered results according to sexes relating to each other, were greater among the male than among the female population; thus 110 males died for every 100 females, calculated on the proportion the mortality bears to the total male and female population of the province; but taking the districts individually, in only six districts, viz., Khulna, Dinajpur, Jalpaiguri, Noakhali, Purnea, and Puri, the death-rate among females is greater than that among males. The greatest mortality according to class or nationality, in proportion to population, occurred among Muhammadans and least among other classes.

Mortality according to age.—According to *age*, the death-rate, as usual, was highest among infants under one year of age, the ratio per mille being 314·64. The increase in December 1891 is no doubt due, in some measure, to better registration, but that does not altogether account for the large excess which is due to causes of local insanitation and the prevailing social condition of the people. The mortality among children over one year and under five years of age is (63·24) also much higher than it ought to be, and the large number of deaths in that period of life is no doubt due to the same cause as the high rate of infant mortality. The age period of greatest immunity during the month under notice was, as is generally the case, between the ages of 10 and 15, the rate being 19·68 per mille. The mortality among persons 60 years of age and upwards was at the rate of 104·52 per mille.

Detailed information under all heads will be found in the statement appended.

W. H. Gregg, *Dip. Publ. Health, Camb.*,
Sanitary Commissioner for Bengal.

The 7th March 1892.

Statement showing the Results of the Registration of Deaths in the Districts in Bengal for the month of December 1891.

1	2	3			4							5							6		7		8		9
					MORTALITY ACCORDING TO—																				
		POPULATION.			Disease.																Sex.				
					DEATHS FROM—							RATIO PER 1,000 OF POPULATION PER ANNUM.							COMPARISON WITH PREVIOUS PERIODS.		DEATHS AMONG—		RATIO PER 1,000 OF POPULATION PER ANNUM.		
DIVISIONS.	DISTRICTS.	Males.	Females.	Total.	Cholera.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injury.	Other diseases.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and Diarrhœa.	Injury.	Other diseases.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the previous month.	Ratio of deaths per 1,000 of population per annum in the corresponding month of the previous year.	Males.	Females.	Males.	Females.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
BURDWAN ...	Burdwan	668,295	723,528	1,391,823	447	12	3,755	120	7	662	*5,003*	3·94	·09	32·28	·96	·06	5·64	*43·08*	34·44	28·32	2,507	2,496	44·88	41·28	108
	Bankura	507,136	534,616	1,041,752	89	...	1,663	46	10	366	*2,174*	·96	...	19·08	1·48	·10	4·20	*24·96*	23·64	24·48	1,182	992	27·96	22·20	125
	Birbhum	381,563	412,865	794,428	183	...	2,310	11	6	477	*3,017*	2·76	...	35·28	·12	·08	7·20	*45·48*	41·64	31·56	1,579	1,438	49·56	41·76	118
	Midnapore	1,243,195	1,272,370	2,515,565	790	319	6,078	283	22	1,158	*8,648*	3·72	1·44	28·92	1·32	·09	5·52	*41·16*	36·36	41·88	4,496	4,152	43·32	39·12	111
	Hooghly	315,665	347,385	663,050	113	1	2,073	164	5	358	*2,714*	2·04	·01	37·44	2·88	·08	6·36	*49·08*	42·36	36·84	1,433	1,281	54·36	44·16	123
	Serampore	174,366	177,589	351,955	119	1	1,083	211	7	224	*1,645*	3·96	·02	36·84	7·08	·12	7·56	*56·04*	50·76	44·04	859	786	59·04	53·04	111
	Total (Hooghly including Serampore).	490,031	524,974	1,015,005	232	2	3,156	375	12	582	*4,359*	2·64	·01	37·20	4·32	·12	6·84	*51·48*	45·24	39·36	2,292	2,067	56·08	47·16	118
	Howrah	316,479	318,902	635,381	552	...	1,059	316	17	443	*2,387*	10·32	...	19·92	5·88	·24	8·28	*45·00*	35·88	45·60	1,220	1,167	46·20	43·80	105
PRESIDENCY ...	24-Parganas	860,841	812,521	1,673,362	1,617	3	4,516	258	63	459	*6,916*	11·52	·01	32·28	1·92	·36	3·24	*49·56*	36·24	42·24	3,681	3,235	51·24	47·76	107
	Nadia	805,779	849,942	1,655,721	3,619	2	11,691	25	35	555	*15,957*	26·40	·01	84·72	·12	·24	3·96	*115·56*	114·08	33·24	7,988	7,969	118·92	112·44	105
	Jessore	959,271	980,104	1,939,375	1,893	...	13,657	5	40	462	*15,967*	11·04	...	84·48	·02	·24	2·76	*98·88*	82·20	61·68	8,243	7,734	103·08	94·56	109
	Murshidabad	586,483	640,307	1,226,790	1,129	...	5,158	18	17	351	*6,673*	11·04	...	50·40	·12	·12	3·36	*65·16*	66·54	30·12	3,441	3,232	70·32	60·48	116
	Khulna	568,402	511,546	1,079,948	707	16	3,405	11	25	404	*4,571*	7·80	·12	37·80	·12	·24	4·44	*50·76*	44·52	67·80	2,354	2,217	49·68	51·96	95
RAJSHAHI ...	Dinajpur	782,292	732,054	1,514,346	80	...	5,805	15	23	363	*6,286*	·60	...	45·06	·10	·12	2·76	*49·80*	60·12	35·64	3,195	3,091	48·96	51·64	96
	Rajshahi	660,040	678,205	1,338,245	1,306	...	8,356	12	32	319	*10,025*	11·64	...	74·64	·09	·24	3·00	*89·88*	79·56	48·60	4,992	5,033	90·72	89·04	101
	Rangpur	1,067,701	1,030,263	2,097,964	21	4	8,515	28	19	274	*8,861*	·12	·12	48·60	·12	·10	1·56	*50·64*	45·24	34·56	4,590	4,271	51·48	49·68	103
	Bogra	372,863	361,888	734,751	71	...	1,917	13	14	361	*2,376*	1·08	...	31·20	·12	·12	5·88	*38·76*	33·96	39·36	1,256	1,120	40·32	37·08	108
	Pabna	648,311	663,417	1,311,728	534	...	4,500	23	16	201	*5,274*	4·80	...	41·16	·12	·12	1·80	*48·24*	50·88	59·40	2,780	2,494	51·36	45·00	114
	Darjeeling	89,351	66,294	155,645	...	...	330	50	3	77	*460*	...	...	25·44	3·84	·12	5·88	*35·40*	28·20	39·36	268	192	35·88	34·68	103
	Jalpaiguri	305,972	276,418	582,390	...	...	2,274	8	3	49	*2,334*	...	...	46·80	·12	·06	·96	*48·00*	49·80	41·28	1,206	1,128	47·28	48·96	96
DACCA	Dacca	1,033,863	1,082,487	2,116,350	1,149	17	5,932	208	28	1,047	*8,381*	6·48	·09	33·60	1·08	·12	5·88	*47·52*	35·52	66·12	4,308	4,073	49·92	45·12	110
	Faridpur	805,989	825,745	1,631,734	355	1	7,024	55	16	569	*8,020*	2·52	·007	51·60	·36	·10	4·08	*58·92*	41·40	64·36	4,048	3,972	60·24	57·72	104
	Backergunge	973,479	927,410	1,900,889	674	7	4,800	51	59	2,738	*8,329*	4·20	·03	30·24	·24	·36	17·28	*52·56*	41·16	71·40	4,273	4,056	52·56	52·44	106
	Mymensing	1,555,840	1,501,103	3,056,943	1,418	4	5,726	87	45	893	*8,173*	5·52	·01	22·44	·24	·12	3·48	*32·04*	29·28	37·80	4,338	3,835	34·32	31·32	109
CHITTAGONG ...	Chittagong	531,649	600,692	1,132,341	46	52	2,144	63	33	321	*2,659*	·48	·48	22·68	·60	·24	3·36	*28·08*	24·96	37·32	1,345	1,314	30·24	26·16	115
	Noakhali	415,248	405,524	820,772	162	...	2,270	20	23	274	*2,749*	2·28	...	33·12	·24	·24	3·96	*40·08*	31·08	49·56	1,327	1,422	38·28	42·00	91
	Tippera	768,450	745,911	1,514,361	320	...	2,904	72	23	641	*3,960*	2·52	...	22·92	·48	·12	5·04	*31·32*	21·24	45·00	2,135	1,825	33·24	29·28	113
PATNA	Patna	856,501	895,058	1,751,559	45	10	3,019	171	32	823	*4,100*	·24	·06	20·64	1·08	·12	5·52	*28·08*	30·00	23·16	2,241	1,859	31·32	24·84	126
	Gaya	1,043,441	1,081,241	2,124,682	27	54	3,898	36	47	675	*4,737*	·12	·24	21·96	·12	·24	3·72	*26·64*	29·04	24·60	2,560	2,177	29·40	24·12	121
	Shahabad	950,250	1,014,659	1,964,909	28	20	3,582	33	42	507	*4,212*	·12	·12	21·84	·12	·24	3·00	*25·58*	29·40	28·08	2,385	1,827	30·00	21·90	138
	Muzaffarpur	1,265,731	1,316,329	2,582,060	149	22	5,692	128	46	853	*6,928*	·84	·09	26·40	·48	·12	3·96	*32·16*	29·64	24·12	3,770	3,159	35·64	25·68	124
	Darbhanga	1,295,788	1,337,659	2,633,447	101	3	4,514	161	24	375	*5,178*	·36	·01	20·52	·72	·10	1·68	*23·52*	21·12	21·72	2,811	2,367	25·92	21·12	123
	Saran	1,085,847	1,199,832	2,285,679	31	13	2,785	283	47	2,474	*5,633*	·12	·06	14·52	1·44	·24	12·96	*29·52*	29·64	24·24	3,082	2,551	33·96	25·44	135
	Champaran	870,627	850,981	1,721,608	...	3	5,284	18	32	1,024	*6,361*	...	·01	36·72	·12	·12	7·08	*44·28*	42·48	25·08	3,399	2,962	46·80	41·76	118
BHAGALPUR ...	Monghyr	969,124	1,000,650	1,969,774	9	4	4,440	37	46	775	*5,311*	·04	·02	27·00	·12	·24	4·68	*32·28*	39·00	30·36	2,891	2,420	35·76	28·92	123
	Bhágalpur	979,119	987,039	1,966,158	25	1	4,753	64	29	440	*5,312*	·12	·006	28·92	·38	·12	2·64	*32·40*	33·36	34·68	2,815	2,497	34·44	30·24	113
	Purnea	937,080	911,607	1,848,687	120	30	7,582	4	15	87	*7,838*	·72	·12	49·20	·02	·09	·48	*50·76*	49·08	32·04	3,931	3,907	50·28	51·36	97
	Malda	346,998	363,450	710,448	434	6	5,241	16	8	162	*5,867*	7·32	·09	88·44	·24	·12	2·64	*99·00*	107·76	31·92	3,067	2,800	105·96	92·40	114
	Sonthal Parganas ...	785,330	782,763	1,568,093	95	...	2,292	20	25	246	*2,678*	·72	...	17·52	·12	·12	1·80	*20·40*	21·00	15·60	1,469	1,209	22·44	18·48	121
ORISSA	Cuttack	877,702	917,363	1,795,065	852	395	2,884	452	61	1,451	*6,095*	5·64	2·64	19·20	3·00	·36	9·60	*40·68*	33·60	28·68	3,012	3,083	41·16	40·32	102
	Puri	446,609	441,878	888,487	218	179	575	249	18	1,327	*2,566*	2·88	2·40	7·68	3·36	·24	17·88	*34·56*	29·64	39·24	1,261	1,305	33·64	35·40	95
	Balasore	461,461	483,819	945,280	784	16	1,396	407	27	1,183	*3,813*	9·84	·60	17·64	5·16	·24	14·40	*48·36*	36·84	45·24	1,973	1,840	51·24	45·60	112
CHOTA NAGPUR.	Hazáribágh	544,903	559,839	1,104,742	...	19	1,969	47	35	399	*2,469*	...	·12	21·36	·48	·36	4·32	*26·76*	26·40	28·20	1,308	1,161	28·80	24·84	115
	Lohardaga	796,657	812,587	1,609,244	7	130	2,375	147	9	886	*3,554*	·04	·96	17·64	1·08	·06	6·60	*26·40*	27·12	21·72	1,942	1,612	29·16	23·76	122
	Singbhum	226,681	227,094	453,775	11	26	625	55	9	117	*843*	·36	·60	16·44	1·44	·12	3·00	*22·20*	18·24	27·00	469	374	24·72	19·68	125
	Manbhum	525,328	532,900	1,058,228	30	...	1,401	33	11	392	*1,867*	·24	...	15·84	·36	·12	4·44	*21·12*	19·92	22·32	986	881	22·44	19·80	113
	TOTAL FOR THE PROVINCE.	32,663,700	33,195,834	65,859,534	20,349	1,410	183,260	4,532	1,157	28,313	*238,991*	3·60	·24	33·36	·72	·12	5·04	*43·44*	39·48	37·32	124,486	114,505	45·60	41·25	110

MORTALITY ACCORDING TO—

10–11. Class

Divisions.	Districts.	Deaths among— Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Ratio per 1,000 of population per annum. Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.
BURDWAN	Burdwan	1	3,876	1,126	...	...	13·08	41·40	51·12	...	...
	Bankura	...	2,009	99	...	64	...	26·40	25·56	...	9·48
	Birbhum	...	2,402	647	...	8	...	46·68	41·76	...	6·00
	Midnapore	2	7,848	684	...	214	32·40	42·12	41·72	...	21·84
	Hooghly	...	2,196	518	...	...	...	49·32	47·88	...	...
	Serampore	...	1,365	280	...	...	...	56·16	50·28	...	...
	Total (Hooghly including Serampore).	..	3,561	798	...	...	...	51·72	50·52	...	...
	Howrah	2	1,715	670	...	...	11·64	41·04	61·84	...	...
PRESIDENCY	24-Parganas	22	4,277	2,617	...	...	25·68	49·72	50·28	...	...
	Nadia	154	5,645	10,158	...	...	287·76	93·00	132·24	...	...
	Jessore	3	5,112	10,852	...	...	75·24	78·24	111·24	...	...
	Murshidabad	...	3,289	3,384	...	...	...	42·16	68·76	...	...
	Khulna	1	2,019	2,551	...	...	15·92	46·20	65·68	...	..
RAJSHAHI	Dinajpur	...	2,595	3,691	...	...	...	43·44	55·56	...	...
	Rajshahi	...	1,712	8,313	...	...	...	71·04	95·04	...	...
	Rangpur	...	2,885	5,976	...	...	...	42·36	76·04	...	...
	Bogra	...	443	1,933	...	...	...	37·68	39·00	...	...
	Pabna	...	1,204	4,070	...	...	...	39·96	51·36	...	...
	Darjeeling	...	374	29	57	...	...	33·28	42·36	36·30	...
	Jalpaiguri	...	1,267	1,662	...	5	...	41·16	61·08	...	12·96
DACCA	Dacca	43	3,219	5,119	...	...	58·38	45·00	49·08	...	...
	Faridpur	5	2,641	5,374	...	...	21·84	45·33	66·12	...	...
	Backergunge	8	2,322	5,899	...	...	25·80	44·52	57·76	...	...
	Mymensingh	...	2,810	5,362	...	1	...	34·20	31·44	...	·36
CHITTAGONG	Chittagong	1	555	1,948	155	...	11·28	24·12	29·04	34·32	...
	Noakhali	2	571	2,176	...	...	40·80	32·40	42·84	...	...
	Tippera	...	1,325	2,635	...	...	...	31·20	31·44	..	...
PATNA	Patna	...	3,622	478	...	...	...	28·20	26·88	...	...
	Gya	...	4,224	513	...	...	...	26·76	26·40	...	...
	Shahabad	...	3,908	314	...	...	...	25·68	21·84	...	...
	Muzaffarpur	...	6,200	728	...	...	...	32·76	27·60	...	...
	Darbhanga	1	4,635	542	...	...	36·84	23·88	21·00	...	...
	Saran	...	5,045	588	...	...	...	31·00	26·16	...	...
	Champaran	8	5,465	888	...	3	49·56	44·40	43·80	...	4·92
BHÁGALPUR	Monghyr	...	4,861	448	...	...	...	31·76	28·56	...	...
	Bhágalpur	2	4,561	449	...	...	41·52	33·00	29·04	...	...
	Purnea	...	3,935	3,853	...	...	...	44·04	69·36	...	...
	Malda	1	2,002	2,964	...	...	461·52	91·80	107·88	...	...
	Sonthal Parganas	2	1,527	324	...	825	7·80	21·60	37·64	...	16·20
ORISSA	Cuttack	5	5,990	100	...	...	25·56	41·16	25·20	...	...
	Puri	...	2,532	34	...	...	...	34·68	29·04	...	...
	Balasore	1	3,725	87	...	...	14·64	48·72	43·80	...	...
CHOTA NAGPUR	Hazáribágh	...	2,102	231	...	136	...	27·12	28·04	...	22·20
	Lohardaga	67	1,471	162	...	1,834	22·08	20·28	28·20	...	35·04
	Singhbhum	8	829	6	...	...	32·04	22·20	39·84	...	...
	Manbhum	1	1,641	61	...	144	21·72	29·76	21·36	...	26·16
	TOTAL FOR THE PROVINCE.	340	135,170	99,963	212	3,236	42·00	37·92	56·28	31·92	23·28

12. Age — Deaths

Districts.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan	877	746	433	172	227	521	493	467	367	709
Bankura	417	356	162	93	111	295	171	169	164	37
Birbhum	647	543	287	105	120	271	209	186	191	458
Midnapore	1,523	1,181	688	359	410	924	808	824	685	1,168
Hooghly	430	364	210	86	122	270	259	271	249	453
Serampore	215	222	164	80	66	176	174	169	145	254
Total (Hooghly including Serampore).	635	586	383	166	188	426	433	440	394	707
Howrah	393	342	241	117	123	240	192	187	180	382
24-Parganas	814	1,218	800	593	420	724	645	485	417	977
Nadia	1,806	4,254	2,030	945	831	1,161	1,024	1,098	827	1,777
Jessore	2,004	3,009	2,100	1,059	979	1,336	1,223	173	579	1,484
Murshidabad	864	1,413	860	379	380	580	455	467	434	858
Khulna	682	674	470	230	314	534	445	370	281	572
Dinajpur	1,053	1,201	485	280	380	861	650	565	359	452
Rajshahi	1,465	2,404	1,139	615	623	931	842	671	547	741
Rangpur	1,512	1,610	842	440	580	967	916	686	557	761
Bogra	545	377	198	78	150	273	200	171	140	242
Pabna	731	1,116	787	322	261	409	434	299	248	648
Darjeeling	68	70	28	21	30	82	66	44	20	31
Jalpaiguri	528	351	123	69	115	248	274	208	172	212
Dacca	1,318	1,526	787	410	436	811	737	501	469	1,308
Faridpur	1,206	1,909	849	376	424	591	554	509	504	1,009
Backergunge	2,466	1,130	719	337	311	763	618	476	414	1,016
Mymensingh	1,110	1,048	730	456	539	1,000	878	639	524	1,224
Chittagong	575	323	216	108	124	223	254	297	173	466
Noakhali	606	426	246	145	130	241	217	181	100	388
Tippera	813	342	261	181	317	465	423	341	204	534
Patna	927	507	175	119	106	324	311	363	459	869
Gya	932	676	266	158	125	364	346	407	435	968
Shahabad	754	396	188	100	99	415	447	448	415	901
Muzaffarpur	1,214	1,209	552	276	190	532	533	592	619	1,192
Darbhanga	759	1,023	382	204	175	441	441	475	472	738
Saran	521	564	267	191	172	404	551	565	653	1,714
Champaran	859	960	557	333	180	514	614	624	614	1,105
Monghyr	1,104	1,043	268	167	103	339	585	409	501	987
Bhágalpur	901	1,019	369	189	178	553	634	478	503	682
Purnea	1,186	1,355	545	245	245	778	810	810	628	976
Malda	742	1,578	728	344	298	516	471	398	279	523
Sonthal Parganas	535	355	237	150	139	254	158	158	165	361
Cuttack	1,583	873	555	217	276	513	471	403	622	852
Puri	779	282	147	60	87	192	147	210	217	415
Balasore	928	435	249	112	174	326	351	342	333	513
Hazáribágh	617	373	188	119	68	175	200	189	215	525
Lohardaga	877	532	258	155	103	324	271	282	312	440
Singhbhum	145	134	69	28	32	69	68	90	85	123
Manbhum	493	239	134	73	88	138	143	143	159	257
TOTAL FOR THE PROVINCE.	40,596	43,006	22,244	11,072	11,431	22,053	20,709	16,561	16,981	32,266

13. Age — Ratio per 1,000 of population per annum

Districts.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan	331·32	68·16	31·20	15·36	22·08	24·48	26·64	36·72	45·36	105·00
Bankura	182·04	30·12	12·84	10·80	14·04	13·68	17·92	21·00	31·56	79·92
Birbhum	465·12	81·48	34·24	15·60	21·48	23·36	20·40	25·80	59·48	118·92
Midnapore	292·32	51·60	28·76	17·40	21·48	23·28	29·04	42·12	57·36	102·36
Hooghly	297·12	73·92	39·40	16·68	24·48	24·96	26·16	42·36	62·40	147·00
Serampore	257·32	83·52	58·32	31·44	25·20	26·52	35·88	49·56	68·76	166·60
Total (Hooghly including Serampore).	282·36	77·28	44·88	21·48	21·72	25·56	31·56	45·24	64·56	150·36
Howrah	216·84	64·36	37·08	22·80	25·80	23·64	24·48	36·84	57·48	118·20
24-Parganas	221·76	75·48	41·52	29·04	30·16	27·84	31·08	36·60	51·96	116·40
Nadia	505·68	252·60	110·52	65·52	82·08	33·04	54·36	72·84	92·52	201·60
Jessore	467·04	204·72	87·84	62·28	78·00	59·40	35·56	60·72	84·12	151·56
Murshidabad	372·24	119·85	57·96	36·36	46·32	34·08	32·48	45·12	67·68	124·80
Khulna	272·40	63·72	37·08	25·20	39·24	33·72	35·16	41·56	54·48	109·80
Dinajpur	300·84	82·92	22·92	22·44	34·00	40·08	34·44	46·08	53·88	72·84
Rajshahi	561·84	177·60	63·72	51·24	71·64	48·72	65·48	63·00	90·36	126·96
Rangpur	354·00	60·52	31·80	26·40	45·60	73·00	32·64	39·64	50·88	82·92
Bogra	425·28	46·80	19·44	12·84	34·24	25·40	22·80	31·20	46·08	78·60
Pabna	242·12	74·52	44·88	39·60	33·00	24·12	28·80	29·40	40·68	89·40
Darjeeling	250·76	51·60	18·00	16·08	27·24	28·08	30·72	38·52	33·00	53·40
Jalpaiguri	392·28	66·12	17·52	13·50	33·00	30·84	35·64	42·12	60·84	78·72
Dacca	269·52	63·00	28·20	21·72	32·28	28·80	31·56	37·92	50·04	118·20
Faridpur	357·12	110·16	42·36	25·04	42·24	26·52	31·32	39·24	61·44	122·28
Backergunge	613·12	54·84	32·28	20·64	28·56	16·64	28·76	33·36	44·88	123·12
Mymensingh	178·36	70·60	18·00	17·76	25·44	13·76	25·20	28·92	40·32	85·56
Chittagong	205·80	25·44	13·08	9·36	15·36	15·36	22·08	25·44	30·84	90·72
Noakhali	312·36	45·60	22·32	19·44	24·00	22·20	24·60	31·08	41·40	108·36
Tippera	275·52	22·56	13·20	13·12	29·04	22·32	24·00	30·84	38·40	81·36
Patna	269·40	28·65	9·00	8·52	11·16	13·32	14·52	23·16	44·04	75·48
Gya	278·28	29·16	16·92	9·00	10·68	12·36	13·08	21·60	36·60	91·68
Shahabad	261·48	18·84	8·28	6·36	9·24	15·12	17·40	27·12	46·56	85·20
Muzaffarpur	535·68	44·52	16·56	12·84	13·56	15·48	16·68	25·68	43·68	92·76
Darbhanga	176·16	35·04	11·28	9·60	11·64	12·84	13·68	19·80	33·12	67·92
Saran	116·64	24·12	9·48	9·00	13·92	15·36	18·12	28·32	55·56	149·16
Champaran	233·16	57·00	27·36	21·36	18·84	21·24	27·24	41·64	72·48	138·60
Monghyr	354·28	49·56	10·68	9·84	9·12	13·08	15·84	24·00	49·80	104·64
Bhágalpur	283·28	53·04	13·44	10·68	15·00	19·68	21·00	30·00	56·28	72·84
Purnea	376·44	87·36	22·80	18·60	21·48	29·88	34·44	51·72	72·72	125·88
Malda	456·24	226·68	60·16	56·28	59·64	53·16	56·16	69·36	88·56	145·44
Sonthal Parganas	206·64	20·28	12·00	9·96	14·64	13·20	11·28	18·36	25·20	56·16
Cuttack	505·80	46·08	17·04	13·44	24·24	20·16	23·52	30·24	54·24	90·72
Puri	611·64	29·76	13·80	8·04	15·60	13·80	18·72	28·56	44·04	100·80
Balasore	542·16	50·88	21·12	12·96	28·56	23·56	31·92	44·28	72·72	124·32
Hazáribágh	213·12	23·52	12·00	12·12	10·68	11·64	15·12	23·76	46·56	89·64
Lohardaga	247·08	26·64	11·40	10·20	10·68	14·64	14·52	25·56	49·20	81·24
Singhbhum	199·08	26·14	11·04	6·48	10·08	11·04	12·72	27·60	45·36	75·72
Manbhum	206·64	22·20	8·76	5·88	11·64	9·84	11·64	19·68	33·72	59·16
TOTAL FOR THE PROVINCE.	314·64	63·24	27·00	19·68	27·36	23·88	26·04	34·92	52·20	104·52

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 7th March 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.*,
Sanitary Commissioner for Bengal.

STATEMENT SHOWING THE RESULTS OF THE REGISTRATION OF BIRTHS AND DEATHS IN THE PRINCIPAL MUNICIPALITIES IN BENGAL DURING THE WEEK ENDING WITH SATURDAY, THE 13TH FEBRUARY 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 13th February 1892.

1	2	3			4			5			6	7							8							9	10		11		12
DISTRICTS.	NAMES OF MUNICIPALITIES.	POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.				Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
		Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan	Burdwan	18,063	16,017	34,080	15	14	*29*	22·9	21·3	*44·2*	107	...	9	16	8	...	7	*40*	...	13·7	24·4	12·2	...	10·7	*61·0*	73·2	19	21	54·7	68·2	80
	Raniganj	6,246	4,691	10,937	2	4	*6*	9·5	19·0	*28·5*	50	2	...	6	2	...	3	*13*	9·5	...	23·5	9·5	...	14·3	*61·8*	38·0	9	4	74·9	44·3	169
Bankura	Bankura	8,970	8,925	17,895	5	5	*10*	14·5	14·5	*29·1*	100	...	...	14	...	...	1	*15*	...	...	40·7	...	...	2·9	*43·6*	24·2	4	11	23·2	64·1	36
Birbhum	Suri	3,982	3,866	7,848	1	2	*3*	6·6	13·3	*19·9*	50	...	...	8	..	...	2	*10*	..	...	53·0	...	...	13·3	*66·3*	92·8	3	7	39·2	94·2	42
Midnapore	Midnapore	16,927	16,633	33,560	9	6	*15*	13·9	9·3	*23·2*	150	5	...	19	6	...	5	*35*	7·7	...	29·4	9·3	...	7·7	*54·2*	43·4	25	10	76·8	31·3	245
Hooghly, including Serampur.	Hooghly and Chinsurah.	15,858	15,829	31,687	12	14	*26*	19·7	23·0	*42·7*	85	2	...	28	4	...	7	*41*	3·3	...	45·9	6·6	...	11·5	*67·3*	39·4	24	17	78·7	55·8	141
	Serampur	13,559	12,937	26,496	5	9	*14*	9·8	17·7	*27·5*	55	...	...	16	5	...	3	*24*	...	...	31·4	9·8	...	5·9	*47·1*	37·3	17	7	65·2	28·1	232
	Utterpara	3,046	2,464	5,510	1	4	*5*	9·4	37·7	*47·2*	25	...	..	2	3	...	...	*5*	...	...	18·9	28·3	...	...	*47·2*	66·1	4	1	68·3	21·1	323
Howrah	Howrah	53,153	37,660	90,813	26	21	*47*	14·9	12·0	*26·9*	123	14	...	28	15	...	9	*66*	8·0	...	16·0	8·6	...	5·2	*37·8*	31·5	39	27	[illegible]	37·3	102
	Bali	7,836	6,979	14,815	6	5	*11*	21·1	17·5	*38·6*	120	...		7	1	...	3	*11*	...	...	24·6	3·5	...	10·5	*38·6*	28·1	6	5	39·8	37·3	106
24-Parganas	Cossipore-Chitpur	16,080	10,214	26,294	3	2	*5*	5·9	3·9	*9·9*	150	...	..	1	1	...	2	*4*	...		2·0	2·0	...	3·9	*7·9*	13·8	3	1	9·7	5·1	190
	Manicktolla	16,536	12,112	28,648	1	...	*1*	1·8	...	*1·8*	No female birth.	...	..	1	...	...	...	*1*	...	...	1·8	...	...	...	*1·8*	5·4	...	1	...	4·3	No male death.
	Baranagore*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	......
	South Suburban*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	......
Nadia	Krishnagar	13,263	14,214	27,477	12	9	*21*	23·7	17·0	*39·7*	133	...	...	15	1	...	2	*18*	...	...	28·4	1·9	...	3·8	*34·1*	32·2	12	6	47·0	22·0	213
	Ranaghat	4,028	4,655	8,683	4	...	*4*	24·0	...	*24·0*	No female birth.	2	.	6	...	...	3	*11*	12·0	...	35·9	...	...	18·0	*65·9*	29·9	5	6	64·5	67·0	96
	Santipore	13,708	15,979	29,687	11	8	*19*	19·3	14·0	*33·3*	137	...	.	15	...	..	2	*17*	...	...	26·3	...	...	3·5	*29·8*	28·8	9	8	34·1	26·0	131
Jessore	Jessore	4,830	3,665	8,495	1	1	*2*	6·1	6·1	*12·2*	100	...	...	8	...	...	1	*9*	...	...	49·0	...	...	6·1	*55·1*	49·0	8	1	113·5	16·8	1,051
Murshidabad	Berhampore	11,657	11,948	23,605	7	10	*17*	15·4	22·0	*37·4*	70	...	...	17	...	...	1	*18*	...	...	37·4	...	...	2·2	*39·7*	19·8	10	8	44·6	34·8	128
	City Murshidabad	18,901	20,330	39,231	8	12	*20*	10·6	15·9	*26·5*	66	...	...	24	3	...	1	*28*	...	...	45·1	4·0	...	1·3	*50·4*	46·4	23	15	63·3	38·4	164
Khulna	Khulna	3,249	3,043	6,292	3	1	*4*	16·5	8·2	*24·8*	300	...	...	4	...	...	1	*5*	...	...	33·0	...	...	8·2	*41·2*	8·2	1	4	16·0	68·4	23
Dinajpur	Dinajpur	7,254	5,306	12,560	8	2	*10*	33·3	8·3	*41·4*	400	...	...	4	1	...	4	*9*	...	...	16·5	4·1	...	16·5	*37·2*	41·4	8	1	57·3	9·8	584

Rajshahi ...	Rampur Boalia ...	10,766	9,025	19,791	3	1	*4*	7·9	2·8	*10·3*	300	1	...	19	...	2	...	*22*	2·6	...	40·9	...	5·8	...	*57·8*	57·8	13	8	47·6	40·1	149
Rangpur ...	Rangpur	8,011	5,369	13,380	2	2	*4*	7·8	7·8	*15·6*	100	...	...	11	1	...	...	*12*	...	...	45·9	3·9	...	...	*45·8*	52·7	18	12	64·9	19·6	332
Bogra ...	Bogra	3,280	2,899	6,179	5	2	*7*	40·1	16·8	*56·9*	250	...	...	5	...	...	1	*6*	...	...	48·1	...	...	8·1	*56·2*	38·7	5	1	74·7	19·8	337
Pabna ...	Pabna	7,701	7,586	15,287	4	2	*6*	13·6	6·8	*20·4*	200	...	...	5	...	...	...	*5*	...	...	17·0	...	...	...	*17·0*	17·0	1	4	6·8	27·8	25
	Sirajganj	11,813	9,824	21,637	8	2	*10*	19·8	4·9	*24·7*	400	...	1	5	2	...	2	*10*	...	2·5	12·8	4·9	...	4·9	*22·7*	14·8	7	3	33·5	19·8	249
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	2	1	*3*	14·8	7·4	*22·2*	200	...	...	3	3	...	...	*6*	...	...	22·2	22·2	...	...	*42·5*	42·5	2	4	22·2	38·5	28
Jalpaiguri ...	Jalpaiguri ...	4,972	2,975	7,947	...	3	*3*	...	19·6	*19·6*	No male birth.	2	...	8	1	...	...	*11*	13·1	...	58·9	6·5	...	...	*78·6*	32·7	10	1	104·6	17·6	507
Dacca ...	Dacca	42,782	37,379	80,161	27	26	*53*	17·5	16·9	*34·4*	104	2	14	42	3	...	15	*76*	·6	9·1	27·2	1·9	...	9·7	*49·3*	39·6	30	26	60·6	36·2	167
	Narainganj ...	7,605	4,956	12,561	7	12	*19*	29·0	49·7	*78·7*	58	...	...	3	...	...	3	*6*	...	...	12·9	...	...	12·4	*24·8*	39·8	2	5	21·0	29·4	76
Faridpur ...	Faridpur ...	5,663	4,600	10,263	1	1	*2*	5·0	5·0	*10·1*	160	1	...	2	...	...	...	*3*	5·0	...	10·1	...	...	...	*15·2*	30·4	2	2	18·4	12·2	108
Backergunge ...	Barisal	8,701	4,485	13,186	5	3	*8*	19·7	11·8	*31·5*	166	...	...	6	...	...	2	*8*	...	...	23·7	...	...	7·9	*31·6*	30·4	4	4	23·9	40·4	51
Mymensingh ...	Nasirabad ...	10,443	4,413	14,856	1	...	*1*	3·5	...	*3·5*	No female birth.	...	...	2	3	...	1	*6*	...	...	7·0	10·5	...	3·5	*21·0*	3·5	2	4	10·0	47·1	21
Chittagong ...	Chittagong ...	13,340	8,790	22,130	10	9	*19*	23·5	21·1	*44·6*	111	...	...	8	...	...	...	*8*	...	...	15·8	...	...	...	*15·8*	15·8	6	2	23·4	11·8	186
Noakhali ...	Sudharam ...	3,410	1,714	5,124	2	3	*5*	20·2	30·4	*50·7*	66	...	...	3	...	...	...	*3*	...	...	30·4	...	...	...	*30·4*	40·6	3	...	45·7	...	No female death.
Tippera ...	Comilla	8,153	5,353	13,506	6	8	*14*	23·1	30·8	*53·9*	75	3	...	2	...	1	12	*18*	11·6	...	7·7	...	3·8	46·2	*69·3*	46·2	10	8	68·8	77·7	83
Patna ...	Patna City ...	78,762	81,475	160,237	49	44	*93*	15·9	14·3	*30·2*	111	1	..	38	16	1	20	*74*	·3	...	11·7	5·2	·3	6·5	*24·1*	21·7	38	35	28·8	26·3	94
	Bihár	23,799	25,172	48,971	16	21	*37*	17·0	22·3	*39·3*	76	...	...	19	...	...	5	*24*	...	...	23·2	...	...	5·3	*28·5*	33·9	16	8	35·0	16·5	213
	Dinapore	27,424	26,801	54,225	11	11	*22*	10·9	10·9	*21·9*	100	...	..	11	2	...	3	*16*	...	...	10·9	2·0	...	3·0	*15·9*	Data not received.	9	7	18·4	13·6	135
Gaya ...	Gaya	38,290	37,831	76,121	19	20	*39*	13·0	13·6	*26·6*	95	5	...	41	5	3	2	*56*	3·4	...	28·0	3·4	2·0	1·4	*38·3*	32·1	25	31	34·0	48·6	80
Shahabad ...	Arrah	20,960	22,505	43,465	13	19	*32*	15·6	22·7	*38·3*	68	...	...	13	2	...	9	*24*	...	..	15·6	12·4	...	10·7	*28·7*	39·5	14	10	34·7	23·1	150
	Buxar	9,299	8,369	17,668	1	6	*7*	2·9	17·7	*20·6*	16	...	.	5	...	...	2	*7*	...	...	14·7	...	...	5·9	*20·6*	26·5	2	5	11·2	31·1	34
Muzaffarpur ...	Muzaffarpur ...	23,084	19,658	42,742	18	14	*32*	21·9	17·0	*38·9*	128	...	...	28	...	...	5	*33*	...	...	32·0	...	...	6·1	*40·1*	30·2	17	10	38·3	42·3	98
Darbhanga ...	Darbhanga ...	33,774	32,322	66,096	31	26	*57*	21·4	20·4	*44·8*	119	...	...	14	8	...	9	*31*	...	...	11·0	6·3	...	7·1	*24·4*	29·1	21	16	32·3	18·1	206
Saran ...	Chapra	25,116	26,554	51,670	20	12	*32*	20·1	12·1	*32·2*	166	...	...	12	2	...	16	*30*	...	...	13·1	2·0	...	16·1	*30·9*	34·2	14	16	20·0	32·3	88
Champaran ...	Motihari	6,328	3,979	10,307	1	7	*8*	5·0	35·3	*40·4*	14	...	...	14	...	...	...	*14*	...	...	70·6	...	...	...	*70·6*	65·6	7	7	57·5	91·5	63
Monghyr ...	Monghyr	28,154	29,366	57,520	22	34	*56*	19·9	30·7	*50·6*	64	...	...	17	7	1	11	*36*	...	...	15·4	6·3	·9	9·9	*32·5*	15·4	21	15	38·5	34·8	145
	Jamálpur ...	7,456	6,107	13,563	5	3	*8*	19·1	11·5	*30·7*	166	...	...	4	...	...	1	*5*	...	...	15·3	...	...	3·8	*19·1*	34·5	2	3	18·2	25·5	54
Bhágalpur ...	Bhágalpur ...	34,916	33,322	68,238	13	19	*32*	9·9	14·4	*24·4*	68	2	..	29	3	...	3	*37*	1·5	...	22·1	2·3	...	2·3	*28·2*	34·3	20	17	29·8	26·5	118
Purnea ...	Purnea	8,463	6,553	15,016	2	5	*7*	6·9	17·3	*24·2*	40	...	...	11	...	1	1	*13*	...	...	35·1	...	3·4	3·4	*45·0*	34·6	7	6	43·9	47·6	90
Malda ...	English Bazar ...	6,289	6,141	12,430	3	2	*5*	12·5	8·4	*20·9*	150	...	...	9	1	...	1	*11*	...	...	37·6	4·2	...	4·2	*46·0*	62·8	6	5	49·6	48·3	1 7
Sonthal Parganas.	Deoghur	4,964	3,041	8,005	1	1	*2*	6·5	6·5	*13·0*	100	8	...	2	...	...	1	*11*	51·9	...	13·0	...	...	6·5	*71·5*	76·6	6	5	62·9	85·5	78
Cuttack ...	Cuttack	22,632	20,607	43,239	12	12	*24*	14·4	14·4	*28·9*	100	5	3	18	9	...	16	*51*	6·0	3·6	21·6	10·8	...	19·2	*61·3*	54·1	21	30	48·5	75·7	68
Puri ...	Puri	13,247	11,537	24,784	8	11	*19*	16·8	23·1	*39·9*	72	3	1	9	5	...	9	*27*	6·3	2·1	18·8	10·3	...	18·8	*56·6*	67·1	15	12	56·9	54·1	108
Balasore ...	Balasore	10,382	9,983	20,365	11	5	*16*	26·2	12·8	*41·1*	220	2	...	.	1	...	5	*8*	5·1	...	...	2·6	...	12·8	*20·5*	35·9	6	2	30·3	10·4	200
Házáribágh ...	Hazáribágh ...	7,639	7,667	15,306	6	5	*11*	20·4	17·0	*37·4*	120	...	...	6	1	...	2	*9*	...	...	20·4	3·4	...	6·8	*30·6*	17·0	3	6	20·4	40·7	50
Lohardaga ...	Ranchi	10,101	8,342	18,443	8	8	*16*	22·5	22·5	*45·1*	100	...	...	6	2	...	4	*12*	...	...	16·9	5·6	...	11·3	*33·8*	50·2	8	4	41·2	24·9	165
Singhbhum ...	Chaibassa	3,126	2,880	6,006	3	1	*4*	26·0	8·6	*34·6*	300	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·6	...	...	...	...	...
Manbhum ...	Purulia	5,060	4,244	9,304	4	4	*8*	22·3	22·3	*44·7*	100	...	...	4	2	...	2	*8*	...	...	22·3	11·1	...	11·1	*44·7*	16·8	5	3	51·4	36·8	139
	Total ...	855,130	773,450	1,628,580	499	494	*993*	15·9	15·8	*31·7*	101	60	28	681	129	9	220	*1,127*	1·9	·9	21·7	4·1	·3	7·0	*36·0*	32·7	636	469	38·3	32·9	118

* Return not received up to date.

DISTRICTS.	NAMES OF MUNICIPALITIES.	13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
		Deaths among—					Ratio per 1,000 of population per annum.					Deaths.										Ratio per 1,000 of population per annum.									
		Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	19	21	...	...	...	41.7	106.4	...	...	7	4	...	...	1	7	10	5	3	3	551.5	92.2	...	...	16.6	45.9	75.4	58.9	63.5	105.3
	Raniganj	...	12	1	...	...	...	69.9	28.3	...	...	1	2	1	...	...	4	4	1	...	...	221.3	105.7	45.9	...	...	81.7	96.6	41.6	...	...
Bankura ...	Bankura	...	15	...	...	...	...	45.9	...	...	...	1	...	1	...	1	2	...	4	3	3	109.9	...	23.0	...	33.0	51.6	...	114.3	41.0	137.1
Birbhum ...	Suri	...	8	2	...	...	...	71.3	52.2	...	...	1	...	...	...	1	...	2	2	1	3	298.9	...	...	...	67.4	...	85.1	117.9	89.2	328.4
Midnapore ...	Midnapore ...	...	26	9	...	...	...	52.1	64.8	...	...	4	2	4	1	3	5	4	3	3	6	279.9	44.2	55.5	17.1	49.4	35.4	37.5	41.9	75.6	170.5
Hooghly, including Serampore.	Hooghly and Chinsura.	...	33	8	...	...	...	67.9	67.5	...	...	4	3	3	1	3	6	6	4	6	5	259.0	70.3	54.1	21.0	62.2	50.3	54.7	49.9	120.0	125.4
	Serampore	...	19	5	...	...	...	39.2	277.2	...	...	2	1	2	...	1	5	4	1	3	5	146.5	23.8	41.4	...	23.8	48.3	41.3	15.4	81.5	186.9
	Utterpara	...	5	...	...	...	...	49.8	...	...	...	...	...	1	1	1	...	...	2	...	...	...	...	111.6	106.6	118.2	...	...	143.4	...	...
Howrah ...	Howrah	2	50	14	...	...	54.9	38.2	35.5	...	...	9	4	...	2	3	14	10	6	11	7	226.9	37.5	...	15.8	21.3	38.1	27.0	26.5	104.2	97.8
	Bally	...	9	2	...	...	...	34.9	79.3	...	...	2	2	...	...	...	1	1	2	1	2	287.3	104.1	...	...	...	15.5	18.6	53.7	49.6	142.1
24-Parganas	Cossipore-Chitpur	...	4	...	...	...	...	11.4	...	...	...	2	...	...	...	...	...	...	...	1	1	217.6	...	...	...	...	...	...	...	53.4	111.1
	Manicktola ...	...	...	1	...	...	...	...	4.5	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	54.9
	Baranagore* ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South Suburban*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nadia ...	Krishnagar ...	...	11	7	...	...	...	30.7	44.0	...	...	2	2	2	1	2	2	...	4	3	...	209.7	42.2	30.3	18.5	50.6	21.6	...	65.8	74.0	...
	Ranaghat	...	11	...	...	...	...	78.2	...	...	...	2	2	...	...	1	1	2	1	1	1	502.4	130.8	...	...	83.5	34.5	83.4	51.3	71.2	91.4
	Santipur ...	...	15	2	...	...	...	5.7	11.6	...	...	3	2	2	...	3	...	...	2	2	3	184.6	35.9	27.5	...	70.1	...	...	20.6	45.2	79.4
Jessore ...	Jessore	...	3	6	...	...	...	34.6	81.6	...	...	...	...	...	2	1	4	1	...	...	1	...	...	...	156.4	71.0	103.3	34.0	...	...	113.5
Murshidabad.	Berhampore ...	1	11	6	...	...	221.3	31.5	60.1	...	...	5	3	1	1	...	2	...	2	4	...	689.7	97.9	24.6	27.3	...	23.3	...	30.2	110.7	...
	City Murshidabad	...	17	21	...	...	...	38.9	69.0	...	...	2	2	1	1	1	3	7	10	4	7	136.3	42.2	15.1	18.0	29.1	21.2	50.1	88.9	58.6	117.6
Khulna ...	Khulna	...	2	3	...	...	...	32.6	51.2	...	...	1	...	...	...	...	1	1	1	...	1	409.4	...	...	...	...	46.5	62.0	79.3	...	165.1
Dinajpur ...	Dinajpur	...	6	3	...	...	...	51.5	24.3	...	...	3	...	1	...	...	1	2	2	...	...	757.3	...	41.5	...	...	19.3	42.0	66.3	...	...
*Rajshahi ...	Rampur Boalia ...	...	7	15	...	...	...	36.7	79.5	...	...	1	2	2	1	1	3	2	4	...	6	128.1	73.3	50.2	28.9	31.2	37.5	28.9	84.3	...	284.0
Rangpur ...	Rangpur	...	6	7	...	...	...	40.1	54.8	...	...	2	2	...	...	...	5	1	2	1	1	446.4	116.2	...	...	...	49.3	18.9	65.9	70.7	181.0
Bogra ...	Bogra	...	3	3	...	...	...	56.3	45.9	...	...	...	1	...	...	...	...	3	1	...	1	...	101.2	...	...	...	...	143.2	76.6	...	165.6

Pabna ...	Pabna ...	...	3	3	...	...	...	21·9	13·8	...	...	1	...	...	...	...	1	1	...	1	1	131·0	...	...	...	...	17·9	20·8	...	51·4	52·3
	Sirajganj ...	...	8	2	...	...	...	48·5	8·5	...	...	2	...	...	...	...	1	3	2	...	2	192·9	...	...	...	...	14·7	49·3	46·5	...	89·3
Darjeeling ...	Darjeeling ...	1	2	1	2	...	325·0	22·6	85·0	63·0	...	2	1	1	...	1	...	...	...	1	...	859·5	80·9	88·9	...	61·3	...	...	...	213·1	...
Jalpaiguri ...	Jalpaiguri ...	...	9	2	...	...	...	110·2	28·5	...	...	...	1	...	...	2	3	1	...	2	1	...	70·6	...	72·0	164·0	86·0	34·5	...	251·8	165·1
Dacca ...	Dacca ...	...	28	48	...	...	...	36·1	63·5	...	...	22	10	9	2	4	6	7	3	2	11	602·7	70·5	47·2	13·1	28·5	20·4	31·2	18·6	23·2	102·6
	Narainganj ...	...	4	2	...	...	...	32·9	16·9	...	...	...	1	...	1	1	...	...	1	...	2	...	45·6	...	45·8	49·8	...	...	37·3	...	159·5
Faridpur ...	Faridpur ...	...	1	2	...	...	...	9·7	21·4	...	...	...	1	...	...	...	1	...	1	...	...	...	41·7	...	...	...	28·0	...	44·6	...	...
Backergunge...	Barisal ...	...	2	6	...	...	...	17·2	45·7	...	...	2	...	...	...	...	1	1	4	...	...	630·6	...	...	...	...	16·4	20·8	136·8	...	...
Mymensingh ...	Nasirabad ...	...	3	3	...	...	...	20·3	22·0	...	...	...	...	...	...	1	1	1	1	1	1	...	...	...	...	37·8	14·3	17·8	29·5	56·4	86·1
Chittagong ...	Chittagong ...	1	2	5	...	...	65·3	17·9	17·0	...	...	3	...	...	...	...	2	...	1	2	...	277·1	...	...	...	...	22·5	...	23·0	95·9	...
Noakhali ...	Sudharam ...	...	3	...	...	...	...	60·9	...	...	...	...	...	...	...	...	1	...	...	...	2	...	...	...	...	...	44·4	...	...	...	525·3
Tippera ...	Comilla ...	...	3	15	...	...	...	26·2	105·5	...	...	6	2	3	...	2	2	1	1	...	1	1,050·5	79·5	95·8	...	82·7	37·7	26·1	39·3	...	76·7
Patna ...	Patna City ...	1	62	11	...	...	146·5	27·1	14·0	...	...	19	6	3	2	2	3	10	7	8	14	229·2	21·4	9·3	7·2	9·3	5·4	22·4	19·3	29·4	52·7
	Bihár ...	...	15	9	...	...	...	23·2	30·5	...	...	5	7	1	...	...	1	1	...	2	7	175·1	62·9	8·6	...	...	6·1	7·4	...	28·7	101·2
	Dinapore ...	...	14	2	...	...	...	15·9	88·9	...	...	4	3	...	...	...	1	...	2	1	5	148·9	28·3	...	...	...	5·7	...	18·4	13·7	63·3
Gaya ...	Gaya ...	...	46	10	...	...	...	30·9	32·3	...	...	5	3	5	...	1	8	6	7	7	14	145·3	21·6	37·2	...	9·9	28·3	24·5	37·2	55·4	141·4
Shahabad ...	Arrah ...	...	17	7	...	...	...	28·5	29·3	...	...	5	4	3	1	1	3	1	2	2	2	201·9	46·9	30·4	11·8	16·5	19·9	8·1	22·2	33·6	38·1
	Buxar ...	...	5	2	...	...	...	15·7	28·9	...	...	...	...	...	1	1	...	...	1	...	4	...	...	...	28·3	47·5	...	...	24·5	...	192·2
Muzaffarpur ...	Muzaffarpur ...	...	20	13	...	...	...	34·6	54·2	...	...	5	2	1	1	3	4	2	5	4	6	272·3	25·7	11·6	13·1	51·5	24·2	14·9	51·9	64·1	128·2
Darbhanga ...	Darbhanga ...	...	22	9	...	...	...	23·6	26·6	...	...	10	4	4	1	2	1	2	...	...	7	331·0	27·3	26·6	9·4	25·9	3·9	9·3	...	...	114·0
Saran ...	Chapra ...	...	24	6	...	...	...	31·5	26·2	...	...	6	1	...	1	1	2	6	1	4	8	221·1	10·1	...	10·4	15·0	11·3	40·1	8·6	50·3	116·0
Champaran ...	Motihari ...	...	10	4	...	...	...	69·1	75·1	...	...	1	3	2	...	4	1	...	2	1	...	379·6	158·9	94·1	...	31·2	25·8	...	96·9	85·7	...
Monghyr ...	Monghyr ...	...	32	4	...	...	...	37·2	16·5	...	...	8	7	2	...	1	2	1	4	3	8	280·1	53·5	14·7	...	13·8	10·1	5·8	32·6	39·2	116·0
	Jamálpur ...	...	4	1	...	...	...	21·2	16·8	...	...	1	...	...	...	...	2	...	...	...	2	146·5	...	...	...	...	43·1	...	...	...	155·9
Bhágalpur ...	Bhágalpur ...	...	32	5	...	...	...	24·0	13·8	...	...	7	6	4	3	1	2	1	6	...	7	253·7	48·1	29·4	21·5	10·5	8·0	4·7	40·8	...	84·6
Purnea ...	Purnea ...	1	8	4	...	...	311·4	45·3	36·7	...	...	1	...	...	...	1	3	1	1	1	5	183·7	...	...	...	52·3	47·5	18·2	26·0	55·5	322·2
Malda ...	English Bazar ...	...	8	3	...	...	...	57·2	30·3	...	...	1	1	1	1	...	1	1	2	1	2	176·3	54·6	34·6	42·1	...	22·6	24·2	70·7	69·5	147·9
Sonthal Parganas.	Deoghur ...	...	10	1	...	...	...	67·5	175·1	...	...	...	...	1	...	2	1	4	2	...	1	...	...	73·7	...	160·5	27·6	129·6	111·0	...	136·1
Cuttack ...	Cuttack ...	3	38	10	...	...	84·3	58·7	67·5	...	...	12	5	1	2	1	8	3	3	2	14	605·2	69·6	10·5	23·6	12·9	47·8	25·5	34·4	33·7	246·9
Puri ...	Puri ...	...	27	...	...	...	...	57·2	...	...	...	4	2	...	...	2	3	2	5	1	8	686·5	57·9	...	...	55·9	29·5	25·7	78·2	23·3	250·3
Balasore ...	Balasore ...	...	6	2	...	...	...	18·5	33·9	...	...	3	1	...	...	...	2	1	1	...	..	294·9	27·9	..	...	...	25·5	17·8	23·4	...	...
Hazáribágh ...	Hazáribágh ...	...	7	2	...	..	...	53·1	25·2	...	...	3	2	2	...	...	...	...	1	...	1	320·3	57·1	51·8	...	...	...	...	31·9	...	62·1
Lohardaga ...	Ranchi ...	...	3	4	...	5	...	16·9	38·6	...	110·2	3	3	...	...	...	2	3	1	...	...	331·9	84·7	...	...	...	27·3	50·8	28·6	...	...
Singhbhum ...	Chaibassa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Manbhum ...	Purulia ...	...	8	...	...	...	...	53·4	...	...	...	2	...	...	1	2	...	...	...	2	1	587·6	...	...	58·0	125·3	...	...	...	222·2	151·6
	TOTAL ...	10	777	333	2	5	33·8	35·6	36·4	50·6	56·1	197	110	64	29	59	133	120	126	95	191	271·2	40·4	19·7	10·2	25·0	21·0	23·8	34·4	42·9	102·7

* Return not received up to date.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 7th March 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.*,

Sanitary Commissioner for Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 5th March 1892, *as compared with the corresponding week of the previous year.*

Nature of Cargo.	Week ending Saturday, the 5th March 1892.			Week ending Saturday, the 7th March 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	779	2,34,780	4,197	1,286	2,94,525	5,132
Jute	4	1,050	9	121	70,500	1,260
Firewood	87	62,775	910	120	93,250	1,368
Other articles	997	2,68,725	4,050	833	2,17,565	3,405
Total ...	1,867	5,67,330	9,196	2,360	6,75,840	11,165

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 27th February 1892, *on* 1,525½ *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*311,728	*3,48,742 2 0	29,92,262 20	6,90,291 14 6	17,966 6 0	10,57,000 6 6	75,384½	109,223½	184,608
Or per mile of railway	......	228 9 9	.....	452 8 0	11 12 5	692 14 2	......	......	......
For previous 7 weeks of half-year	2,015,306	23,26,135 10 0	1,98,40,968 10	45,07,103 4 0	1,40,963 3 0	69,74,202 1 0	538,626	718,701½	1,257,327½
Total for 8 weeks ...	2,327,034	26,74,877 12 0	2,28,33,230 30	51,97,395 2 6	1,58,929 9 0	80,31,202 7 6	614,010½	827,925	1,441,935½
Comparison									
Total for corresponding week of previous year	245,522	2,95,402 1 1	32,01,444 0	6,58,293 10 0	27,071 15 11	9,80,827 11 6	72,319	99,214	171,533
Per mile of railway corresponding week of previous year ...	......	193 10 11	......	431 8 5	17 11 11	642 15 3	......	......	......
Total to corresponding date of previous year	2,470,595½	30,09,031 11 7	2,22,73,948 10	52,23,842 5 10	1,74,219 15 6	84,07,094 0 11	645,989	803,123	1,449,112

* The increase in coaching traffic is partly due to journeys undertaken by marriage parties and partly by pilgrims on account of "Shevarattri."

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 27th February 1892, *on* 57⅕ *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	14,272	7,679 1 0	59,634 0	3,865 1 0	49 0 0	11,593 2 0	1,743	847	2,590
Or per mile of railway	250	134 4 0	1,042 30	67 9 2	0 13 8	202 10 10	......	......	......
For previous 7 weeks of half-year	107,456	59,270 9 0	3,29,915 30	22,345 6 0	381 0 0	81,996 15 0	13,182	5,781	18,963
Total for 8 weeks ..	121,728	66,949 10 0	3,89,549 30	26,210 7 0	430 0 0	93,590 1 0	14,925	6,628	21,553
Comparison.									
Total for corresponding week of previous year	16,006	9,433 0 4	43,298 0	3,284 6 0	64 3 0	12,781 9 4	1,702	632	2,334
Per mile of railway corresponding week of previous year ..	280	164 14 7	757 0	57 6 8	1 2 0	223 7 3	......	......	......
Total to corresponding date of previous year	169,766	103,585 15 8	3,38,278 10	23,448 13 0	507 3 6	1,27,542 0 2	13,630	6,908	20,538

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 27th February 1892, on 22¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*27,476	*7,464 14 0	18,776,10	725 15 0	8 0 0	8,198 13 0	1,061	105	1,166
Or per mile of railway	......	3.5 8 0	......	32 10 0	0 5 9	368 7 9	......	......	......
For previous 7 weeks of half-year	142,363	36,334 8 0	1,18,650 20	4,323 12 9	87 0 0	40,745 4 9	6,449	613	7,062
Total for 8 weeks ...	169,839	43,799 6 0	1,37,426 30	5,049 11 9	95 0 0	48,944 1 9	7,510	718	8,228
Comparison.									
Total for corresponding week of previous year	21,423	5,547 1 6	15,517 0	514 5 0	9 7 3	6,070 13 9	865	103	968
Per mile of railway corresponding week of previous year ...	......	249 4 11	......	23 1 10	0 6 10	272 13 7	......	......	......
Total to corresponding date of previous year	222,359	60,004 14 2	1,15,042 0	3,939 13 0	73 2 0	64,107 13 2	8,054	856	8,910

* The increase in coaching traffic is due to "Shevarattri."

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 27th February 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	14,730	8,943 10 0	41,607 20	7,709 12 0	50 0 0	16,703 6 0	5,576½	1,941½	7,518
Or per mile of railway	......	55 3 4	......	47 9 5	0 4 11	103 1 8	......	......	......
For previous 7 weeks of half-year	98,857	69,720 7 0	3,15,474 10	54,898 5 0	464 0 0	1,25,082 12 0	42,790¾	14,718	57,508¾
Total for 8 weeks ...	113,587	78,664 1 0	3,57,081 30	62,608 1 0	514 0 0	1,41,786 2 0	48,367	16,659¼	65,026¼
Comparison.									
Total for corresponding week of previous year	......	......	......	......	......	......	......	......	......
Per mile of railway corresponding week of previous year ...	......	......	......	......	......	......	......	......	......
Total to corresponding date of previous year	......	......	......	......	......	......	......	......	......

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Behar Sections.)

Approximate Return of Traffic for week ended 20th February 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	172 365	88,550 0 0	5,92,116 0	78,080 0 0	9,280 0 0	1,76,810 0 0	29,020	27,361	56,381
Or per mile of railway	222	114 0 0	762 0	102 0 0	†1 0 0	217 0 0	......	......	......
For previous 6 weeks of half-year	1,034,055	5,33,550 0 0	33,44,584 0	5,50,790 0 0	71,210 0 0	11,58,550 0 0	183,516	167,463	350,979
Total for 7 weeks ...	1,206,420	6,25,100 0 0	39,36,700 0	6,29,770 0 0	80,490 0 0	13,35,360 0 0	212,536	194,824	407,360
Comparison.									
Total for corresponding week of previous year	181,833	*1,21,049 0 0	7,41,448 0	1,49,823 0 0	30,475 0 0	3,01,347 0 0	29,524	39,312	68,836
Per mile of railway corresponding period of previous year ...	234	156 0 0	954 0	193 0 0	†2 0 0	351 0 0	......	......	......
Total to corresponding date of previous year	1,633,982	10,64,193 0 0	48,39,643 0	9,44,858 0 0	2,18,046 0 0	23,57,097 0 0	234,483	260,138	494,621

* Due to Aurdhodoya bathing festival.
† Excluding steamer earnings.

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Behar Sections.)

Approximate Return of Traffic for week ended 27th February 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	158,127	81,290 0 0	6,22,170 0	85,740 0 0	20,720 0 0	1,87,750 0 0	30,036	25,822	55,858
Or per mile of railway	204	105 0 0	801 0	110 0 0	†13 0 0	228 0 0	......	......	......
For previous 7 weeks of half-year	1,266,420	6,16,704 0 0	39,36,700 0	6,20,836 0 0	84,530 0 0	*13,22,070 0 0	212,536	194,824	407,360
Total for 8 weeks ...	1,424,547	6,97,994 0 0	45,58,870 0	7,06,576 0 0	1,05,250 0 0	15,09,820 0 0	242,572	220,646	463,218
Comparison.									
Total for corresponding week of previous year	148,324	86,550 0 0	7,63,151 0	1,58,756 0 0	35,259 0 0	2,80,565 0 0	30,070	35,632	65,702
Per mile of railway corresponding period of previous year ..	191	112 0 0	1,111 10	204 0 0	†13 0 0	320 0 0	......	......	......
Total to corresponding date of previous year	1,782,306	11,50,743 0 0	57,02,794 0	11,03,614 0 0	2,83,305 0 0	25,37,062 0 0	264,553	295,770	560,323

* Audited up to week ending 16th January 1892.
† Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 20th February 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	28,005	10,610* 0 0	50,502 0	3,710 0 0	170 0 0	14,490 0 0	3,414	2,258	5,672
Or per mile of railway	224	85 0 0	404 0	30 0 0	1 0 0	116 0 0	......	......	......
For previous 6 weeks of half-year	169,010	62,170 0 0	3,78,451 0	23,810 0 0	570 0 0	86,550 0 0	20,716	14,919	35,635
Total for 7 weeks ...	197,015	72,780 0 0	4,28,953 0	27,520 0 0	740 0 0	1,01,040 0 0	24,130	17,177	41,307
Comparison.									
Total for corresponding week of previous year	31,124	*15,555 0 0	62,760 0	5,033 0 0	77 0 0	20,665 0 0	3.414	2,258	5,672
Per mile of railway corresponding week of previous year ...	249	124 0 0	502 0	40 0 0	1 0 0	165 0 0	....	......	......
Total to corresponding date of previous year	256,461	1,40,959 0 0	4,45,519 0	24,334 0 0	675 0 0	1,65,968 0 0	26,596	17,352	43,948

* Due to Aurdhodoya bathing festival.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 27th February 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	27,747	10,510 0 0	65,332 0	4,110 0 0	60 0 0	14,680 0 0	3,472	2,200	5,672
Or per mile of railway ...	223	84 0 0	523 0	33 0 0	......	117 0 0	......	......	......
For previous 7 weeks of half-year*	204,001	73,918 0 0	4,43,296 0	27,648 0 0	752 0 0	1,02,318 0 0	24,614	16,745	41,359
Total for 8 weeks ...	231,748	84,428 0 0	5,08,628 0	31,758 0 0	812 0 0	1,16,998 0 0	28,086	18,945	47,031
Comparison.									
Total for corresponding week of previous year .. .	25,124	10,266 0 0	64,468 0	3,963 0 0	60 0 0	14,288 0 0	3,472	2,200	5,672
Per mile of railway corresponding week of previous year ..	201	82 0 0	516 0	32 0 0	......	114 0 0	......	......	......
Total to corresponding date of previous year	231,585	1,51,225 0 0	5,09,987 0	28,296 0 0	735 0 0	1,60,256 0 0	30,068	19,552	49,620

* Audited up to week ending 16th January 1892.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 20th February 1892, on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	17,665	6,020 0 0	15,066 0	1,570 0 0	70 0 0	7,660 0 0	2,304	920	3,224
Or per mile of railway	205	70 0 0	175 0	18 0 0	1 0 0	89 0 0	.....	.....	.....
For previous 6 weeks of half-year	109,986	35,430 0 0	63,068 0	6,860 0 0	1,040 0 0	43,330 0 0	14,932	5,238	20,170
Total for 7 weeks ...	127,651	41,450 0 0	78,734 0	8,430 0 0	1,110 0 0	50,990 0 0	17,236	6,158	23,394
COMPARISON.									
Total for corresponding week of previous year	21,716	8,869 0 0	42,126 0	3,893 0 0	105 0 0	12,867 0 0	2,409	2,214	4,623
Per mile of railway corresponding period of previous year	253	103 0 0	490 0	46 0 0	1 0 0	150 0 0	......	.....	......
Total to corresponding date of previous year	151,605	58,956 0 0	2,89,559 0	27,281 0 0	1,349 0 0	87,586 0 0	19,240	11,337	30 577

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 27th February 1892, on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	16,114	5,300 0 0	14,681 0	1,630 0 0	70 0 0	7,000 0 0	2,504	720	3,224
Or per mile of railway	187	61 0 0	171 0	19 0 0	1 0 0	81 0 0	......	......	.....
For previous 7 weeks of half-year	127,651	40,640 0 0	78,734 0	8,477 0 0	1,053 0 0	*50,170 0 0	17,236	6,158	23,394
Total for 8 weeks ...	143,765	45,940 0 0	93,415 0	10,107 0 0	1,123 0 0	57,170 0 0	19,740	6,878	26,618
COMPARISON.									
Total for corresponding week of previous year	15,193	5,462 0 0	52,338 0	4,480 0 0	290 0 0	10,232 0 0	2,412	1,724	4,136
Per mile of railway corresponding week of previous year ...	177	64 0 0	609 0	52 0 0	3 0 0	119 0 0	......	.....	.....
Total to corresponding date of previous year	166,798	64,418 0 0	3,41,897 0	31,761 0 0	1,639 0 0	97,818 0 0	21,052	13,061	34,7.3

* Audited up to week ending 16th January 1892.

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 20th February 1892, on 27½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,404	1,220 0 0	6,678 0	390 0 0	90 0 0	1,700 0 0	507	500	1,007
Or per mile of railway	125	45 0 0	245 0	14 0 0	3 0 0	62 0 0	......	......	.....
For previous 6 weeks of half-year	19,891	6,760 0 0	85,795 0	4,490 0 0	220 0 0	11,470 0 0	2,899	3,184	6,083
Total for 7 weeks	23,295	7,980 0 0	92,473 0	4,880 0 0	310 0 0	13,170 0 0	3,406	3,684	7,090
COMPARISON.									
Total for corresponding week of previous year ...	3,447	1,209 0 0	10,707 0	505 0 0	22 0 0	1,916 0 0	507	633	1,140
Per mile of railway corresponding week of previous year ...	126	47 0 0	393 0	22 0 0	1 0 0	70 0 0	......	......	.....
Total to corresponding date of previous year	33,169	12,774 0 0	97,900 0	4,566 0 0	101 0 0	17,441 0 0	4,529	4,155	8,684

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 27th February 1892, on 27½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,843	1,330 0 0	13,686 0	530 0 0	10 0 0	1,870 0 0	536	604	1,140
Or per mile of railway	141	49 0 0	503 0	20 0 0	......	69 0 0	......	......	......
For previous 7 weeks of half-year*	23,217	8,047 0 0	92,493 0	5,113 0 0	194 0 0	13,354 0 0	3,241	3,628	6,869
Total for 8 weeks ...	27,090	9,377 0 0	1,06,178 0	5,643 0 0	204 0 0	15,224 0 0	3,777	4,232	8,009
Comparison.									
Total for corresponding week of previous year	3,164	1,161 0 0	10,114 0	607 0 0	22 0 0	1,790 0 0	509	631	1,140
Per mile of railway corresponding week of previous year ...	116	43 0 0	371 0	22 0 0	1 0 0	66 0 0	......	......	......
Total to corresponding date of previous year	36,333	13,935 0 0	1,08,014 0	5,173 0 0	123 0 0	19,231 0 0	5,038	4,786	9,824

* Audited up to week ending 16th January 1892.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhoot State Railway.)

Approximate Return of Traffic for the week ending 20th February 1892, on 753 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 753 miles open	85,810	37,920	3,47,640	46,460	8,990	93,370	11,198	16,746	27,944
Or per mile of railway	113·96	50·36	461·67	61·70	11·94	124·00	......	......	......
For previous 6 2/7 weeks of half-year	503,000	2,17,660	19,95,840	2,61,260	53,350	5,32,270	71,880	102,009	1,73,889
Total for 7 2/7 weeks ..	588,810	2,55,580	23,43,480	3,07,720	62,340	6,25,640	83,078	118,755	2,01,833
Comparison.									
Total for corresponding week of previous year on 705 miles open	89,357	41,948	4,72,800	77,174	10,601	1,29,723	12,178	22,048	34,226
Per mile of corresponding week of previous year	126·75	59·50	670·64	109·46	15·04	184·00	......	......	......
Total to corresponding date of previous year	765,297	3,38,121	28,34,533	4,06,462	62,560	8,07,143	78,670	145,574	2,24,244

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs. A. P.
Approximate earnings for week ending 6th February 1892	8,913 0 0
Corresponding period of 1891	8,123 0 0
Increase	790 0 0
	Rs. A. P.
Receipts per mile for week ending 6th February 1892	174 12 3
Corresponding period of 1891	159 4 7
Increase	15 7 8
Receipts from 1st January to 6th February 1892	39,775 0 0
Corresponding period of 1891	41,198 0 0
Decrease	1,423 0 0

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 13th February 1892	8,442	0	0
Corresponding period of 1891	6,654	0	0
Increase	1,788	0	0
Receipts per mile for week ending 13th February 1892	165	8	6
Corresponding period of 1891	130	7	6
Increase	35	1	0
Receipts from 1st January to 13th February 1892	48,217	0	0
Corresponding period of 1891	47,852	0	0
Increase	365	0	0

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 20th February 1892	8,889	0	0
Corresponding period of 1891	8,489	0	0
Increase	400	0	0
Receipts per mile for week ending 20th February 1892	174	4	8
Corresponding period of 1891	166	7	3
Increase	7	13	5
Receipts from 1st January to 20th February 1892	57,106	0	0
Corresponding period of 1891	56,341	0	0
Increase	765	0	0

Printed and published by Edwin Morris Lewis at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 9th March 1892.

APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, MARCH 9, 1892.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS No. 46.

[First Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Depths of water in river channels.

THE Port Officer, Chittagong, has given notice, that the depths of water noted below were found in the river channels by soundings taken on the 10th February 1892 and reduced to zero :—

Track No. 1	...	...	...	12 feet.
Do. „ 2	...	...	...	12 „
Do. „ 3	...	...	...	25 „

EATON W. PETLEY,
Port Officer of Calcutta

Published for general information.

W. B. BESTIC,
Under-Secretary, Marine Department.

CALCUTTA, *the 2nd March* 1892.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 39.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Exact position of Oyster island light.

WITH reference to Notice to Mariners, No. 18, dated 25th January last, issued by this Office, the Port Officer, Rangoon, has given notice that the position of Oyster island light-house has been ascertained by G. T. Survey determination to be in latitude 20° 11′ 49″·77 N., longitude 92° 34′ 53″·36 E.

EATON W. PETLEY,
Port Officer of Calcutta.

Published for general information.

W. B. BESTIC,
Under-Secretary, Marine Department.

CALCUTTA, *the 22nd February* 1892.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 40.

[Second Publication.]

CHINA SEA—SINGAPORE APPROACH.

Temporary mine field south-west of Blakang Mati island.

THE British Admiralty has given notice (No. 21 of 1892) that from 1st December 1891 to 1st March 1892, an area lying south-west of Blakang Mati island would be appropriated for practice with submarine mines. The limits of this mine field are defined as follows :— On the north-west by an imaginary line joining Rimau point and *spherical* red buoy moored with that point bearing N.-E. distant 5 cables; on the south-west by a line joining this

buoy and another *spherical* red buoy moored with Rimau point bearing north, distant one mile; on the south-east by a line drawn from the last mentioned buoy in a N.E. direction to Blakang Mati island; and on the north-east by the coast of that island.

Mariners are cautioned not to anchor or pass within the above mentioned limits.

(*Variation 3° Easterly in* 1892.)

EATON W. PETLEY,
Port Officer of Calcutta.

Published for general information.

W. B. BESTIC,
Under-Secretary, Marine Department.

CALCUTTA, *the 29th February* 1892.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 41.

[Second Publication.]

AUSTRALIA—NORTH-WEST COAST.

PORT DARWIN.

Shoals lying in the approach to this port from the westward.

THE British Admiralty has given notice (No 22 of 1892) of the existence of two shoals (*Lorna shoals*) lying in the approach to port Darwin from the westward :—

Lorna shoals consist of two small patches, 9 cables apart, in a north-east and south-west direction, with 24 feet water on each over sand and shells. There are depths of 6 to 9 fathoms between the patches, and 11 to 12 fathoms around. The sea does not break on the shoals except during strong winds.

The north-east shoal is situated in lat. 12° 20′ 55″ S., long. 130° 19′ 20″ E.

The depths given are at low water spring tides.

EATON W. PETLEY,
Port Officer of Calcutta.

Published for general information.

W. B. BESTIC,
Under-Secretary, Marine Department.

CALCUTTA, *the 29th February* 1892.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 42.

[Second Publication.]

MOLUCCA PASSAGE.

Non-existence of Bahia reef.

THE British Admiralty has given notice (No. 23 of 1892) of an unsuccessful search having been made in that vessel for Bahia reef, reported as lying in about lat. 1° 10′ S., long. 126° 50′ E. A sounding of 2,530 fathoms over dark green mud was obtained precisely in the above mentioned position, and similar depths were found in the vicinity.

This, in conjunction with the unsuccessful search for the danger made by H. M. Surveying vessel *Flying Fish* in 1885, and the very doubtful origin of the report, may be taken as disproving its existence. Bahia reef has therefore been expunged from the Admiralty Charts.

EATON W. PETLEY,
Port Officer of Calcutta.

Published for general information.

W. B. BESTIC,
Under-Secretary, Marine Department.

CALCUTTA *the 29th February* 1892.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 43.

[Second Publication.]

YELLOW SEA—KOREA—WEST COAST.

Sunken rocks in the approach to Chemulpho anchorage.

THE British Admiralty has given notice (No. 27 of 1892) of the existence of the two undermentioned sunken rocks lying in the approach to Chemulpho anchorage from the southward :—

1. A rock, with 7 feet on it at low water, lies on the east side of Flyng Fish channel, with the east extreme of Pirie island bearing about N. ¾ E., and Simpson island summit (524 feet) about E. by N., distant $1\frac{8}{10}$ miles.

Approximate position : lat. 37° 10½′ N., long. 126° 11¼′ E.

2. A rock, with 12 feet on it at low water, lies north-west of Pender rock, with North Watcher bearing about N.E. ¼ N., distant 1 1/10 miles, and Yung Hung Do summit about S. ⅜ E.

Approximate position: lat. 37° 18¼′ N., long. 126° 27′ E.

(*Variation* 5° *Westerly in* 1892.)

EATON W. PETLEY,
Port Officer of Calcutta.

Published for general information.

W. B. BESTIC,
Under-Secretary, Marine Department.

CALCUTTA, *the* 29*th February* 1892.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 44.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Decreased depths reported within a certain area—Gulf of Martaban.

THE following Notice to Mariners (No. 31 of 1892), issued by the British Admiralty, is republished :—

Information has been received through Commander R. F. Hoskyn, R.N., in charge of India Marine Survey, that within the area comprised (approximately) between lat. 15° and 15° 30′ N., long 96° and 97° E., the soundings are reported to be considerably less than heretofore shown on the Admiralty charts. Depths therefore cannot be taken as a guide for position.

EATON W. PETLEY,
Port Officer of Calcutta.

Published for general information.

W. B. BESTIC,
Under-Secretary, Marine Department.

CALCUTTA, *the* 29*th February* 1892.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 45.

[Second Publication.]

GULF OF ADEN—GULF OF TAJURA, SOUTH SHORE.

Shoals in Lawada approach.

THE British Admiralty has given notice (No. 32 of 1892) of the existence of two shoals lying in the approach to Lawada (Lehadu) from the north-eastward. These shoals, apparently composed of sand and coral, circular in shape and about 5 cables in diameter, with 2 fathoms the least water found on them, and 11 fathoms between them, lie about 5 cables apart in a north-west and south-east direction.

The north-west shoal lies with Conical hill bearing approximately S. 9° W., and Coast hill S 50° W., distant 10½ miles, or in about lat. 11° 32¼′ N., long. 43° 19¾′ E.

NOTE.—It is stated that the soundings in the vicinity of the above-mentioned shoals are incorrect, there being in many places 8 fathoms less water than shown on the Admiralty charts.

(*Variation* 4° *Westerly in* 1892.)

EATON W. PETLEY,
Port Officer of Calcutta.

Published for general information.

W. B. BESTIC,
Under-Secretary, Marine Department.

CALCUTTA, *the* 29*th February* 1892.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 37.

[Third Publication.]

AUSTRALIA, NORTH-WEST COAST—EASTERN ARCHIPELAGO.

NOTICE to Mariners No. 18 of 1892, issued by the British Admiralty, is republished below.

The following information has been received from Commander W. U. Moore, H.M. Surveying Vessel *Penguin*, dated November 1891,—the result of recent examination of the several localities off the north-west coast of Australia:—

1. *Parry shoal*, composed of coral, extends within the 10 fathoms line 4 miles in an E. by N. and W. by S. direction, with a breadth of half a mile. The shoalest spot, with 5 fathoms water over it, lies one mile from its western end, in lat. 11° 9¼′ S., long. 129° 39½′ E.
2. *Flinders shoal* is circular in shape, and 1½ miles in diameter, with a general depth of 6 to 8 fathoms over coral. The shoalest spot, with 5 fathoms water on it, is situated in lat. 9° 52¼′ S., long. 129° 17′ E.

3. *Franklin shoal* is circular in shape, and one mile in diameter, with a general depth of 6 to 8 fathoms over coral. The shoalest spot, with 5 fathoms water on it, is situated in lat. 9° 52½′ S., long. 129° 19′ E.
4. *Blackwood shoal* is about 6 cables in diameter, with a general depth of 8 to 14 fathoms, coral bottom. The shoalest spot, with 7 fathoms water over it, lies in lat. 9° 53′ S., long. 129° 25′ E.
5. *Evans shoal* extends 4¾ miles in a N.N.W. and S.S.E. direction, with a breadth of 3 miles, and has a general depth of 8 to 16 fathoms. The shoalest spot, with 5 fathoms water on it over coral, lies 4 cables from the north extreme, in lat. 9° 53 S., long. 129° 32¾′ E.

There are quantities of snakes and sea perch on these banks.

CAUTION.—It is probable that many other shoals exist on or near the same parallel of latitude, both eastward of Evans' shoal and westward of Flinders shoal. The four shoals above mentioned are probably part of a submerged barrier, lying along the edge of the bank. Northward of them the character of the bottom changes to globigerina ooze.

NOTE.—The hill on the south coast of Bathurst island, eastward of cape Fourcroy, situated in lat. 11° 47′ 50″ S., long. 130° 8′ E., is conical and conspicuous, 420 feet in height, and forms a good landmark in approaching the coast.

EASTERN ARCHIPELAGO.

NOTE.—The existing plan of Kulewatte harbour, Damma island, on sheet of harbours and anchorages between Bali and Timor, No. 935, is misleading, the anchorage being much smaller than represented. The anchorage is in 20 fathoms water, fine black sand and coral, with the large hut on the point, close to the ruin of Watch house (now scarcely visible) bearing N.E. by N., distant 1½ cables. The space admits of one vessel (about 1,000 tons burden) lying at single anchor, or two of that size moored.

Variation 3° Easterly in 1892.

EATON W. PETLEY,
Port Officer of Calcutta.

Published for general information.

W. B. BESTIC,
Under-Secretary, Marine Department.

CALCUTTA, *the* 15*th February* 1892.

GOVERNMENT OF BENGAL,—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 38.

[Third Publication.]

ARABIAN SEA—SIND COAST.

Revised Directions for the guidance of vessels—Karachi harbour.

NOTICE to Mariners No. 53, dated 12th January 1892, issued by the Port Officer, Karachi, is republished :—

In supersession of former Directions for Karachi harbour, dated 1st October 1886, the following with reference to draught of vessels is notified for general information :—

Tides.

	H. M.
High-water full and change	10 30
	Ft. In.
Average rise and fall *Spring-Tides*	9 6
Do. do. *Neap-Tides*	5 to 6 feet.

Depth of water in Entrance Channel.

Spring-Tides	31 feet.
Neap-Tides	26 to 27 feet.

Draught of Vessels entering or leaving the Port, Spring-Tides.

South-west monsoon.

The maximum draught allowed ... ... 25 feet.

Fair season.

The maximum draught allowed ... ... 27 feet.

Neap-Tides.

South-west monsoon.

Must be regulated by the state of the weather.

Fair season.

There should be at least two feet of water under the ship to insure her steering.

State of tide for entering port.

Sailing vessels should enter port on the ebb-tide. Steamers can enter either on the flood or ebb at the Pilot's discretion.

Masters of vessels should not on any account attempt to enter the harbour without a Pilot.

Time-Ball, "Merewether" Pier.

The Time-Ball is dropped daily (Sundays excepted) at one o'clock, Karachi mean time. Position of Ball Tower, Latitude 24° 49′ 11″ N., Longitude 66° 58′ 00″ E.

	H. M. S.	
Ball is hoisted close up at	0 55 00	P.M.
And dropped at Karachi mean time	1 00 00	"
Longitude (66° 58′ 00″ E) in time	4 27 52	"
Equivalent to Greenwich mean time	20 32 8	

Should the ball fail at 1-0-0 P.M. it is again dropped at 2-0-0 P.M. Karachi mean time, equivalent to 21H. 32M. 8S. Greenwich mean time.

Harbour improvements.

Among the extensive works executed, a *Breakwater* has been built, running out from Manora point in a S. by E. direction to a distance of 1,500 feet into 5 fathoms of water. This affords complete shelter to the *Entrance Channel* during the south-west monsoon; also a channel has been opened through the entrance with a depth of 21½ feet at low water spring-tides, 500 feet in breadth. The channel is marked by buoys, black on starboard hand, red on port.

The *Merewether pier*, 312 feet in length, has 26 feet at low water alongside.

The *Erskine wharf*, 2,008 feet in length, has accommodation for 5 vessels of the largest class.

An improved *Red Light* of the all-round-anchor pattern of ship's light is exhibited at the extreme end of the Breakwater, brightly visible in clear weather 5 nautical miles, and at least half that distance during the south-west monsoon.

The height of this light is 54½ feet above mean sea-level, and it is maintained throughout the year.

Caution.—An *Electric Light* is used for working steamers alongside the "Merewether" pier and "Erskine" wharf. The height above mean sea-level is 67½ feet, and would be visible from the westward about 15 miles. The position of this light being north 1¼ miles from the lighthouse on Manora, Commanders of vessels are warned not to mistake it for the Fixed light.

Note.—Mail Steamers arriving off the Port at night should burn two blue lights in quick succession; other vessels one, or two at intervals of two minutes. During the fair season, Pilots will board, but during the monsoon they must keep off the Port until daylight.

EATON W. PETLEY,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, *the* 15*th February* 1892.

W. B. BESTIC,
Under-Secretary, Marine Department.

[REGISTERED No. 29.]

No. 11 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, MARCH 16, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

GOVERNMENT OF BENGAL, MARINE DEPARTMENT.

No. 23Mne., dated Calcutta, the 15th March 1892.

THE following report of the 18th quarterly inspection of the Dock Works at Kidderpore which are being carried out by the Commissioners of the Port of Calcutta, is published for general information.

By order of the Lieutenant-Governor of Bengal,

C. W. ODLING,

Joint-Secretary.

QUARTERLY INSPECTION OF KIDDERPORE DOCK WORKS.

Dated Calcutta, the 8th March 1892.

From—LIEUT.-COL. A. D. MCARTHUR, R.E., and J. D. DAVIS, ESQ.,

To—The Secretary to the Government of Bengal, Public Works Department.

AGREEABLY to the orders of the Government of Bengal received with the Under-Secretary's letter No. 495M. of the 24th February 1892, we have the honour to report that the inspection of the Kidderpore Dock Works for the quarter ending 31st December 1891 was made by us on the 3rd instant.

Sixty-feet Lock.—The small quantity of work on the jetties at the head of the lock which remained to be done last quarter is practically completed.

Eighty-feet Entrance.—The jetty heads of this work, of which mention was made in the last report, have been finished.

Double Entrance to Dock No. 1.—Complete, as previously reported.

Tidal Basin.—Dredging to full depth between entrances and dock is now complete.

Dock No. 1.—The additional works rendered necessary by the displacement of the walls reported during the quarter ending 30th September 1890, have been completed, and nothing now remains to be carried out except the dredging of the earth berms left at the foot of the walls.

Graving Dock.—The finishing work in connection with the engine-house for this dock has been completed, and the work is now finished in every respect.

Addition to the Hydraulic Engine-house for Electric light Engines.—Buildings finished and erection of electric plant completed and tested with satisfactory results.

Dock Sheds.—The four sheds to the west side which were erected during last quarter have been roofed in, and satisfactory progress made with the two to the east side. It is expected that these will be completed shortly.

Works generally.—Nothing remained to prevent the dock being used except to dredge the base of the dams outside the Chetla lock and sluice and the dredging of the berms against the walls of the dock.

Expenditure.—The total expenditure up to the end of the quarter under review is reported to be Rs. 2,50,57,552-4-5, of which Rs. 2,24,77,092-10-9 represent outlay on works and Rs. 25,80,459-9-8 on account of land.

During the quarter under review the health of the workpeople was fair. The daily average number of workmen employed was 3,914, among whom there were 5·6 per cent. deaths, thus showing a death-rate of 17·93 per mille per annum.

Remarks.—We consider that the progress on the works in hand during the last quarter was satisfactory, and that, so far as we could judge, the quality of the work done was all that could be desired, promising completion at a very early date.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 12th March 1892.

	No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.				
Burdwan Divn.	1	Burdwan Mar. 12, '92 Kalna ... Katwa ... Raniganj ...	Nil Nil Nil Nil	Weather—fair and warm. *Rabi* crops being harvested. Prices showing an upward tendency. Common rice— Srs. Sadar ... ... 13 Kalna ... ... 12¼ Katwa ... ... 13¼ Raniganj ... ... 13½ } per rupee.
	2	Bankura „ 12, '92	Nil	Weather—seasonable. Harvesting of *rabi* and pressing of sugarcane continue. Condition of cattle fair. Fodder and water hardly sufficient. Common rice selling at 15 seers 10 chitaks per rupee at Bankura and 16 seers 12 chitaks at Vishnupur.
	3	Birbhum „ 12, '92 Rampur Hât ...	Nil Nil	Weather—warm. Nothing to report about the crops. Fodder and water sufficient. State of cattle normal. Price of common rice 14 to 17 seers per rupee.
	4	Midnapur „ 12, '92	Nil	Weather—fair; becoming much hotter. Indigo doing well. *Rabi* crops are being reaped. Increasing want of fodder in the Sadar subdivision. Scarcity of water in Ghatál. Prices of common rice:— Srs. Sadar ... ... 14 Contai ... ... 16 Tamluk ... ... 13 Ghatál ... ... 14 } per rupee.
	5	Hooghly „ 12, '92 Serampore ... Jahánabad ...	Nil Nil Nil	Weather—seasonable. The *rabi* crop is not a good one. Sugarcane pressing in progress. No difficulty in obtaining fodder and water-supply. Prices of common rice:— Srs. Sadar ... ... 11 Serampore ... ... 12 Jahánabad ... ... 14 } per rupee.
	6	Howrah „ 12, '92 Ulubaria ...	Nil Nil	Weather—seasonable. *Rabi* crops not doing well owing to drought. Outturn of sugarcane good. Price of common rice 12 to 13 seers per rupee. Fodder and water-supply deficient. Health of cattle satisfactory.
Presidency Divn.	7	24-Parganas „ 12, '92	Nil	Weather—seasonable. Rain much wanted. Prospects of crops not good. Prices stationary. Supply of fodder and drinking water sufficient except at Canning and portion of Budge-Budge, where it is very difficult to get drinking water.
	8	Nadia „ 12, '92 Kushtia ... Meherpur ... Chuadanga ... Ranaghat ...	Nil Nil Nil Nil Nil	Weather—getting warm. Rain wanted for ploughing. Common rice selling at 12 to 13 seers 14 chitaks per rupee. Condition of cattle good, and supply of fodder sufficient, but there is fear of water failing in places owing to continued drought.
	9	Khulna „ 12, '92 Satkhira ...	Nil Nil	Weather—getting warm. Transplantation of *boro* nearly completed. Rain much needed for *boro* and other crops. Price of coarse rice varies from 14 to 16 seers per rupee. Fodder and water sufficient for cattle.
	10	Jessore „ 12, '92 Jhenida ... Magura ... Narail ... Bangaon ...	Nil Nil Nil Nil Nil	Weather—days hot and nights cool. *Rabi* harvest nearly over; outturn poor. Rain wanted for tilling. Water and fodder for cattle sufficient.
	11	Murshidabad „ 12, '92	Nil	Weather—getting hot. *Rabi* crops are being harvested. Fodder and water available for cattle. Coarse rice sells at 13 seers per rupee.
Chittagong Divn.	12	Chittagong „ 12, '92	Nil	Weather—becoming somewhat warmer; nights cool. Rain much wanted for vegetable crops. Prices tend to rise. Condition of cattle generally good. Supply of fodder sufficient.
	13	Noakhali „ 12, '92	Nil	Weather—seasonable. State of *rabi* crops bad owing to continued drought. No cattle-disease. Fodder and water-supply sufficient except in some parts of Fenny. Price of common rice in Sadar subdivision 13½ seers per rupee and in Fenny subdivision 14½ seers per rupee.
	14	Tippera „ 12, '92	Nil	Weather—cool at night, growing warm by day. Prospects of *rabi* fair. *Boro* paddy doing well. Rain in Brahmanbaria has improved the standing crops. Prices stationary.
	15	Chittagong Hill Tracts ...	...	Report not received.

No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—concld.			
Dacca Divn.			
16	Dacca — Mar. 12, '92	Nil	Weather—seasonable. Gathering of mustard going on; prospect fair. Jute being planted. *Boro*, *china* and *kaon* doing well, but rain wanted. Fodder available. Common rice selling at from 12 to 16 seers per rupee. Condition of cattle generally good.
17	Faridpur — „ 12, '92	Nil	Weather—seasonable: hot in the day, cool at night. *Rabi* crops being harvested, and their condition generally fair. *Boro* and *jali* paddy doing well. Land being ploughed for jute and *aus* rice. Prices of rice:— Srs. Sadar ... ... 14 } Madáripur ... ... 14½ } per rupee. Goalundo ... ... 13 } No cattle-disease and no want of fodder.
18	Backergunge — „ 12, '92	Nil	Weather—rather too hot in the day and cool at night. State and prospects of crops fair, but rain is much wanted. Ordinary rice selling at from 10 to 14 seers per rupee. Fodder and water sufficient.
19	Mymensingh — „ 12, '92	Nil	Weather—rather hot in daytime, cool at night. Prospects of crops good, but more rain wanted. Common rice selling at from 12½ to 17 seers per rupee. Condition of cattle good. Supply of water and fodder sufficient on the whole.
Rajshahye Divn.			
20	Dinajpur — „ 12, '92 Thakurgaon ...	Nil Nil	Weather—days getting hotter every day; nights still cool. Rain very badly wanted for the cultivation of lands for *bhadoi* and jute. Ploughing going on where possible. Price of rice at Sadar 11 seers per rupee, that at Thakurgaon stationary. Condition of cattle fair. Supply of fodder and drinking water fair.
21	Rajshahi — „ 12, '92 Nator .. Nowgong ...	Nil Nil Nil	Weather—nights seasonably cool, but days getting hotter every day. Harvesting of *rabi* crops still in progress. Prospects of standing crops good. *Boro* paddy doing well. Rain badly wanted. Condition of cattle good. Fodder plentiful. Water scanty only in the Nowgong subdivision. Price of rice varies from 12 to 15 seers per rupee.
22	Rangpur — „ 12, '92 Gaibanda ... Nilphamari ... Kurigaon ...	Nil Nil Nil Nil	Weather—days growing warmer; nights still cool. Cutting of tobacco in progress; that of sugarcane nearly completed. *Aus* paddy and jute are being sown where moisture is available, but rain is badly wanted everywhere. Price of common rice 12 seers per rupee. Fodder sufficient.
23	Bogra — „ 12, '92 Sherpnr ... Naukhilla ...	Nil Nil Nil	Weather—fine and dry, with high westerly winds. State and prospects of the few standing crops moderate. Rain is much needed for helping on ploughing. No scarcity of water or of fodder is reported. Common rice is selling on the average at 13 seers per rupee.
24	Pabna — „ 12, 92	Nil	Weather—still fresh west winds, but getting gradually warmer. Standing crops suffering for want of rain. Rain is also wanted for ploughing. Fodder and water sufficient. Common rice 12 seers per rupee.
25	Darjeeling — „ 12, 92	Nil	Weather—fair. Sugarcane cutting nearly finished in the Terai. Wheat and barley getting ripe. Fodder getting scarce in some parts of the Terai. No cattle-disease.
26	Jalpaiguri — „ 12, '92	Nil	Weather—getting hot. Outturn of tobacco reported to be 10 annas. Ploughing for *bhadoi* still continues. Rain urgently wanted. Common rice selling at from 8 to 10 seers per rupee. No cattle-disease. Fodder-supply fair.
BEHAR.			
Bhagulpore Divn.			
27	Monghyr — „ 12, '92 Begusarai ... Jamui ..	Nil Nil Nil	Weather—hot by day with west wind; cool at night. *Rabi* harvest going on. Outturn, as anticipated, 12 annas in Sadar and Begusarai and 6 annas in Jamui. Coarse rice 11 to 14 seers per rupee. Health of cattle good. Fodder and water scarce in places.
28	Bhágalpur — „ 12, '92	Nil	Weather—days hot with west wind; nights still pleasant. *Rabi* harvest in progress. Linseed giving about 4 annas outturn. Ploughing continues. Mango and *mahua* blossoms somewhat injured by dry west winds. Fodder for cattle still sufficient. Water low. Common rice 11 seers 6 chitaks per rupee.
29	Purnea — „ 12, '92 Kishanganj ... Araria ...	Nil Nil Nil	Weather—becoming warm rapidly and west wind blowing strongly. Ploughing continues. Sowing of *china*, *kauni*, and *mung* going on. Gram and tobacco being gathered. Only a small part of indigo yet sown for want of moisture. No actual want of fodder or water. No cattle-disease. Prices of common rice:— Srs. Sadar ... ... 11 to 12 } Kishanganj ... ... 10 } per rupee. Araria ... ... 13 }
30	Malda — „ 12, '92 Chanchal ... Shibganj ... Gajol ...	Nil Nil Nil Nil	Weather—getting warm every day with westerly wind. Harvesting of *rabi* crops has commenced; outturn 10 to 12 annas. Plants of *boro* rice thriving. Supply of fodder and water continues satisfactory. Common rice sells at from 10 to 13 seers 5 chitaks per rupee. No cattle-disease.
31	Sonthal Parganas — „ 12, 92	Nil	Weather—hot in day with west wind; cool at night. Sugarcane plantation begun. *Mahua* has begun to drop. It promises well if weather keeps clear and dry. Mangoes also promise well. Prices rising but very slowly. Rice 11 to 14 seers per rupee. Water and fodder sufficient.

	No.	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BEHAR—*concld.*					
PATNA DIVISION.	32	Patna	Mar. 12, '92	Nil	Weather—getting hotter. Strong west winds prevailing. *Rabi* harvest in progress. Opium being gathered. Strong west winds have done some damage to poppy by drying up the capsules somewhat prematurely and by knocking off the leaves. Prices of common rice vary from 12 to 14 seers per rupee.
	33	Gaya Jahanabad Aurungabad Nawáda	,, 12, '92	Nil Nil Nil Nil	Weather—season growing hot with high west winds. Harvesting of *rabi* in progress. Extraction of opium going on. Prices of food-grains rising. Supply of fodder and water yet sufficient.
	34	Shababad Buxar Bhabhua Sasarám	,, 12, '92	Nil Nil Nil Nil	Weather—hot with strong west winds. Harvesting of *rabi* proceeding; general outturn very fair. Opium still good. Prices stationary, but wheat is beginning to be cheaper. Fodder for cattle sufficient.
	35	Darbhanga	,, 12, '92	Nil	Weather—getting warmer with strong west winds. Harvesting of *rabi* still going on. Prices almost stationary. Fodder and water becoming scarce in places.
	36	Muzaffarpur Hajipur Sitamarhi	,, 12, '92	Nil Nil Nil	Weather—hot. Early *rabi* being harvested. Paddy, *mung* and *china* are being sown in places. Lands are being prepared for paddy sowing. Indigo sowing almost completed. Prices slightly rising in the Sitamarhi subdivision. No sign of distress as yet. Fodder and water-supply sufficient.
	37	Saran	,, 12, '92	Nil	Weather—hotter at close of week with strong west winds. *Rahar* almost ready for the sickle. Harvesting of *matar*, *kerao*, *masur*, wheat and barley has commenced. Expected outturn of poppy about 11 annas. Fodder and water for cattle sufficient. Prices of common rice:— Srs. Ch. Chapra ... ... 13 8 } Siwán ... ... 13 0 } per rupee. Gopalganj ... ... 13 6 }
	38	Champaran	,, 12, '92	Nil	Weather—days hot, nights still cool. *Rabi* crops are ripening and being reaped in some places. Collection of opium commenced. Prospects favourable in the Bettia subdivision, but meagre in the Sadar subdivision owing to the high west wind. Prices have slightly increased. Fodder and water plentiful.
ORISSA.					
ORISSA DIVN.	39	Cuttack	,, 12, '92	Nil	Weather—mornings cool, days hot. Prospects of *dalua* and other standing crops good. Rain badly wanted. Common rice sells at from 12 seers 8 chitaks to 20 seers per rupee. Fodder-supply sufficient.
	40	Puri	,, 10, '92	Nil	Weather—seasonable. Land being ploughed in places for next *sarad* crop. *Dalua* paddy ripening. Miscellaneous crops doing well. Common rice sells at from 12½ to 17 seers per rupee.
	41	Balasore	,, 12, '92	Nil	Weather—dry but cool for the time of year. Rain much wanted. Coarse rice selling at from 15 to 18 seers per rupee. Fodder sufficient.
CHOTA NAGPORE.					
South-West Frontier Agency.					
CHOTA NAGPORE DIVN.	42	Hazáribágh Giridih	Mar. 12, '92 ...	Nil Nil	Weather—seasonable: warm and windy. Estimated outturn of *rabi* from 2 to 12 annas; sugarcane 16 annas. Prospect of *mahua* good. Water and fodder sufficient in most places.
	43	Lohardaga	,, 12, '92	Nil	Weather—getting hot. Ploughing continues. Prospect of mango favourable. Water and fodder plentiful. Common rice selling at 13 seers a rupee.
	44	Palámau	,, 12, '92	Nil	Weather—getting hot; cold at night. *Rabi* crops are ripening. In some places harvesting has commenced already. Common rice selling at 14 seers per rupee. Fodder and water-supply sufficient.
	45	Singhbhum	...	...	Report not received.
	46	Manbhum Gobindpur	,, 12, '92 ...	Nil Nil	Weather—getting warmer every day. Coarse rice selling at 15 seers per rupee. Fodder and water-supply getting more and more scarce.

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 15th March, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS. Air Pressure. Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Wind. Prevailing direction.	Mean wind velocity.	Temperature. Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Puri	Puri ...	29·922	29·871	—	N	254	90·7	7th Mar.	66·6	6th Mar.	86·6	60·7	78·2	—	74·3
		Gopalpore ..	29·982	29·853	—·009	NNW	237	89 2	12th ,,	63·9	11th ,,	87·8	66·2	77·0	—1·0	71·6
		False Point ..	29·929	29·802	—·036	Wly	223	89·0	11th ,,	54·0	6th ,,	86·6	63·9	75·3	—3·4	73·5
	Cuttack	Cuttack ...	29 863	29·888	—·029	Calm	39	100·4	12th ,,	62·8	6 & 7th ,,	95·7	64·3	80 1	—3·2	70·5
	Balasore	Balasore ...	29·880	29 881	—·038	NWly	122	98·5	12th ,,	59 6	7th ,,	93·4	61·6	77 5	—1·1	70·8
South-West Bengal.	South-West Midnapore, South 24-Parganas ...	Saugor Island	29·910	29·880	—·043	WSW	271	87·2	9, 11 & 12th ,,	66·4	6th ,,	86·2	72·2	79·2	—0·7	75·5
	Midnapore	Midnapore ..	29·793	29·891	—·031	N	238	100·3	12th ,,	59·2	7th ,,	94·9	62 3	78·7	—1·1	74·0
	24-Parganas ..., Howrah ..., Hooghly ...	Calcutta ..	29·909	29 876	—·046	SWly	103	96·6	12th ,,	56·2	7th ,,	90·3	59·5	74·9	—3·6	70·2
	Burdwan	Burdwan‡ ..	29·837	29 886	—·035	W	04	97·2	12th ,,	55·3	6th ,,	90·9	60·0	75·5	—3·4	71·7
	Bankura	Bankura ..	29·606	29·863	—·046	W	100	97·6	12th ,,	55·8	6th ,,	91·9	61·9	76 9	—1·8	70·5
	Birbhum ..., West Burdwan ...	Raniganj ...	29·592	29·900	—·042	?	?	97·0	12th ,,	56·5	6th ,,	91·4	61·0	76·2	—2·4	68·2
	Murshidabad	Berhampore ..	29·843	29·860	—·055	SW	74	95·7	12th ,,	53·7	6th ,,	89·8	58 7	74·2	—3·0	67·7
	Nadia	Krishnagar ...	29·869	29·860	—·036	WNW	125	96·3	12th ,,	51·5	6th ,,	90·7	55·5	73·1	—4·0	72·1
	Jessore ..., Khulna ...	Jessore ...	29·890	29 871	—·050	SW	76	96·2	12th ,,	52·0	6th ,,	91 0	56·1	73 5	—5·4	68·5
East Bengal.	Chittagong	Chittagong ...	29·848	29·885	—·064	Calm		91·3	11th ,,	56·1	7th ,,	89·7	60·3	75·0	—1·0	68·6
	Chittagong Hill Tracts	Demagiri ...						Observations not received.								
	Backergunge	Barisal ...	29 914	29·872	—·030	Wly & Calm	58‡	93·3	12th Mar.	54·1	7th Mar.	88·9	59·8	74·3	—2·9	68·8
	Noakhali	Noakhali ...	29 878	29·870	—·058	Calm	45*	92·5	12th ,,	50·0	7th ,,	88·1	56·3	72·2	—3·5	[illegible]
	Faridpur	Faridpur ...	29·873	29·862	—·068	Calm	54	86·5	11 &12th ,,	52·0	6, 7&8th ,,	85·2	56 0	70·6	—5·7	66·2
	Dacca	Dacca ...	29·884	29·853	—·066	SW	73	95 1	12th ,,	56·3	7th ,,	89·5	60·2	74·9	—3·0	67·5
	Tippera	Comilla ...	29·884	29·808	—·062	S	54	93·3	12th ,,	53·0	6 & 7th ,,	88·9	57·5	73·2	—2·4	67·4
	Mymensingh	Mymensingh	29·858	29·871	—·06[illegible]	E	74	90·7	12th ,,	52·2	7th ,,	85·8	56·6	71·2	—1·6	64·1
North Bengal.	Bogra	Bogra* ..	29·801	29·817	—·077	Calm	85†	94·3†	12th ,,	53·2†	10th ,,	92·2†	58·6†	75·4†	—0·2†	66·1
	Pabna	Sirajganj ..	29·852	29·849	—·062	WSW	36	93 4	11th ,,	40·2	7th ,,	88·8	54·2	71 5	—3·1	67·1
	Rajshahi	Rampur Boalia.	29 839	29·861	—·039	SWly	85	92·6	11th ,,	53·7	7th ,,	87·6	59·3	73·5	—1·7	67 3
	Malda	Malda‡ ...	29·809	29·842	—	SW	101	95·1	11th ,,	40·5	7th ,,	91·4	54·8	73·1	—	71·9
	Dinajpur	Dinajpur ...	29·762	29·839	—·097‡	WSW & W	47‡	94·1	11th ,,	49·4	7th ,,	89·0	52·3	70·7	—3·3	62·8
	Rangpur	Rangpur ...	29 785	29 867	—·045	WSW	55	91·0	12th ,,	40·1	6th ,,	80 0	51·2	68·9	—3·3	62·0
	Jalpaiguri ..., Kuch Bihar ...	Jalpaiguri .	29·610	29 865	—·049	NE	74	87·4	11th ,,	49·6	6th ,,	84 3	54·2	69 2	—2·0	63·9
	Darjeeling Hill Tracts ...	Darjeeling ...	22·016	—	—·102	Variable	143	56 3	12th ,,	36·6	7th ,,	52 5	39·7	46 1	—3·1	46·5
North Bihar.	Purnea ..., North Bhágalpur ...	Purnea ...	29·771	29·855	—·058	Calm & SWly.	65	93·7	11th ,,	47·3	7th ,,	88·8	50·7	69·8	—3·1	60·9
	Muzaffarpur	Muzaffarpur	29·694	29·833	—	WNW	159	93·6	11th ,,	51·3	7th ,,	87·9	56·5	72·2	—	64·3
	Darbhanga	Darbhanga ...	29·732	29 858	—·057	WSW & Calm	115	92·2	11th ,,	52·4	6th ,,	86·8	55·7	71·3	—2·0	65·7
	Champaran	Motihari ...	29·647	29·838	—·059	W	208	93·2	11 &12th ,,	48·0	7th ,,	88·8	51·3	70·1	—2·2	63·3
	Saran	Chapra ...	29·706	29·849	—·044	SW	189	94·8	12th ,,	54·1	6 & 7th ,,	89·2	59·0	74·1	—0·1	66·6
South Bihar.	Shahabad	Dehri ...	29·359	29·873	—·053	SSW	212	95·3	12th ,,	59·0	7th ,,	89·7	64·0	76·9	+2·5?	72·5
		Buxar ...	29·665	29·867	—·055	W	182	92·9	12th ,,	55·9	7 & 8th ,,	88·0	59·4	73·7	—1·8	68·5
		Arrah ..	29·710	29·858	—·038	W	146	95·8	12th ,,	52·1	6th ,,	89·8	57·9	73·8	—0·9	67·0
	Gaya	Gaya ...	29·546	29·885	—·017	S & W	168	94·8	12th ,,	57·8	6th ,,	89 8	63·9	76·4	—0·7	73·1
	Patna	Bankipore ...	29·720	29·860	—·061	W	149	93·7	12th ,,	54·4	6th ,,	87·0	60·5	73·7	—0·8	71·7
	South Bhágalpur ..., Monghyr ...	Bhágalpur ...	29 728	29·846	—·055	Calm	47	94·7	11th ,,	52·5	7th ,,	89·6	59·9	74·8	—0·1	[illegible]
	Sonthal Parganas ...	Dumka ...	29·899	29·861	—·047	WNW	48	95·1	12th ,,	55·1	7th ,,	89·4	60·2	74 8	—2·1	69·1
Chota Nagpur.	Hazáribágh	Hazáribágh‡	[illegible]	29·881	—·045	W	301	89·5	12th ,,	53·2	6th ,,	84·0	59·6	71·9	—1·5	69·4
	Lohardaga ..., Manbhum ...	Ranchi ...	27·777	29·869	—·040	Variable	197	88·5	11 &12th ,,	53·9	6 & 7th ,,	84·4	61·1	72·8	—0·6	71·4
	Singhbhum	Chaibassa ...	29·102	29·886	—·018	SW & Calm	35	97·1	12th ,,	56·0	6th ,,	92·0	59·3	75·7	—3·3	71·5

* Means of 5 days. | † Means for 4 days. | ‡ Mean for 6 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last
The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the past stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 12th of March 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	District observations. Rainfall. Of week. Mean for district.	Normal mean.	Since 1st of month. Mean for district.	Normal mean.	Variation.	Since 16th October 1891. Mean for district.	Normal mean.	Variation.	Of week. Average number of rainy days.	Normal number of rainy days.	Representative station.	District.	Meteorological Division.
77	0	Nil	Nil	0·14	0·03	0·32	—0·29	8·59	7·79	+0·80	0·00	0·24	Puri ...	Puri	Orissa.
68	0	Nil											Gopalpore ...		
67	0	Nil											False Point ...		
69	0	Nil	Nil	0·16	0·02	0·53	—0·51	7·99	5·71	+2·28	0·00	0·42	Cuttack ...	Cuttack	
60	0	Nil	Nil	0·22	Nil	0·49	—0·49	4·12	4·74	—0·62	0·00	0·47	Balasore ...	Balasore	
72	0	Nil	Nil	0·14	Nil	0·36	—0·36	2·54	6·50	—3·96	0·00	0·33	Saugor Island ...	South-West Midnapore; South 24-Parganas ...	South-West Bengal.
66	0	Nil	Nil	0·30	Nil	0·72	—0·72	0·43	4·47	—4·01	0·00	0·51	Midnapore ...	Midnapore	
58	0	Nil	Nil	0·22	Nil	0·50	—0·50	0·61	4·33	—3·72	0·00	0·40	Calcutta ...	24-Parganas; Howrah; Hooghly ...	
31	0	Nil	Nil	0·23	Nil	0·61	—0·61	0·64	3·83	—3·19	0·00	0·41	Burdwan ...	Burdwan	
37	0	Nil	Nil	0·25	Nil	0·52	—0·52	1·00	3·37	—2·37	0·00	0·41	Bankura ...	Bankura	
38	0	Nil	Nil	0·16	Nil	0·33	—0·33	2·08	2·87	—0·79	0·00	0·34	Raniganj ...	Birbhum; West Burdwan ...	
43	0	Nil	Nil	0·21	Nil	0 38	—0·38	2·03	2·65	—0·62	0·00	0·33	Berhampore ...	Murshidabad ...	
38	0	Nil	Nil	0·31	Nil	0·56	—0·56	0·90	3 91	—3·01	0·00	0·51	Krishnagar ...	Nadia	
62	0	Nil	Nil	0·28	Nil	0·65	—0·65	1·95	4·69	—2·74	0·00	0·54	Jessore ...	Jessore ...; Khulna ...	
72	9	Nil	Nil	0·32	Nil	0·72	—0·72	3·12	7·39	—4·27	0·00	0·46	Chittagong ...	Chittagong	East Bengal.
			Nil	0·64	Nil	1·21	—1·21	4·53	7·63	—3·10	0·00	0·70	Domagiri ...	Chittagong Hill Tracts	
75	0·7	Nil	Nil	0 36	0·32	0·72	—0·40	1·73	6 22	—4·49	0·00	0·51	Barisal ...	Backergunge	
84	0	Nil	Nil	0·69	0·07	1·23	—1·16	3·38	8 53	—5·15	0 00	0·95	Noakhali ...	Noakhali	
66	0	Nil	Nil	0·53	0·37	1·18	—0·81	3·16	4·75	—1·59	0·00	0·66	Faridpur ...	Faridpur	
67	0	Nil	Nil	0·78	0·05	1·24	—1·19	3·51	5·22	—1·71	0·00	0·82	Dacca ...	Dacca	
70	0	Nil	Nil	1·09	0·35	1·65	—1·30	6·89	5·98	+0·91	0·00	1·13	Comilla ...	Tippera	
69	0	Nil	Nil	0·41	0·12	0·72	—0·60	2·01	4·17	—1·26	0·00	0·61	Mymensingh ...	Mymensingh	
57†	0	Nil	Nil	0·15	0·04	0·27	—0·23	2·73	2·80	—0·16	0·00	0·36	Bogra ...	Bogra	North Bengal.
62	0	Nil	Nil	0·32	Nil	0·59	—0·59	1·30	3·98	—2·68	0·00	0·41	Sirajganj ...	Pabna	
51	0	Nil	Nil	0·14	Nil	0·27	—0·27	1·87	2·69	—0·82	0·00	0·24	Rampur Boalia ...	Rajshahi	
45	0	Nil	Nil	0·09	Nil	0 24	—0·24	0·58	2·50	—1·92	0·00	0·24	Malda ...	Malda	
53	0	Nil	Nil	0·10	Nil	0·19	—0·19	0·53	1·98	—1·45	0·00	0·16	Dinajpur ...	Dinajpur	
72	0	Nil	Nil	0·28	Nil	0·53	—0·53	0·53	2·63	—2·10	0·00	0·40	Rangpur ...	Rangpur	
66	0	Nil	Nil	0·28	Nil	0·49	—0·49	0·40	2·76	—2 36	0·00	0·50	Jalpaiguri ...	Jalpaiguri; Kuch Bihar ...	
66	4·3	Nil	Nil	0·45	Nil	0·77	—0·77	3·19	4·66	—1·47	0·00	0·82	Darjeeling ...	Darjeeling Hill Tracts	
54	0	Nil	Nil	0·09	Nil	0·26	—0·26	0·22	2·34	—2·12	0·00	0·17	Purnea ...	Purnea ...; North Bhágalpur ...	North Bihár.
56	0	Nil	Nil	0·03	Nil	0·22	—0·22	0·79	2·29	—1·50	0·00	0·13	Muzaffarpur ...	Muzaffarpur	
51	0	Nil	Nil	0·10	Nil	0·29	—0·29	0·72	2·17	—1·45	0·00	0·13	Darbhanga ...	Darbhanga	
57	0	Nil	Nil	0·03	Nil	0 29	—0·29	0·13	1·84	—1·71	0·00	0·11	Motihari ...	Champaran	
45	0	Nil	Nil	0·04	Nil	0·12	—0·12	0 79	2·26	—1 47	0·00	0·14	Chapra ...	Saran	
38	0	Nil											Dehri ...		South Bihár.
38	0	Nil	Nil	0·08	Nil	0·27	—0·27	1·39	2·86	—1·47	0·00	0·17	Buxar ...	Shahabad	
41	0	Nil											Arrah ...		
51	0	Nil	Nil	0·07	Nil	0·22	—0·22	0·94	2·37	—1·43	0·00	0·16	Gaya ...	Gaya	
38	0	Nil	Nil	0·07	Nil	0·16	—0·16	0·60	2·43	—1·63	0·00	0·19	Bankipore ...	Patna	
43	0	Nil	Nil	0·04	Nil	0·16	—0·16	0·53	2·50	—1·97	0·00	0·13	Bhágalpur ...	South Bhágalpur; Monghyr ...	
35	0	Nil	Nil	0·12	Nil	0·28	—0·28	1·30	2·30	—1·09	0·00	0·25	Dumka ...	Sonthal Parganas ...	
36	0	Nil	Nil	0·52	Nil	0·86	—0·86	1·55	3·29	—1·74	0·00	0 25	Hazáribágh ...	Hazáribágh	Chutia Nagpur.
33	1·0	Nil	Nil	0·33	0·08	0·65	—0·57	1·67	3·74	—2·07	0·00	0·44	Ranchi ...	Lohardaga	
			Nil	0·28	Nil	0·51	—0·51	1·43	3·24	—1·81	0·00	0·40		Manbhum	
38	0	Nil	Nil	0·28	Nil	0·63	—0·63	1·72	4·11	—2·39	0·00	0·50	Chaibassa ...	Singbhum	

† ten years. The variations are *negative* when the mean of the week is less than the corresponding normal mean, and *positive* when greater
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal means
ten years. The means of the district are the numerical average of the rainfall return received in the district, *i.e.*, from total rainfall at the sub-divisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 12th of March 1892.

Meteorological division.	District.	Station.	Rainfall. Sunday, 6th March.	Monday, 7th March.	Tuesday, 8th March.	Wednesday, 9th March.	Thursday, 10th March.	Friday, 11th March.	Saturday, 12th March.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
ORISSA ...	Puri ...	Puri ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·26	15·91	8·60
		Khurda ...	......	......	......	......	......	......	......	Nil	Nil	0·21	0·10	0·31	3·85	5·84
		Banpur ...	......	......	......	......	......	......	......	Nil	Nil	0·23	0·01	0·37	2·24	7·68
		False Point ..	......	......	......	......	......	......	......	Nil	Nil	0·07	0·01	0·34	12·68	9·02
		Gop ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Satpara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·10	?
		Pipli	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	7·54	?
	Cuttack .	Jagatsingpore	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·33	12·90	5·57
		Banki ...	......	......	......	......	......	......	......	Nil	Nil	0·06	0·05	0·76	1·22	5·89
		Cuttack ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·70	4·87	5·79
		Kendrapara ...	......	......	......	......	......	......	......	Nil	Nil	0·25	0·06	0·39	17·69	5·74
		Jajpur ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·49	3·24	5·55
		Dharmsala ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	5·36	?
		Salipore .	......	......	......	......	......	......	......	Nil	Nil	?	0·30	?	8·65	?
		Akhyapada ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·74	?
	Balasore ..	Chandbali ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·51	11·05	6·00
		Bhadrak ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·39	6·03	5·11
		Sorah ...	......	......	......	......	......	......	......	Nil	Nil	0·43	Nil	0·70	4·18	4·.7
		Balasore ...	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·60	2·85	5·99
		Jellasore ..	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·45	0·82	3·46
		Baripodah ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·31	0·92	3·35
SOUTH-WEST BENGAL.	Midnapore ...	Contai	......	......	......	......	......	......	......	Nil*	Nil	0·11	Nil	0·30	2·49	6·85
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·35	4·44	7·01
		Tamluk ..	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·59	0·55	5·29
		Midnapore ...	......	......	......	......	......	......	......	Nil	Nil	0·36	Nil	0·63	0·36	4·88
		Ghatal ...	......	......	......	......	......	......	......	Nil	Nil	0·61	Nil	0·93	0·42	3·24
		Kukrahaty ...	......	......	......	......	......	......	......	Nil	Nil	?	0·05	?	0·36	?
		Garhbeta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·54	?
	24-Parganas ...	Diamond Harbour ...	......	......	......	......	......	......	......	Nil	Nil	0·16	0·04	0·44	0·74	5·63
		Canning Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·34	?
		Alipore Jail ..	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·74	0·43	5·00
		Barrackpore...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·52	0·49	4·39
		Dum-Dum ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·50	0·62	4·50
		Barasat ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·45	1·03	4·55
		Basirhat ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·47	1·33	4·15
	Howrah ...	Howrah .	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·48	0·30	4·63
		Mohesreka .	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·39	0·45	3·77
		Ulubaria ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·40	?
	Hooghly ...	Serampore ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·47	0·67	3·83
		Hooghly ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·47	0·38	4·12
		Jahânabad ...	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·47	0·34	3·82
	Burdwan ...	Kalna ...	......	......	......	......	......	......	......	Nil	Nil	0·39	Nil	0·74	0·36	4·01
		Burdwan ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·64	0·43	3·73
		Katwa ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·44	1·13	3·74
		Raniganj ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·29	1·25	3·10
		Mankur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·14	?
	Bankura ...	Bankura ...	......	......	......	......	......	......	......	Nil	Nil	0·35	Nil	0·84	0·93	3·92
		Bishenpore ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·50	0·82	3·46
		Maliara ...	......	......	......	......	......	......	......	Nil	Nil	0 25	Nil	0·30	1·39	2·51
		Khatra ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·44	0·85	3·59
		Indas ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·57	?
		Kotalpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·30	?
		Anda ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
		Gangajalghati	......	......	......	......	......	......	......	Nil	Nil	?	0·06	?	0·73	?
		Raipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·52	?
		Sonamukhi ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·72	?
	Birbhum ...	Bh. Suri ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·45	2·26	3·25
		Hetampore ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·13	2·04	2·30
		Rampur Hât...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·42	2·81	2·79
		Bolpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·65	?
		Murari ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·56	?
	Nadia ...	Ranaghat ...	......	......	......	......	......	......	......	Nil	Nil	0·36	Nil	0·53	0·74	3·87
		Krishnagar ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·40	1·33	3·15
		Chuadanga ...	......	......	......	......	......	......	......	Nil	Nil	0 29	Nil	0·63	0·51	4·29
		Meherpore ...	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·59	0·66	3·80
		Kushtia ..	......	......	......	......	......	......	......	Nil	Nil	0·43	Nil	0·65	1·24	4 43
	Khulna ...	Satkhira ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·38	3·25	4·58
		Bâgerhat ...	......	......	......	......	......	......	......	Nil		0·22	Nil	0·78	2·78	4·99
		Khulna ...	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·60	4·08	5·17
		Nakipur ...	......	......	......	......	......	......	......	Mil	Nil	?	Nil	?	2·82	?
		Rampal ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·89	?
	Jessore ...	Narail ...	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·63	2·20	4·92
		Jessore ...	......	......	......	......	......	......	......	Nil	Nil	0·39	Nil	0·76	1·46	4·99
		Jhenidah ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·71	0·51	4·61
		Magura ...	......	......	......	......	......	......	......	Nil	Nil	0·52	Nil	0·93	0·76	3·90
		Bangaon ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·43	0·56	4·24
	Murshidabad	Kandi ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·31	1·75	2·90
		Berhampore...	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·49	1·84	3·17
		Lalbagh ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·35	1·49	2·39
		Azimgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·48	2·56	2·74
		Jangipur ..	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·30	2·38	2·84
		Lalgola ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·34	2·20	2·37
		Aurigunj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·12	?
		Patkabari ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·40	?
EAST BENGAL	Chittagong ...	Cox's Bazar ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil*	0·77	4·01	8·28
		Chittagong ...	......	......	......	......	......	......	......	Nil	Nil	0·41	Nil	0·68	2·23	6·49
		Kutubdia ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3 81	?
		Satkanya ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3 73	?
	Chittagong Hill Tracts.	Rangamati ...	......	......	......	......	......	......	......	Nil	Nil	0·64	Nil	1·21	4·58	7·68
		Bundarban ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·04	?
	Backergunge	Patuakhali ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·51	0·95	6·38
		Pirojpur ..	......	......	......	......	......	......	......	Nil	Nil	0·22	0·20	0·53	1·89	5·97
		Barisal ..	......	......	......	......	......	......	......	Nil	Nil	0·45	0·35	0·88	2·82	6·44
		Bhola ...	......	......	......	......	......	......	......	Nil	Nil	0·31	0·75	0·95	1·28	6·01

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 12th of March 1892—contd.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 6th March.	Monday, 7th March.	Tuesday, 8th March.	Wednesday, 9th March.	Thursday, 10th March.	Friday, 11th March.	Saturday, 12th March.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
EAST BENGAL —concld.		*Gournaddi* ...	......	......	......	......	......	......	......	Nil	Nil	?	0·23	?	4·23	?
		Bauphal ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·74	?
	Noakhali ...	Noakhali ...	......	......	......	......	......	......	......	Nil	Nil	0·73	0·03	1·25	3·06	7·62
		Fenny ...	......	......	......	......	......	......	......	Nil	Nil	0·65	0·10	1·21	3·67	9·42
		Harishpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·62	?
		Ramganj ...	......	......	......	......	......	......	......	Nil	Nil	?	0·81	?	2·51	?
	Faridpur ...	Madaripur ...	......	......	......	......	......	......	......	Nil	Nil	0·38	Nil	1·10	4·61	4·78
		Faridpur ...	......	......	......	......	......	......	......	Nil	Nil	0·67	0·77	1·42	3·21	[illegible]
		Goalundo ...	......	......	......	......	......	......	......	Nil	Nil	0·54	0·35	1·01	1·69	4·52
	Dacca ...	Munshiganj ...	......	......	......	......	......	......	......	Nil	Nil	0·82	0·07	1·85	4·71	6·55
		Dacca ...	......	......	......	......	......	......	......	Nil	Nil	0·71	Nil	1·11	3·06	4·31
		Naraingunge...	......	......	......	......	......	......	......	Nil	Nil	1·17	0·04	1·35	4·21	6·08
		Manikganj ...	......	......	......	......	......	......	......	Nil	Nil	0·41	0·10	0·65	2·05	3·92
		Joydeopore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·23	?
	Hill Tippera Tippera .	Agartola ...	......	......	......	......	......	......	......	Nil	Nil	1·25	0·11	1·97	8·34	6·94
		Comilla ...	......	......	......	......	......	......	......	Nil	Nil	0·76	Nil	1·54	6·49	5·83
		Chandpore ...	......	......	......	......	......	......	......	Nil	Nil	0·95	0·56	1·24	7·16	4·70
		Brahmanbaria	......	......	......	......	......	......	......	Nil	Nil	1·40	0·70	1·86	5·71	6·46
		Ramchandrapore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·28	?
		Nasirnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	0·25	?	3·70	?
		Daudkandi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·17	?
		Kasba ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	7·44	?
		Laksham ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·45	?
	Mymensingh .	Kishoregunge	......	......	......	......	......	......	......	Nil	Nil	0·55	Nil	1·08	1·97	4·45
		Atia (*Tangail*)	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·65	1·45	4·18
		Mymensingh ...	......	......	......	......	......	......	......	Nil	Nil	0·37	Nil	0·69	4·10	4·16
		Jamálpur ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·31	3·20	3·76
		Netrokona ...	......	......	......	......	......	......	......	Nil	Nil	0·71	0·58	0·88	4·02	4·25
		Subornakhally	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·28	?
		Durgapore ...	......	......	......	......	......	......	......	Nil	Nil	?	3·40	?	?	?
		Sherepore Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·08	?
		Dewanganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·12	?
NORTH BENGAL.	Pabna ...	Pabna ...	......	......	......	......	......	......	......	Nil	Nil	0·49	Nil	0·83	1·32	4·05
		Sirajganj ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·54	1·25	3·90
	Bogra ...	Sherepore ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·32	2·97	3·44
		Nowkhilla ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·23	2·36	3·12
		Bogra ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·24	3·91	3·11
		Panchbibi ...	......	......	......	......	......	......	......	Nil	Nil	0·19	0·14	0·30	1·04	1·85
	Rajshahi ...	Boalia ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·39	0·94	2·67
		Nator ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·31	2·35	3·15
		Naogaon ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·10	2·39	2·24
		Lalpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·47	?
		Manda ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·54	?
	Malda	Malda ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·29	0·96	2·81
		Chanchal ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·17	0·20	2·16
		Gajol ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·65	?
		Sibganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·57	?
	Dinajpur	Mohadebpore	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·10	1·18	1·64
		Churamon ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·17	0·32	1·64
		Raigunge ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·17	0·30	1·66
		Dinajpur ..	......	......	......	......	......	......	......	Nil	Nil	0·16	0·03	0·35	0·34	3·34
		Baloorghat ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·16	0·54	1·62
		Thakoorgaon	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·18	?
	Rangpur ...	Bhawanigunge (*Gyabandha*)	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·55	0·84	2·84
		Rangpur ..	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·62	0·37	3·20
		Kurigram ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·56	0·51	2·33
		Bagdogra (*Nilphamari*)	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·39	0·40	2·15
		Ulipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·87	?
	Jalpaiguri ..	Jalpaiguri ..	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·52	0·60	3·75
		Alipore Dooar	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·84	?
		Fallacotta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·[illegible]6	?
		Debiganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·31	?
		Bhagatpore (Nagrakatta)	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·66	?
	Kuch Bihar ..	Dinhatta ..	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·50	0·21	2·71
		Kuch Bihar .	......	......	......	......	......	......	......	Nil	Nil	0·30	Nil	0·55	0·40	2·49
		Mickilgunge ..	......	......	......	......	......	......	......	Nil	Nil	0·30	Nil	0·44	0·46	2·58
		Mathabhanga	......	......	......	......	......	......	......	Nil	Nil	0·22	0·02	0·42	0·59	2·28
	Darjeeling Hill.	Buxa ..	......	......	......	......	......	......	......	Nil	Nil	0·75	Nil	1·12	6·81	6·92
		Silliguri .	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·68	0·77	2·51
		Darjeeling ..	......	......	......	......	......	......	......	Nil	Nil	0·40	Nil	0·69	2·80	5·82
		Kalimpong ..	......	......	......	......	......	......	......	Nil	Nil	0·39	Nil	0·61	2·35	3·40
		Kurseong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·22	?
NORTH BIHAR	Purnea ...	Kishanganj ..	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·30	0·31	2·50
		Araria .	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·38	0·13	2·32
		Purnea ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·22	0·08	2·75
		Gondwara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Barsoe ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·20	?
		Matiari ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Kaliaganj ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·04	?
	North Bhágalpur.	Madhipura ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·20	0·31	2·20
		Supaul ..	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·22	0·23	1·93
		Protabganj ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·33	?
	Darbhanga	Tájpur ..	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·15	0·47	2·00
		Darbhanga ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·18	0·94	2·17
		Madhubani ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·32	0·81	2·36
		Ganera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·20	?
		Rosera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·40	?
	Muzaffarpur...	Sitamarhi ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·29	0·23	1·03
		Muzaffarpur	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·22	0·82	2·80
		Hajipur ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·14	1·33	[illegible]
		Para ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·70	?
		Mahua ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·75	?
		Sinhar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pupri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·40	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 12th of March 1892—concld.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 6th March.	Monday, 7th March.	Tuesday, 8th March.	Wednesday, 9th March.	Thursday, 10th March.	Friday, 11th March.	Saturday, 12th March.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
NORTH BIHAR—concluded.	Champaran	Motihari	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·29	0·11	1·81
		Bettiah	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·29	0·15	1·85
		Bavaha	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·10	?
		Burhurwa	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·04	?
	Saran	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·02	0·22	1·78
		Siwán	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·11	1·03	2·53
		Chapra ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·21	1·11	2·47
SOUTH BIHAR	Shahabad ...	Buxar	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·18	1·45	2·67
		Dehri	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·41	0·51	3·07
		Bhabhua ..	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·12	2·81	3·43
		Sasarám ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·15	0·73	2·06
		Arrah ..	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·18	1·44	2·43
		Mohaniah	......	......	......	......	......	......	......	Nil	Nil	?	Nil		2·36	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Aycaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Rammagor ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Koath ..	......	......	......	......	......	......	......	Nil	Nil		Nil	?	?	?
		Sikroul ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Bassowan ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Monaharpur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
	Gaya	Aurangabad ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·21	1·58	2·09
		Gaya ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·18	1·52	2·52
		Nawádah ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·22	0·54	2·49
		Jahánabad ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·23	0·11	2·32
		Arwal	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·40	?
		[illegible]audnagar	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·24	?
		Sherghati	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·78	?
		Rajauli	......	......	......	......	......	......	......	Nil	Nil	?	Nil		2·10	?
		Pakri Barawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil		0·33	?
	Patna	Patna	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·13	1·30	2·33
		Dinapore	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·10	0·88	2·25
		Bihár ..	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·2[illegible]	0·36	2·77
		Barh ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·20	0·38	2·39
		Bikram ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·93	?
		Hilsa	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·57	?
	Monghyr ...	Begusarai ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·13	0·76	2·08
		Monghyr	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·15	0·17	2·54
		Jamui	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·24	0·50	2·58
		Gogri	......	......	......	......	......	......	......	Nil	Nil	?	Nil		Nil	?
		Sheikpura	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·23	?
	South Bhágalpur	Bhágalpur ..	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·15	0·20	2·19
		Banka	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·21	0·99	2·73
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bangaon	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
	Sonthal Parganas.	Rajmahal ..	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·12	0·70	1·71
		Godda ..	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·20	0·88	2·[illegible]6
		Pakour	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·23	2·08	1·83
		Naya Dumka	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·49	1·31	2·92
		Deoghur .	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·35	1·19	3·36
		Jamtara ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·38	1·15	2·49
		Mohagama	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?		?
		Nanihat .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·71	?
CHOTA NAGPUR.	Hazáribágh ..	Pachamba (Giridi). ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·47	1·45	2·80
		Hazáribágh	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·41	2·17	3·10
		Semlaguran	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·67	1·50	2·85
		Mahudi Hills	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·55		3·03
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	1·90	Nil	2·23	1·20	4·74
		Barhi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·41	
		Chatra .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·60	?
		Karaydaha .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·81	?
		Ramghar	......	......	......	......	......	......	......	Nil	Nil	?	Nil			?
	Lohardaga ...	Lohardaga ...	......	......	......	......	......	......	......	Nil	Nil	0·53	Nil	0·87	2·13	4·05
		Ranchi ...	......	......	......	......	......	......	......	Nil	Nil	0·27	0·23	0·67	2·04	4·04
		Palámau	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·40	0·83	3·14
		Silli ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?		?
		Batumat	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·18	?
		Hossenabad	......	......	......	......	......	......	......	Nil	Nil	?	Nil		1·68	?
		Garwah	......	......	......	......	......	......	......	Nil	Nil	?	Nil		1·49	?
	Singhbhum ...	Chaibassa ...	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·63	1·72	4·11
		Chakradharpore.	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?		?
		Ghatsilla ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·88	?
		Baharagura	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·62	?
	Manbhum	Purulia ...	......	......	......	......	......	......	......	Nil	Nil	0·35	Nil	0·63	1·63	3·43
		Gobindpur .	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·37	1·20	2·98
		Raghunathpore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·56	?
		Barrabhum	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·72	?
		Jhalda ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·07	?
		[illegible]	......	......	......	......	......	......	......	Nil	Nil	?	Nil		0·27	?
		Pandra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil		?	?

Explanation.—......indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the 15th March* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 12TH OF MARCH 1892.

ON the last day of the previous week a feeble barometric depression had passed away in an entirely direction from Bengal. Dry westerly and north-westerly winds then set in over the province which were accompanied by increasing pressure, falling temperature, and a rapid decrease in the humidity, and the air at many stations had become unusually dry. On the 6th, pressure continued to increase rapidly, and there had been a rapid fall in the temperature, the decrease in the mean temperature at some stations equalling as much as from 7° to 9°. Humidity also continued low, though the air was not so dry as on the 5th, and a steady westerly wind current was reported at almost all stations. On the 7th pressure began to give way slowly, but temperature again fell, and the mean temperature over the whole province became about 6° or 7° below the normal of the day, and the defect in the night temperature in some cases exceeded 10°. The changes on the 8th were unimportant, and pressure was generally falling slowly, while temperature was increasing rather briskly. On the 9th, temperature again rose moderately, and pressure was almost steady over the greater part of the province, but it had become comparatively somewhat low in the north of the province, and hence there was a tendency for southerly winds to set in over the greater part of the province. Almost precisely similar conditions obtained on the 10th, and on the 11th pressure was falling moderately to rather rapidly and had become below the normal, the defect ranging up to more than a tenth of an inch in North Bengal. Temperature had also generally risen and had became above the normal by small amounts, while on the 12th a further moderate fall of pressure occurred, and pressure became in defect by amounts ranging from a tenth up to a sixth of an inch in parts of North Bengal, while a further increase of temperature had occurred, and the mean temperature had become generally from about 2° to 5° above the normal. Winds, however, on this day were strongly westerly over the whole province, and hence humidity continued low at most stations.

Throughout the whole week, therefore, weather has again been fine over the entire province and the whole province has been rainless.

Pressure—Has been below the normal in all districts, but the defects have been comparatively small in the south-western districts, where they do not as a rule exceed 0·03″ or 0·04.″ They have, on the other hand, been largest in North Bengal and North Bihár, and at such stations as Bogra and Dinajpur they exceed 0·08″, while in the higher strata of the air, as at Darjeeling, the defect has been reported to be 0·102″.

Temperature—Was unusually low for the season during the first part of the week, but it became again above the normal at its close. For the whole week the mean temperature of the province has been 2° below the normal, but the defects have been largest in South-West and East Bengal, where they have averaged nearly 3°.

The variation of temperature for the week is, however, most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the week at nine typical stations in different districts of the province are compared with the normal values for the same period. It will be seen that the maximum or day temperatures have been fairly normal, but that the night temperatures have been largely in defect, the deficiency at Calcutta equalling 8·2° and at Cuttack, Dacca, Burdwan, and Purnea exceeding 6°:—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 12th March 1892.

	Normal mean maximum temperature for the week ending 12th March.	Actual mean maximum temperature for the week ending 12th March 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 12th March.	Actual mean minimum temperature for the week ending 12th March 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 12th March.	Actual mean daily temperature for the week ending 12th March 1892.	Variation of actual mean from the normal.
Cuttack	95·9	95·7	—0·2	70·7	64·3	—6·4	83·3	80·1	—3·2
Calcutta	89·4	90·3	+0·9	67·7	59·5	—8·2	78·6	74·9	—3·7
Dacca	89·0	89·5	+0·5	66·6	60·2	—6·4	77·8	74·9	—2·9
Burdwan	91·6	90·9	—0·7	66·4	60·0	—6·4	79·0	75·6	—3·5
Patna	88·4	87·0	—1·4	60·7	60·5	—0·2	74·6	73·7	—0·9
Gaya	90·9	89·8	—1·1	63·2	62·9	—0·3	77·1	76·4	—0·7
Purnea	88·4	88·8	+0·4	57·4	50·7	—6·7	72·9	69·8	—3·1
Hazáribágh	85·6	84·0	—1·6	61·4	59·6	—1·8	73·5	71·9	—1·6
Darjeeling	56·3	52·5	—3·8	41·7	39·7	—2·0	49·0	46·1	—2·9

Rainfall—Has been entirely absent throughout the week over the whole province.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 12th of March 1892 :—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th Oct. 1891	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	100·4	54 0	90·0	65 1	77 6	—2·2	Nil	0·18	—0·18	0·00	0 39	—0·39	0·02	0·46	6·68	5·88
South-West Bengal ...	100·3	51·5	90·8	60·8	75·8	—2·8	Nil	0·24	—0·24	0·00	0·45	—0·45	Nil	0·50	1·32	4·01
East Bengal	95·1	50·0	88·0	58·1	73·1	—2·9	Nil	0·60	—0·60	0·00	0·73	—0·73	0·19	1·07	8·38	5·78
North Bengal	95·1	49·1	88·6	54·9	71·8	—2·3	Nil	0·19	—0·19	0 00	0·33	—0·33	0·01	0·36	1·04	2·67
North Bihár	94·8	47·3	88 3	54·6	71·5	—1·9	Nil	0·06	—0·06	0·00	0·14	—0·14	Nil	0·22	0·53	2·21
South Bihár	95·8	52·1	89·0	60·7	74·9	—1·1	Nil	0·08	—0·08	0 00	0·19	—0·19	Nil	0·22	0·99	2·51
Chota Nagpur	89·5*	53·2*	84·2*	60·4*	72 3*	—1·1*	Nil	0·40	—0·40	0·00	0·37	—0·37	0·02	0·72	1·61	3·48

* Chaibassa not included.

METEOROLOGICAL OFFICE, BENGAL,
The 15*th March* 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 6th to 12th March 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature.						Hygrometry.			Rainfall past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
March ...	6th ...	30 013	72 3	87·0	29·5	57·5	79·8	59·9	·252	40·4	25	Nil
,, ...	7th ...	29·975	74 0	90·0	32·1	57·9	80·1	64·6	·403	53·0	40	,,
,, ...	8th .	·917	77 0	92·8	31·7	61·1	84·0	65·6	·385	51·7	33	,,
,, ...	9th ...	·919	77·5	94·0	33·1	60·9	83·6	69·6	·537	61·0	47	,,
,, ...	10th ...	·953	78·5	95·0	33 1	61·9	84·2	66·4	·411	53·5	35	,,
,, ...	11th ...	·920	80·0	97·0	34·1	62·9	86·6	66·6	·386	51·8	31	,,
,, ...	12th ...	·872	80·1	97·0	33 8	63·2	87·6	65·1	·320	46·7	24	,,

	Inches.
The mean 10 A.M. pressure of the seven days	29·938
The mean temperature of the seven days	77°·1
The extreme variation of temperature	39·5
The maximum temperature	97·0
	%
The mean 10 A.M. relative humidity of the seven days	34
The total fall of rain from 6th to 12th March 1892	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The 14*th March* 1892.

Results of the Meteorological Observations taken at the Alipore Observatory from 6th to 12th March 1892

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Temperature. Maximum.	Temperature. Range.	Temperature. Minimum.	Hygrometry. Mean wet bulb.	Hygrometry. Vapour tension.	Hygrometry. Dew point.	Hygrometry. Humidity.	Wind. Prevailing direction.	Wind. Miles recorded.	Rain.	Weather.
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Mar.	6th	142 3	9·2	29 908	71·8	85·1	27·3	57·8	57·3	0·279	43·1	40	WNW and NNW	87	Nil	Clear.
,,	7th	143·8	9·3	·882	71·9	87·8	31·8	56 0	59·5	·346	48·8	50	SWly, W and WNW.	75	,	Clear.
,,	8th	146·0	9·8	·836	74·3	90·7	29·5	61·2	61·8	·386	51·8	52	SWly, W and WNW.	103	,,	Clear.
,,	9th	148·5	10·0	·844	74·6	92·4	33 3	59·1	62·5	·406	53·2	53	WSW and NW	80	,,	Clear.
,,	10th	148·7	10·2	·853	76·8	94·6	33 7	60·9	63·4	·406	53·2	51	SW and WNW ...	120	,,	Clear.
,,	11th	149·2	10·1	·810	78·1	96·4	35·7	60·7	63·3	387	51·8	47	SWly, W and WNW.	141	,,	Clear.
,,	12th	149·8	9·0	·771	77·9	94 7	34·0	60·7	63·2	·386	51·8	47	SWly, W and WNW.	127	,,	Clear.

	Inches.
The mean pressure of the seven days	29·843
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·842
	Hours.
The total number of hours of bright sunshine	67·6
The maximum possible number of hours of sunshine	82·8
	°
The mean temperature of the seven days	75·1
The average temperature of the corresponding period for 24 years, S.-G.'s Office	78·3
The extreme variation of temperature	40·4
The maximum temperature	96·4
	Miles.
The highest velocity of the wind in one hour	14
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	49
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	69
	Inches.
The total fall of rain from 6th to 12th March 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·31
The total fall from 1st January to 12th March 1892	0·04
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	2·28

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

C. LITTLE,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;

Calcutta, the 14th March 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 20th February 1892.

1	2	3			4			5			6	7							8							9	10		11		12
DISTRICTS.	NAMES OF MUNICIPALITIES.	POPULATION.			BIRTHS. Number of—			BIRTHS. Ratio per 1,000 of population per annum.				MORTALITY ACCORDING TO— Diseases. Deaths from—							Diseases. Ratio per 1,000 of population per annum.								Sex. Deaths.		Sex. Ratio per 1,000 of population per annum.		
		Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan	Burdwan	18,063	16,017	34,080	8	8	*16*	12·2	12·2	*24·4*	100	...	6	22	2	...	3	*33*	..	9·1	33·6	3·1	...	4·6	*50·4*	61·0	17	16	48·9	51·9	94
	Ranigunj	6,546	4,691	10,937	7	4	*11*	33·3	19·0	*52·3*	175	11	..	13	3	...	1	*28*	52·3	..	61·8	14·3	...	4·7	*133·1*	61·8	21	7	174·8	77·6	225
Bankura ...	Bankura	8,970	8,925	17,895	10	4	*14*	29·1	11·6	*40·7*	250	...	1	9	...	...	2	*12*	...	2·9	26·2	...	...	5·8	*34·9*	41·6	3	9	17·4	52·4	33
Birbhum ...	Suri	3,982	3,866	7,848	1	3	*4*	6·6	19·9	*26·5*	33	...	...	4	...	...	4	*8*	..	...	26·5	...	...	26·5	*53·0*	66·3	3	5	39·2	67·3	58
Midnapore ...	Midnapore ..	16,927	16,633	33,560	15	10	*25*	23·2	15·5	*38·7*	150	4	...	19	4	...	1	*28*	6·2	...	29·4	6·2	...	1·5	*43·4*	54·2	16	12	49·2	37·5	131
Hooghly, including Serampore.	Hooghly and Chinsura.	15,858	15,829	31,687	7	12	*19*	11·5	19·7	*31·2*	58	1	...	22	4	...	4	*31*	1·6	...	38·1	6·6	...	6·6	*50·9*	67·3	20	11	65·6	36·1	181
	Serampore ..	13,559	12,937	26,496	5	7	*12*	9·8	13·7	*23·6*	71	2	...	9	5	1	8	*25*	3·9	..	17·7	9·8	2·0	15·7	*49·1*	47·1	14	11	53·7	44·2	121
	Utterpara	3,046	2,464	5,510	1	1	*2*	9·4	9·4	*18·9*	100	...	.	6	2	...	...	*8*	...	...	56·6	18·9	...	...	*75·5*	47·2	2	6	34·1	146·6	27
Howrah ...	Howrah	53,153	37,660	90,813	23	22	*45*	13·2	12·6	*25·8*	104	13	1	26	9	1	10	*60*	7·4	·6	14·9	5·2	·6	5·7	*34·4*	37·8	32	28	31·3	38·7	81
	Bally	7,836	6,979	14,815	5	2	*7*	17·5	7·0	*24·6*	250	...	..	5	3	...	1	*9*	...	..	17·5	10·5	..	3·5	*31·6*	38·6	4	5	26·5	37·3	71
24-Parganas	Cossipore-Chitpur	16,080	10,214	26,294	1	3	*4*	2·0	5·9	*7·9*	33	...	...	2	...	...	1	*3*	...		3·9	...	...	2·0	*5·9*	7·9	2	1	6·5	5·1	127
	Manicktolla ...	16,536	12,112	28,648	1	3	*4*	1·8	5·4	*7·3*	33	..	.	4	...	...	...	*4*	...	.	7·3	...	...	...	*7·3*	1·8	4	...	12·6	...	No female death.
	Baranagore* ...	...	..	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
	South Suburban*	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	..		...	...	...	...	...	...	...	...	...	...	...
Nadia ...	Krishnagar ...	13,263	14,214	27,477	11	7	*18*	20·9	13·2	*34·1*	157	...	...	16	1	...	2	*19*	.	...	30·3	1·9	...	3·8	*36·0*	34·1	8	11	31·4	40·2	78
	Ranaghat	4,028	4,655	8,683	1	2	*3*	6·0	12·0	*18·0*	50	1	..	5	...	...	3	*9*	6·0	...	29·9	...	...	18·0	*53·9*	65·9	4	5	51·6	55·9	92
	Santipur	13,708	15,979	29,687	11	4	*15*	19·3	7·0	*26·3*	275	...	...	24	1	..	3	*28*	...	...	42·0	1·7	...	5·3	*49·0*	29·8	17	11	64·5	35·8	180
Jessore ...	Jessore	4,830	3,665	8,495	...	...	...	...	...	...	...	1	...	3	...	...	2	*6*	6·1	...	18·4	..	...	12·2	*36·7*	55·1	4	2	43·1	28·4	152
Murshidabad	Berhampore ...	11,657	11,948	23,605	6	5	*11*	13·2	11·0	*24·2*	120	1	...	27	...	...	...	*28*	2·2	...	59·5	...	...	...	*61·7*	39·7	17	11	75·8	47·9	158
	City Murshidabad	18,901	20,330	39,231	6	8	*14*	7·9	10·6	*18·5*	75	...	...	24	1	...	...	*25*	...	.	31·8	1·3	...	...	*33·1*	50·4	15	10	41·3	25·6	161
Khulna ...	Khulna	3,249	3,043	6,292	1	3	*4*	8·2	24·8	*33·0*	33	.	...	4	...	...	.	*4*	...	...	33·0	...	...	...	*33·0*	41·3	3	1	48·0	17·1	280
Dinajpur ...	Dinajpur	7,254	5,306	12,560	5	2	*7*	20·7	8·3	*29·0*	250	...	.	10	1	1	5	*20*	...		41·4	4·1	4·1	33·1	*82·8*	37·2	12	8	86·0	78·4	109

Rajshahi ...	Rampur Boalia ...	10,766	9,025	19,791	4	4	*8*	10·5	10·5	*21·0*	100	1	...	16	...	...	2	*19*	2·6	...	42·0	...	...	5·3	*49·9*	57·8	10	9	48·3	51·9	93
Rangpur ...	Rangpur ...	8,011	5,309	13,320	3	2	*5*	11·7	7·8	*19·5*	150	...	...	11	...	...	...	*11*	...	...	42·9	...	...	...	*42·9*	46·8	6	5	38·9	40·0	79
Bogra ...	Bogra ...	3,480	2,699	6,179	2	5	*7*	16·8	42·1	*58·9*	40	...	...	2	...	...	...	*2*	...	...	16·8	...	...	...	*16·8*	50·5	2	...	29·9	...	No female death.
Pabna ...	Pabna ...	7,701	7,566	15,267	8	6	*14*	27·2	20·4	*47·7*	133	...	...	10	...	...	3	*13*	...	...	34·0	...	...	10·2	*44·3*	17·0	8	5	54·1	34·4	157
	Sirajganj ...	11,913	9,824	21,037	12	6	*18*	29·6	14·8	*44·5*	200	...	...	8	...	...	1	*9*	...	...	19·7	...	...	2·5	*22·2*	24·7	4	5	18·5	26·5	78
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	1	...	*1*	7·4	...	*7·4*	No female birth.	...	...	7	...	...	...	*7*	...	...	51·9	...	...	...	*51·9*	44·5	4	3	45·4	64·0	71
Jalpaiguri ...	Jalpaiguri ...	4,972	2,975	7,947	1	3	*4*	6·5	19·6	*26·2*	33	...	...	4	...	...	...	*4*	...	...	26·2	...	...	...	*26·2*	72·0	4	...	41·8	...	No female death.
Dacca ...	Dacca ...	42,782	37,379	80,161	26	21	*47*	16·9	13·6	*30·5*	124	...	27	34	7	...	7	*75*	...	17·5	22·1	4·5	...	4·5	*48·7*	49·3	37	38	45·0	52·9	85
	Narainganj ...	7,605	4,956	12,561	9	4	*13*	5·8	2·6	*8·4*	225	2	...	4	2	...	6	*14*	8·3	...	16·6	8·3	...	24·8	*58·0*	24·8	9	5	61·5	52·5	117
Faridpur ...	Faridpur ...	5,663	4,600	10,263	5	2	*7*	25·3	10·1	*35·5*	210	...	...	6	1	...	...	*7*	...	.	30·4	5·0	...	...	*35·5*	15·2	7	...	64·3	...	No female death.
Backergunge ...	Barisal ...	8,701	4,485	13,186	7	3	*10*	27·6	11·8	*39·4*	233	2	...	5	...	...	1	*8*	7·9	...	19·7	...	...	3·9	*31·5*	31·5	6	2	35·9	21·2	154
Mymensingh ...	Nasirabad ...	10,443	4,413	14,856	...	...	...	...	...	...	...	...	..	7	...	...	1	*8*	...	...	24·5	...	...	3·5	*28·0*	21·0	2	6	10·0	70·7	14
Chittagong ...	Chittagong ...	13,340	8,790	22,130	11	14	*25*	25·8	32·9	*58·7*	78	1	...	11	...	1	1	*14*	2·3	...	25·8	...	2·3	2·3	*32·9*	18·8	11	3	42·9	17·7	242
Noakhali ...	Sudharam ...	3,410	1,714	5,124	1	...	*1*	10·1	...	*10·1*	No female birth.	...	...	3	...	...	1	*4*	...	..	30·4	...	...	10·1	*40·6*	30·4	3	1	45·7	30·3	150
Tippera ...	Comilla ...	8,153	5,353	13,506	9	3	*12*	34·6	11·5	*46·2*	300	23	...	5	...	...	4	*32*	85·5	..	19·3	...	...	15·4	*123·2*	63·3	19	13	121·2	126·3	96
Patna ...	Patna City ...	78,762	81,475	160,237	50	41	*91*	16·2	13·3	*29·5*	122	...	..	49	14	2	31	*96*	...	..	15·9	4·5	·6	10·1	*31·2*	24·1	55	41	36·3	26·2	138
	Bihar ...	23,799	25,172	48,971	18	12	*30*	19·1	12·7	*31·9*	150	2	3	21	2	...	8	*36*	2·1	3·2	22·3	2·1	...	8·5	*38·2*	25·5	22	14	48·1	28·9	166
	Dinapore ...	25,424	26,801	52,225	8	5	*13*	7·9	5·0	*12·9*	160	...	...	9	1	...	3	*13*	...	...	8·9	1·0	...	3·0	*12·9*	15·9	8	5	16·4	9·7	169
Gaya ...	Gaya ...	38,290	37,831	76,121	20	7	*27*	13·7	4·5	*18·4*	285	5	...	23	9	2	6	*50*	3·4	..	19·1	6·1	1·4	4·1	*34·2*	38·3	23	27	31·2	37·1	84
Shahabad ...	Arrah ...	20,960	22,505	43,465	19	13	*32*	22·7	15·6	*38·3*	146	...	...	10	2	...	11	*23*	...	..	11·9	2·4	...	13·2	*27·5*	28·7	11	12	27·3	27·7	98
	Buxar ...	9,299	8,369	17,668	6	4	*10*	17·6	11·8	*29·4*	150	...	.	7	...	...	...	*7*	...	...	20·6	...	...	...	*20·6*	20·6	2	5	11·2	31·1	36
Muzaffarpur ...	Muzaffarpur ...	23,084	19,658	42,742	20	17	*37*	24·3	20·7	*45·0*	117	...	..	28	1	...	4	*33*	...	..	34·1	1·2	...	4·8	*40·1*	40·1	15	18	33·8	47·6	71
Darbhanga ...	Darbhanga ...	33,774	32,322	66,096	21	27	*48*	16·5	21·2	*37·8*	78	...	...	15	9	...	12	*36*	...	.	11·8	7·1	...	9·4	*28·3*	24·4	21	15	32·3	24·1	134
Saran ...	Chapra ...	25,116	26,554	51,670	16	12	*28*	16·1	12·1	*28·2*	133	..	1	10	...	...	12	*23*	...	1·0	10·1	..	...	12·1	*23·2*	30·2	9	14	18·6	27·4*	68
Champaran ...	Motihari ...	6,328	3,979	10,307	3	1	*4*	15·1	5·1	*20·2*	300	...	...	8	...	...	...	*8*	...	..	40·4	...	...	...	*40·4*	70·6	6	2	49·3	26·1	189
Monghyr ...	Monghyr ...	28,154	29,366	57,520	14	17	*31*	12·7	15·3	*28·0*	52	...	1	30	5	1	10	*47*	...	·9	27·1	4·5	·9	9·0	*42·5*	32·5	22	25	40·6	44·3	91
	Jamálpur ...	7,456	6,107	13,563	8	7	*15*	30·7	26·8	*57·5*	114	...	...	4	...	...	2	*6*	...	...	15·3	...	...	7·6	*23·0*	19·1	5	1	34·9	8·5	410
Bhágalpur ...	Bhagalpur ...	34,916	33,322	68,238	18	25	*43*	13·7	19·0	*32·8*	72	1	.	46	9	...	6	*62*	·8	..	35·0	6·9	...	4·5	*47·2*	28·2	35	27	52·1	42·1	123
Purnea ...	Purnea ...	8,463	6,553	15,016	2	..	*2*	6·9	...	*6·9*	No female birth	...	...	6	1	...	2	*9*	...	..	20·8	3·5	...	6·9	*31·2*	45·0	7	2	43·0	15·9	270
Malda ...	English Bazar ...	6,289	6,141	12,430	3	3	*6*	12·5	12·5	*25·1*	100	...	...	10	1	..	2	*13*	...	..	41·8	4·2	...	8·3	*54·8*	46·0	9	4	74·4	33·9	222
Sonthal Parganas.	Deoghur ...	4,964	3,041	8,005	2	...	*2*	12·9	...	*12·9*	No female birth.	12	1	2	...	...	1	*16*	78·0	6·5	12·9	...	...	6·5	*103·9*	71·5	13	3	136·2	51·6	264
Cuttack ...	Cuttack ...	22,632	20,607	43,239	11	10	*21*	13·2	12·0	*25·3*	110	1	3	11	4	...	7	*26*	1·2	3·6	13·2	4·8	...	8·4	*31·3*	61·3	15	11	34·5	27·8	124
Puri ...	Puri ...	13,247	11,537	24,784	4	7	*11*	8·4	14·7	*23·1*	57	4	...	10	7	...	10	*31*	8·4	...	20·9	14·7	...	20·9	*65·0*	56·6	14	17	55·0	76·6	72
Balasore ...	Balasore ...	10,282	9,983	20,265	13	10	*23*	33·4	25·6	*59·0*	130	...	...	2	2	...	5	*9*	...	...	5·1	5·1	...	12·8	*23·1*	20·5	5	4	25·3	20·8	121
Hazáribágh ...	Hazáribágh ...	7,639	7,667	15,306	4	5	*9*	13·0	17·0	*30·6*	80	...	...	4	2	...	3	*9*	...	...	13·6	6·8	...	10·2	*30·6*	30·6	5	4	34·0	27·1	125
Lohardaga ...	Ranchi ...	10,101	8,342	18,443	11	1	*12*	31·0	2·8	*33·8*	1,100	...	...	11	..	...	3	*14*	...	...	31·0	...	.	8·4	*39·5*	33·8	9	5	46·3	31·2	148
Singhbhum ...	Chaibassa ...	3,126	2,880	6,006	...	...	...	...	...	...	.	...	...	5	..	...	...	*5*	.	..	43·3	...	...	...	*43·3*	...	3	2	49·9	36·1	138
Manbhum ...	Purulia ...	5,060*	4,244	9,304	2	4	*6*	11·1	22·3	*33·[illegible]*	50	...	..	4	...	...	2	*6*	...	...	22·3	...	...	11·1	*33·5*	44·7	4	2	41·1	24·5	167
	Total ...	855,180	773,450	1,628,580	497	411	*908*	15·9	13·1	*29·0*	120	88	44	717	115	9	220	*1,193*	2·8	1·4	22·9	3·7	·3	7·0	*38·5*	36·0	608	525	40·6	35·3	115

* Return not received up to date.

DISTRICTS.	NAMES OF MUNICIPALITIES.	13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
		DEATHS AMONG—					RATIO PER 1,000 OF POPULATION PER ANNUM.					DEATHS.										RATIO PER 1,000 OF POPULATION PER ANNUM.									
		Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	16	17	...	...	...	35·1	56·1	...	...	7	1	...	4	4	7	4	1	3	2	551·5	23·0	...	82·6	66·5	45·9	30·2	11·8	63·5	70·2
	Raniganj	...	27	1	...	...	...	157·3	28·3	...	...	4	1	2	3	3	7	3	1	...	4	885·1	52·9	91·9	171·4	190·7	150·1	72·6	41·6	...	498·8
Bankura ...	Bankura	...	9	3	...	...	...	27·6	151·6	...	...	2	...	...	...	...	1	2	1	1	5	219·9	...	...	...	...	15·8	39·4	28·5	47·0	261·8
Birbhum ...	Suri	...	5	3	...	...	...	44·5	75·4	...	...	5	2	...	...	...	...	...	...	1	...	1,494·3	106·7	...	...	...	...	...	...	89·2	...
Midnapore ...	Midnapore ...	...	24	6	...	...	...	44·1	43·2	...	...	2	1	2	1	6	8	6	...	1	1	140·0	22·1	27·7	17·1	98·7	56·7	56·3	...	25·2	28·4
Hooghly, including Serampore.	Hooghly and Chinsura.	...	21	10	...	...	...	43·2	84·3	...	...	9	1	2	1	2	3	3	3	4	3	552·8	23·4	36·0	21·0	41·4	25·1	27·3	37·4	80·0	75·3
	Serampore	...	23	2	...	...	...	47·4	110·9	...	...	6	3	...	1	2	2	3	2	2	4	439·4	86·4	...	23·4	47·6	19·3	31·4	30·8	54·3	140·5
	Utterpara	...	8	...	...	...	...	78·1	...	...	...	1	...	...	...	...	3	1	1	...	2	323·0	...	...	...	...	135·5	49·0	74·2	...	400·0
Howrah ...	Howrah	...	48	12	...	...	...	36·6	30·4	...	...	10	6	4	3	1	8	9	5	7	7	252·1	56·3	33·1	23·7	7·1	18·3	24·3	22·1	66·3	97·0
	Bally	...	9	...	...	...	...	34·9	...	...	...	...	1	1	1	...	3	1	1	...	1	...	52·1	48·8	43·8	...	46·6	18·6	26·9	...	71·0
24-Parganas	Cossipore-Chitpur	...	3	...	...	..	...	8·5	...	...	...	...	...	...	...	1	1	...	...	1	...	...	...	...	...	57·2	5·5	...	...	53·4	...
	Manicktola ...	...	2	2	...	...	...	6·2	9·1	...	...	2	...	...	...	...	...	1	...	...	1	1,677·6	...	...	...	..	...	6·4	...	..	54·9
	Baranagore* ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South Suburban*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nadia ...	Krishnagar ...	...	12	7	...	...	...	33·5	44·0	...	...	4	1	...	1	1	1	...	1	3	7	419·4	21·1	...	18·5	25·3	10·8	...	15·9	74·0	210·6
	Ranaghat	...	8	1	...	...	...	56·8	38·1	...	...	1	...	1	...	2	3	1	..	1	...	251·2	...	46·6	...	166·9	103·4	41·7	...	71·8	..
	Santipur ...	...	21	7	...	...	...	52·8	40·7	...	...	6	...	2	...	1	6	2	5	...	6	369·2	...	27·5	...	23·4	63·6	24·0	74·0	...	158·9
Jessore ...	Jessore	...	1	5	...	...	...	11·5	68·0	...	...	1	...	...	...	1	2	1	...	1	...	268·0	...	...	...	71·0	51·6	31·0	...	92·4	...
Murshidabad.	Berhampore ...	1	21	6	...	...	221·3	60·1	60·3	...	..	2	2	2	3	1	10	2	1	2	3	275·9	65·2	49·2	82·0	29·5	116·7	23·4	15·1	55·3	97·6
	City Murshidabad	...	16	9	...	...	...	36·6	29·6	...	...	1	2	1	1	2	1	5	3	4	5	68·2	42·2	15·1	18·1	40·2	7·1	35·8	26·7	58·6	84·0
Khulna ...	Khulna	...	3	1	...	...	...	46·9	17·1	...	...	...	...	1	...	...	...	...	...	...	3	...	...	65·4	...	...	...	...	...	...	495·2
Dinajpur ...	Dinajpur	...	6	14	...	...	...	51·5	113·6	...	...	2	1	...	1	...	4	3	5	...	4	504·9	60·2	...	52·0	...	77·2	63·1	165·8	...	325·5
Rajshahi ...	Rampur Boalia ...	...	8	11	...	...	...	42·0	58·3	...	...	2	2	2	1	...	5	2	...	...	5	258·2	73·3	50·0	28·9	...	62·6	28·9	...	...	270·0
Rangpur ...	Rangpur	...	3	8	...	...	...	24·1	68·6	...	...	...	...	...	1	2	1	3	1	1	2	...	...	...	47·0	96·7	16·4	56·7	32·9	70·7	201·9
Bogra ...	Bogra	...	2	...	...	...	...	39·0	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	74·3	90·9	...	...	...	...	...	...

Pabna ...	Pabna ...	...		9	...	...	...	29·3	57·7	...	...	2	4	1	...	1	1	2	1	1	...	261·0	142·7	30·8	...	42·3	17·9	41·7	30·5	51·4	...
	Sirajganj	...	3	6	...	...	...	18·2	25·4	...	...	3	...	1	...	1	2	...	1	1	...	259·4	...	17·0	...	31·7	28·3	...	28·2	41·6	...
Darjeeling ...	Darjeeling	...	5	...	2	...	...	56·6	...	63·0	...	...	1	...	1	...	3	1	1	...	...	...	80·9	...	106·6	...	78·0	36·3	75·1	...	...
Jalpaiguri ...	Jalpaiguri	...	...	4	...	...	...	...	57·0	...	...	...	...	...	1	1	...	...	...	1	1	...	...	...	72·0	82·0	...	...	...	125·9	165·1
Dacca ...	Dacca ...	...	32	43	...	...	...	41·3	56·9	...	...	19	14	8	1	5	8	8	4	4	9	520·5	98·7	41·9	6·5	35·6	10·2	35·7	24·8	43·9	84·0
	Narainganj	...	9	5	...	...	...	74·0	42·2	...	...	4	...	1	...	...	2	1	...	2	4	745·5	...	39·4	...	...	39·6	24·3	...	133·0	319·0
Faridpur ...	Faridpur	...	1	6	...	...	...	9·7	64·3	...	...	1	...	1	1	1	...	1	...	1	1	222·2	...	51·9	51·2	72·7	...	35·6	...	64·5	70·2
Backergunge...	Barisal ...	...	2	6	...	...	...	17·2	45·7	...	...	1	...	1	2	...	1	...	2	...	1	265·3	...	48·0	91·4	...	16·4	...	68·4	...	91·7
Mymensingh ...	Nasirabad	...	...	8	...	...	...	...	58·7	...	...	...	1	...	...	...	4	2	...	1	...	...	52·4	...	...	...	57·3	35·7	...	56·4	...
Chittagong ...	Chittagong	1	5	7	1	...	65·3	44·8	23·8	216·7	...	3	...	1	...	...	1	4	4	...	1	277·1	...	20·8	...	...	11·2	62·4	92·2	...	65·3
Noakhali ...	Sudharam	...	1	3	...	...	...	20·3	61·7	...	...	1	1	...	...	...	1	1	...	...	...	666·7	146·1	...	...	...	44·4	59·6	...	...	...
Tippera ...	Comilla ...	...	13	19	...	...	...	113·7	133·7	...	...	6	1	3	5	1	7	2	3	3	1	1,050·5	39·5	95·8	178·2	41·3	131·8	52·2	118·7	194·8	76·7
Patna ...	Patna City	...	78	18	...	...	...	34·1	22·9	...	...	15	9	1	4	1	8	6	10	11	31	181·0	32·1	8·1	14·4	4·7	14·4	13·4	27·6	40·5	116·7
	Bihár ...	...	26	10	...	...	...	40·2	34·0	...	...	11	2	2	1	1	4	2	3	3	7	385·2	18·0	17·2	10·8	17·4	29·6	14·8	30·3	43·1	101·2
	Dinapore ...	...	11	2	...	...	...	14·8	88·9	...	...	3	...	...	...	...	2	...	1	1	6	111·6	...	...	...	...	11·3	...	9·2	13·7	70·0
Gaya ...	Gaya ...	...	43	7	...	...	...	37·3	22·6	...	...	8	4	3	...	1	5	7	7	6	9	232·4	32·7	22·3	...	9·9	17·7	28·6	37·2	47·5	90·9
Shahabad ...	Arrah ...	...	16	7	...	...	...	26·8	29·3	...	...	8	3	1	...	...	4	1	1	...	5	323·0	35·2	10·1	...	...	26·5	8·1	11·1	...	90·2
	Buxar ...	...	7	...	...	...	...	26·2	...	...	...	...	...	...	...	...	1	1	1	1	3	...	...	...	...	...	16·3	17·1	24·5	47·2	144·2
Muzaffarpur ...	Muzaffarpur	...	26	7	...	...	...	45·0	29·2	...	...	5	4	2	1	...	7	3	5	1	5	272·3	51·5	23·1	13·1	...	42·4	22·4	51·9	16·0	106·8
Darbhanga ...	Darbhanga	...	26	10	...	...	...	27·9	29·6	...	...	7	4	3	1	1	3	2	5	3	7	233·8	27·3	19·9	9·4	12·9	11·7	9·3	34·9	35·6	114·0
Saran ...	Chapra ...	...	18	5	...	...	...	23·7	21·8	...	...	6	4	...	1	1	2	2	1	...	6	221·1	40·3	...	10·4	15·0	11·3	11·7	8·6	...	91·7
Champaran ...	Motihari ...	...	6	2	...	...	...	44·5	37·5	...	...	...	...	...	...	...	...	2	2	3	1	...	...	...	...	...	...	70·2	96·9	167·2	85·7
Monghyr ...	Monghyr ...	...	38	9	...	...	..	44·2	37·2	...	...	16	7	1	1	...	1	6	3	3	9	560·3	53·5	7·4	9·1	...	5·0	35·0	24·5	39·2	130·5
	Jamálpur	...	5	1	...	...	...	26·5	16·8	...	...	2	...	...	...	1	...	...	...	2	1	293·0	...	...	...	64·5	...	...	...	151·8	78·0
Bhágalpur ...	Bhágalpur	...	55	4	...	..	...	61·6	11·0	...	...	11	11	3	...	..	6	3	10	4	14	398·6	88·2	22·1	...	...	23·9	14·2	66·1	41·0	109·2
Purnea ..	Purnea ...	..	5	4	...	...	...	28·3	36·7	...	...	...	...	1	...	...	1	2	3	...	2	...	...	32·9	...	...	15·8	36·5	84·1	...	128·9
Malda ...	English Bazar	...	9	4	...	...	...	64·4	40·4	...	...	3	2	...	...	...	1	3	2	1	1	528·8	34·6	...	...	...	22·6	72·6	70·7	69·5	74·0
Sonthal Parganas.	Deoghur ...	...	15	1	...	...	...	101·2	175·1	...	...	1	...	1	...	...	4	2	2	1	5	400·0	...	73·7	...	...	110·2	64·8	111·0	104·2	680·6
Cuttack ...	Cuttack ...	...	20	6	...	...	...	30·9	40·5	...	...	1	2	1	1	2	3	4	5	2	5	50·7	27·8	10·5	12·8	25·9	17·9	34·0	57·4	33·7	88·2
Puri ...	Puri ...	...	31	...	...	...	...	65·7	...	...	...	5	1	3	...	...	3	2	2	5	10	858·1	28·9	69·6	...	...	29·5	25·7	31·3	116·5	287·9
Balasore ...	Balasore ...	...	7	2	...	...	...	21·6	33·9	...	...	4	2	...	...	...	...	...	2	...	1	393·2	55·8	...	...	...	...	...	46·8	...	44·9
Hazáribágh ...	Hazáribágh	...	5	1	...	...	...	37·8	12·6	...	...	2	1	1	...	1	1	1	...	...	2	213·6	28·6	25·9	...	46·6	20·0	24·4	...	...	124·3
Lohardaga ...	Ranchi ...	1	8	4	...	1	35·0	45·2	38·6	...	22·0	3	3	...	1	1	2	1	1	2	...	331·9	84·7	...	25·7	37·4	27·3	16·9	28·6	106·1	...
Singhbhum ...	Chaibassa ...	1	3	1	...	...	491·5	30·5	66·8	...	...	...	...	1	...	...	1	...	1	2	...	...	...	60·7	...	...	43·7	...	82·4	342·1	...
Manbhum ...	Purulia ...	1	3	2	...	...	204·8	20·0	83·3	...	...	...	2	...	1	...	...	1	1	...	1	...	116·7	...	58·0	...	...	39·7	58·9	...	151·6
	TOTAL ...	5	836	348	3	1	16·9	37·8	38·4	75·9	11·2	218	107	62	46	49	160	125	115	97	214	300·1	39·3	19·1	16·2	20·8	25·3	23·8	31·4	43·8	115·3

* Return not received up to date.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 14th March 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.,*
Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH, BENGAL.

Abstract Statement showing Tollage on Canals in Bengal classed as Minor Works and Navigation for the month of January 1892, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1891-92.						TOLLAGE, 1890-91.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs	A.	P.
Calcutta and Eastern Canals	53,194	1	6	3,08,195	3	0	52,525	1	3	2,95,116	14	9
Tolly's Nullah ...	13,572	13	3	92,696	7	0	15,256	7	0	93,831	0	3
Total ...	66,766	14	9	4,00,891	10	0	67,781	8	3	3,88,947	15	0
Orissa Coast Canal ...	7,062	13	0	43,731	6	9	5,736	0	3	51,215	2	9
Nuddea Rivers ...	9,635	0	0	1,76,894	6	6	12,064	5	3	1,78,911	5	6
GRAND TOTAL ...	83,464	11	9	6,21,517	7	3	85,581	13	9	6,19,074	7	3

CALCUTTA,
The 14*th March* 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 12*th March* 1892, *as compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 12TH MARCH 1892.			WEEK ENDING SATURDAY, THE 14TH MARCH 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	755	3,35,290	5,738	1,071	1,85,350	3,195
Jute	7	3,110	54	93	56,935	1,026
Firewood	110	61,325	886	91	55,575	727
Other articles	974	3,02,420	4,502	779	2,29,165	3,461
Total ...	1,846	7,02,145	11,180	2,034	5,27,025	8,409

EAST INDIAN RAILWAY.

Statement of Goods Traffic in Staples carried during the four weeks and two days ending 30th January 1892, as compared with the same period of 1891.

Staples.	1891. Weight.	1891. Freight.	1892. Weight.	1892. Freight.	Increase. Weight.	Increase. Freight.	Decrease. Weight.	Decrease. Freight.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
Coke ...	2,1[illegible],816	34,318	2,[illegible]3,714	32,912	19,898	......	......	1,406
Cotton, raw ...	1,68,819	1,13,520	65,723	4[illegible],167	......	......	1,03,126	68,353
Cotton twist and yarn—								
1.—European ...	7,246	8,882	8,631	9,305	1,385	423	......	......
2.—Indian ...	19,592	11,482	22,078	11,507	2,496	25	......	......
Cotton piece-goods—								
1.—European ...	1,08,657	1,26,228	1,27,154	1,37,861	18,407	11,633	......	......
2.—Indian ...	16,439	9,842	15,867	10,720	......	6,878	572	......
Drugs and chemicals—								
1.—Intoxicating other than opium ...	932	320	688	219	......	......	244	101
2.—Non-intoxicating ...	14,542	13,029	9,903	10,259	......	......	4,639	2,701
Dyes and tans—								
1.—Indigo ...	3,476	5,001	15,074	15,943	11,598	10,942	......	......
2.—Myrabolams ...	23,483	5,231	44,937	9,455	21,554	4,224	......	......
3.—Aniline dyes ...	247	155	412	466	175	311	......	......
4.—Cutch ...	1,762	635	1,237	515	......	......	525	120
5.—Paints and colours ...	8,893	2,969	14,5[illegible]8	4,542	5,615	1,573	......	......
6.—Others ...	6,959	2,518	4,161	2,111	......	......	2,828	407
Grains—								
1.—Wheat ...	2,12,310	84,920	3,95,522	1,33,350	1,83,212	48,530	......	......
2.—Rice ...	11,89,832	2,21,948	9,74,761	1,17,044	......	......	2,15,131	74,[illegible]4
3.—Jawar and bajra ...	1,39,[illegible]33	14,513	78,2[illegible]3	11,213	......	......	52,[illegible]80	3,300
4.—Gram ...	1,05,912	14,473	75,314	16,548	......	2,075	30,[illegible]98	......
5.—Indigo seed ...	95,843	42,873	1,03,659	42,429	7,8[illegible]6	......	......	
6.—Seeds other than oil-seeds ...	70,389	18,8[illegible]0	79,449	24,111	9,060	5,251	......	......
7.—Others ...	4,79,360	95,183	3,99,551	86,091	......	......	79,788	
Hides and skins—								
1.—Hides of cattle ...	71,778	42,034	57,627	37,957	......	......	14,151	[illegible]
2.—Skins of sheep, &c. ...	12,759	6,387	14,874	9,850	2,115	3,463	......	......
Horns ...	2,686	1,770	3,697	2,045	1,011	275	......	......
Jute—								
1.—Raw ...	84,117	18,377	53,324	13,853	......	......	30,793	4,524
2.—Gunny-bags and cloth ...	95,[illegible]03	44,[illegible]30	81,611	36,149	......	......	11,[illegible]2	7,890
Lac—								
1.—Stick ...	45,418	14,485	24,515	7,711	......	......	2[illegible],9[illegible]3	6,774
2.—Shell lac ...	27,838	19,3[illegible]	15,919	11,973	......	......	11,898	7,338
Leather—								
1.—Unmanufactured ...	2,176	4,103	2,167	4,273	......	170	9	......
2.—Manufactured ...	4,376	5,551	5,6[illegible]9	5,7[illegible]3	1,213	182	......	......
Liquors—								
1.—Beer ...	13,016	6,973	9,151	5,105	......	......	3,895	1,778
2.—Wines ...	3,056	6,090	2,763	5,073	......	......	292	947
3.—Spirits ...	1,860	2,023	2,331	3,151	412	528	......	......
Metals—								
1.—Copper, unwrought ...	26,520	18,130	9,197	11,411	5,787	5,930	......	......
2.—Brass, unwrought ...			3,626	2,263				
3.—Brass and copper, wrought ...			19,484	1[illegible],446				
4.—Iron ...	1,75,727	98,487	2,13,539	1,04,697	37,812	6,210	......	......
5.—Tin ...	5,993	5,325	4,867	3,871	......	......	1,036	1,454
6.—Others ...	12,053	10,419	12,741	9,310	688	......	......	1,109
Oils—								
1.—Castor ...	2,759	476	3,406	935	746	459	......	......
2.—Kerosine ...	1,07,119	54,891	1,26,477	62,284	19,358	7,393	......	......
3.—Others ...	7,332	2,824	7,954	3,547	622	723	......	......
Oil-seeds—								
1.—Linseed ...	3,34,679	1,10,132	1,26,902	46,033	......	......	2,07,777	64,099
2.—Rape and mustard ...	1,08,193	22,[illegible]3	65,919	14,564	......	......	42,274	7,729
3.—Til or jinjili ...	8[illegible],628	20,237	51,046	12,639	......	......	38,582	7,607
4.—Castor ...	23,769	5,665	54,148	14,767	30,398	8,102	......	......
5.—Poppy ...	15,345	5,789	28,074	8,759	12,680	2,970	......	......
6.—Others ...	18,343	3,889	14,434	4,458	......	569	3,914	......
Opium ...	82,495	84,289	30,290	31,901	......	......	52,205	52,388
Paper and paste board ...	7,903	5,462	9,624	6,929	1,721	1,467	......	......
Provisions—								
1.—Ghee ...	84,859	34,955	33,505	23,521	......	......	1,354	11,334
2.—Dried fruits and nuts ...	32,[illegible]97	28,416	20,[illegible]04	26,639	......	......	3,595	1,777
3.—Cocoanuts ...	7,716	4,016	1[illegible],989	2,9[illegible]4	3,273	......	......	1,062
4.—Turmeric ...	11,682	5,809	9,941	5,116	......	......	1,742	693
5.—Others ...	98,965	40,917	95,929	36,6[illegible]5	......	......	3,036	4,263
Salt ...	4,52,2[illegible]8	96,718	4,16,[illegible]02	98,365	......	1,647	36,026	......
Saltpetre, &c.—								
1.—Saltpetre ...	56,777	29,803	77,878	33,194	21,101	3,391	......	......
2.—Borax ...	7,912	3,[illegible]80	3,218	2,366	......	......	4,694	1,614
3.—Other saline substances ...	2[illegible],489	8,211	34,301	9,940	4,812	1,729	......	......
Silk, raw—								
1. Foreign ...	11	27	9	4	......	......	2	23
2. Indian ...	4,051	2,026	3,850	1,869	......	......	192	157
Silk piece-goods—								
1.—Foreign ...	18	19	9	17	......	......	9	2
2.—Indian ...	1,071	1,009	536	751	......	......	535	2[illegible]8
Spices—								
1.—Pepper ...	3,413	3,835	3,2[illegible]3	3,170	......	......	180	665
2.—Other ...	19,3[illegible]7	10,420	25,933	13,830	6,566	3,410	......	......
Sugar—								
1.—Drained ...	34,629	13,147	19,312	8,262	......	......	15,317	4,885
2.—Undrained ...	6,12,4[illegible]3	87,946	4,97,5[illegible]0	89,2[illegible]9	......	1,343	1,14,9[illegible]	......
Stone and lime ...	3,62,060	50,790	2,24,964	30,685	......	......	1,37,096	20,105
Tea—								
1.—Foreign ...	2	1	3	2	1	1	......	......
2.—Indian ...	2,250	2,090	2,157	1,746	......	......	93	344
Timber, &c.—								
1.—Timber ...	41,310	9,720	1,66,[illegible]58	28,119	1,24,948	18,390	......	......
2.—Firewood ...	14,389	1,6[illegible]7	30,822	2,028	16,433	491	......	......
Tobacco ...	16,921	6,706	21,849	10,260	4,928	3,554	......	......
Umbrellas ...	490	757	658	1,038	168	281	......	......
Wool—								
1.—Raw ...	2,187	2,172	2,249	2,167	62	......	......	5
2.—Piece-goods—								
a.—European ...	751	707	1,341	1,179	590	472	......	......
b.—Indian ...	2,409	2,214	2,040	2,181	......	......	369	33
3.—Shawls ...	4	20	......	......	......	......	4	20
All other articles of merchandise ...	3,31,215	93,588	4,63,237	1,67,675	1,32,022	68,087	......	......
Total ...	64,40,094	19,94,249	59,02,419	18,51,528	......	......	5,37,675	1,42,721
Military stores ...	19,909	41,909	19,002	30,078	......	......	907	11,831
Coal—								
1.—For public ...	36,16,842	5,62,306	40,01,115	5,87,686	3,84,273	25,380	......	......
2.— " Railway ...	4,88,557	28,102	4,94,700	64,580	6,143	20,478	......	......
Railway Materials—								
1.—For construction and revenue ...	7,26,607	34,854	6,61,248	25,775	......	......	65,359	9,079
Live-stock ...	......	8,509	......	8,600	......	91	......	......
Total ...	1,12,92,000	26,79,029	1,10,78,484	25,68,147	......	......	2,13,525	1,11,782

E. WEATHERDON, *Assistant Auditor.*

TRAFFIC AUDIT OFFICE, GOODS DIVISION, JAMALPUR, *the 7th March* 1892.

EASTERN BENGAL STATE RAILWAY.

Abstract of principal commodities carried over the Eastern Bengal State Railway during the month of December 1891, *as compared with the same month of the previous year.*

STAPLES.	1891.		1890.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1891.	1890.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal	6,388	10,900	6,737	2,017	30,008*	13,721*	16,287	......
Cotton, raw	28	99	111	846	127	957	......	830
Cotton twist and yarn—								
1.—European								
2.—Indian								
Cotton piece-goods—								
1.—European—								
a.—In bales and bundles	3,229	174	2,883	151	3,403	3,034	369	......
b.—In boxes								
2.—Indian—								
a.—In bales and bundles								
b.—In boxes								
Grains—								
3.—Rice	4,741	1,032	1,765	2,409	6,673	4,174	2,499	......
5.—Others	2,112	5,509	2,098	5,569	7,621	7,667	......	46
Hides and skins—								
1.—Hides of cattle—								
a.—Dressed								
b.—Undressed								
2.—Skins of sheep, &c.—	4	605	8	826	609	834	......	225
a.—Dressed								
b.—Undressed								
Jute—								
1.—Raw—								
a.—Screwed	......	6,760	......	7,896	6,760	7,896	......	1,136
b.—Unscrewed	10	21,690	135	30,189	21,700	30,324	......	8,624
2.—Gunny-bags and cloth	364	1,779	264	2,213	2,143	2,477	......	334
Metals—								
1.—Copper, unwrought								
2.—Brass, unwrought								
3.—Brass and copper, wrought	1,147	106	1,115	70	1,253	1,185	68	......
4.—Iron								
5.—Tin								
6.—Others								
Oils—								
2.—Kerosine	1,680	17	1,385	4	1,697	1,389	308	......
3.—Others	272	21	277	58	293	335	......	42
Oil-seeds—								
1.—Linseed								
2.—Rape and mustard								
3.—Til or gingelly								
4.—Niger	312	1,585	160	1,300	1,897	1,460	437	......
5.—Castor								
6.—Poppy								
7.—Others								
Provisions—								
2.—Betel-nuts	119	1,102	97	941	1,221	1,038	183	......
3.—Others	765	284	730	147	1,049	877	172	......
Railway plant and rolling-stock	......	......	......	......	8,963†	13,321†	......	4,358
Salt	3,100	34	3,233	22	3,134	3,255	......	121
Sugar—								
1.—Drained	1,396	209	1,660	246	1,605	1,906	......	301
2.—Undrained								
Tea—								
1.—Foreign	5	1,779	4	1,815	1,784	1,819	......	35
2.—Indian								
Wood—								
1.—Timber	189	370	216	73	559	289	270	......
2.—Firewood	1,591	......	1,949	......	1,591	1,949	......	358
Tobacco	112	416	102	1,155	528	1,257	......	729
All other articles of merchandise—								
1.—Unmanufactured	3,991	2,799	4,090	2,337	6,790	7,027	......	237
2.—Manufactured								
Hay, straw, and wooloo (C. & S.-E. Sections)...	635	......	561	......	635	561	74	......
Total ...	32,190	64,260	30,180	60,284	112,043	108,752	20,667	17,376

* Includes 6,631 tons and 4,967 tons during 1891 and 1890, respectively, carried for Revenue, for which no "Up" and "Down" register maintained.

† Railway plant and rolling-stock 8,963 tons and 13,321 tons for the year 1891 and 1890, respectively, for which no "Up" and "Down" register maintained.

Statement of principal commodities carried on the Eastern Bengal State Railway during the month of December 1891.

INCREASES.

	Tons.
Coal	16,287
Partly due to provision for brick-burning.	
Rice	2,499
The chief increase is in despatches from Goalundo, Joypurhat and Nawabganj. This is due to a rise in prices in the northern districts.	

DECREASES.

	Tons.
Jute, screwed	1,136
Haldibari and Mymensingh show the principal decreases.	
Jute, unscrewed	8,624
The decrease was general among jute-booking stations on the several sections, due to short crop.	
Railway plant and rolling-stock	4,368
Due to fewer repairs and renewals.	

HARRY STUART,
Examiner of Accounts.

CALCUTTA, *the* 23*rd February* 1892.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 5th March 1892, on 1,525½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	279,831	3,20,792 0 0	28,94,527 30	6,53,611 8 0	16,216 9 0	9,90,620 1 0	73,357½	107,452½	180,809 ½
Or per mile of railway	......	210 4 7	.....	428 7 4	10 10 1	649 6 0	......	......	.....
For previous 8 weeks of half-year	2,327,034	26,74,877 12 0	2,28,33,230 30	51,97,395 2 6	1,58,929 9 0	80,31,202 7 6	614,010½	827,925	1,441,935½
Total for 9 weeks ...	2,606,865	29,95,669 12 0	2,57,27,758 20	58,51,006 10 6	1,75,146 2 0	90,21,822 8 6	687,367½	935,377½	1,622,745
Comparison									
Total for corresponding week of previous year	267,709	3,13,020 5 8	28,00,547 30	6,85,059 5 0	19,841 15 9	10,17,921 10 5	72,295	104,346	176,641
Per mile of railway corresponding week of previous year ...	......	205 3 1	......	449 1 2	13 0 1	667 4 4	......	......	.....
Total to corresponding date of previous year	2,738,304½	33,22,653 1 3	2,50,74,496 0	59,03,931 10 10	1,94,061 15 3	94,25,015 11 4	718,294	907,469	1,625,753

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 5th March 1892, on 57½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*12,789	*6,903 14 0	66,647 0	4,085 9 0	47 0 0	11,036 7 0	1,687	707	2,394
Or per mile of railway	224	129 11 2	1,165 10	71 6 10	0 13 1	192 15 1	......	......	......
For previous 8 weeks of half-year	121,728	66,949 10 0	3,89,549 30	26,210 7 0	430 0 0	93,590 1 0	14,925	6,628	21,553
Total for 9 weeks ...	134,517	73,853 8 0	4,56,196 30	30,296 0 0	477 0 0	1,04,626 8 0	16,612	7,335	23,947
Comparison.									
Total for corresponding week of previous year	14,586½	8,053 12 6	41,134 0	3,228 7 0	41 8 9	11,323 12 3	1,677	717	2,394
Per mile of railway corresponding week of previous year ...	255	140 12 10	719 10	56 7 1	0 11 7	197 15 6	......	......	......
Total to corresponding date of previous year	184,322½	1,11,639 12 2	3,79,412 10	26,077 4 0	543 12 3	1,38,865 12 5	15,307	7,620	22,927

* The decrease is in Gaya pilgrims.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 5th March 1892, on 22½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	20,096	5,122 2 0	18,679 10	724 14 0	10 0 0	5,857 0 0	846	122	968
Or per mile of railway	......	230 3 4	......	32 9 3	0 7 2	263 3 9	......	......	......
For previous 8 weeks of half-year	169,839	43,799 6 0	1,37,426 30	5,049 11 9	95 0 0	48,944 1 9	7,510	718	8,228
Total for 9 weeks ...	189,935	48,921 8 0	1,56,106 0	5,774 9 9	105 0 0	54,801 1 9	8,356	840	9,196
Comparison.									
Total for corresponding week of previous year	21,084	5,600 15 5	13,749 20	469 8 0	27 0 0	6,097 13 5	859	109	968
Per mile of railway corresponding week of previous year ...	......	251 11 8	......	21 1 8	1 3 8	274 1 0	......	......	......
Total to corresponding date of previous year	243,443	65,695 13 7	1,28,791 20	4,409 5 0	100 8 0	70,205 10 7	8,913	965	9,878

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Behar Sections.)

Approximate Return of Traffic for week ended 5th March 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	186,208	82,610 0 0	5,40,668 0	81,960 0 0	8,640 0 0	1,73 210 0 0	29,090	26,421	55,481
Or per mile of railway	240	106 0 0	696 0	106 0 0	†1 0 0	213 0 0	......	......	......
For previous 8 weeks of half-year*	1,412,371	6,97,113 0 0	46,47,008 0	7,06,658 0 0	1,07,285 0 0	15,11,056 0 0	234,174	231,655	465,829
Total for 9 weeks ...	1,598,579	7,79,723 0 0	51,87,676 0	7,88,618 0 0	1,15,925 0 0	16,84,266 0 0	263,174	258,076	521,250
Comparison.									
Total for corresponding week of previous year	192,958	83,181 0 0	6,45,871 0	1,33,306 0 0	19,690 0 0	2,36,177 0 0	29,708	34,006	63,714
Per mile of railway corresponding period of previous year ..	248	107 0 0	831 0	172 0 0	†6 0 0	285 0 0	......	......	......
Total to corresponding date of previous year	1,975,264	12,33,924 0 0	63,48,665 0	12,36,920 0 0	3,02,995 0 0	27,73,839 0 0	294,261	329,776	634,037

* Audited up to week ending 23rd January 1892.
† Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 5th March 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	36,076	11,600 0 0	52,913 0	3,620 0 0	110 0 0	15,320 0 0	3,542	2,130	5,672
Or per mile of railway ..	296	93 0 0	423 0	29 0 0	1 0 0	123 0 0	......	......	......
For previous 8 weeks of half-year*	233,316	85,914 0 0	5,10,823 0	31,866 0 0	812 0 0	1,18,592 0 0	28,697	18,834	47,081
Total for 9 weeks ...	270,292	97,504 0 0	5,63,736 0	35,486 0 0	922 0 0	1,34,912 0 0	32,230	20,464	52,703
Comparison.									
Total for corresponding week of previous year ...	34,513	10,537 0 0	65,005 0	3,731 0 0	—97 0 0	14,171 0 0	3,542	2,130	5,672
Per mile of railway corresponding week of previous year ..	276	84 0 0	520 0	30 0 0	—1 0 0	113 0 0	......	......	......
Total to corresponding date of previous year	316,098	1,61,762 0 0	5,74,092 0	32,027 0 0	638 0 0	1,94,427 0 0	33,610	21,682	55,292

* Audited up to week ending 23rd January 1892.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 5th March 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	19,121	5,910 0 0	11,792 0	1,130 0 0	90 0 0	7,130 0 0	2,400	854	3,254
Or per mile of railway	222	69 0 0	137 0	13 0 0	1 0 0	83 0 0	......	......	......
For previous 8 weeks of half-year*	142,295	45,933 0 0	92,375 0	10,154 0 0	747 0 0	56,834 0 0	19,749	6,879	26,618
Total for 9 weeks ...	161,416	51,843 0 0	1,04,167 0	11,284 0 0	837 0 0	63,964 0 0	22,149	7,733	29,873
Comparison.									
Total for corresponding week of previous year	19,121	6,465 0 0	36,952 0	3,675 0 0	274 0 0	10,414 0 0	2,414	1,110	3,524
Per mile of railway corresponding week of previous year ...	222	75 0 0	430 0	43 0 0	3 0 0	121 0 0	......	......	......
Total to corresponding date of previous year	185,919	70,888 0 0	3,78,849 0	35,436 0 0	1,913 0 0	1,08,232 0 0	24,066	14,171	38,237

* Audited up to week ending 23rd January 1892.

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 5th March 1892, on 27½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,476	1,230 0 0	12,207 0	510 0 0	20 0 0	1,760 0 0	507	552	1,059
Or per mile of railway	128	45 0 0	448 0	19 0 0	1 0 0	65 0 0	......	......	......
For previous 8 weeks of half-year*	27,130	9,419 0 0	1,06,079 0	5,771 0 0	206 0 0	15,396 0 0	3,777	4,169	7,946
Total for 9 weeks ...	30,606	10,649 0 0	1,18,286 0	6,281 0 0	226 0 0	17,156 0 0	4,284	4,721	9,005
Comparison.									
Total for corresponding week of previous year	3,502	1,237 0 0	9,887 0	635 0 0	14 0 0	1,886 0 0	507	579	1,086
Per mile of railway corresponding week of previous year ...	129	45 0 0	363 0	23 0 0	1 0 0	69 0 0	......	......	......
Total to corresponding date of previous year	39,835	15,172 0 0	1,17,901 0	5,808 0 0	137 0 0	21,117 0 0	5,545	5,365	10,910

* Audited up to week ending 23rd January 1892.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhoot State Railway.)

Approximate Return of Traffic for the week ending 27th February 1892, on 753 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 753 miles open	82,630	37,830	3,33,910	46,060	9,390	93,220	11,629	16,544	28,173
Or per mile of railway	109·76	50·24	443·44	61·19	12·47	123·80	......	......	......
For previous 7¾ weeks of half-year	588,810	2,55,580	23,43,480	3,07,720	62,340	6,25,640	83,078	118,755	201,833
Total for 8¾ weeks .	671,480	2,93,410	26,77,390	3,53,720	71,730	7,18,860	94,707	135,299	230,006
Comparison.									
Total for corresponding week of previous year on 705 miles open	77,468	33,070	5,16,628	73,918	9,411	1,16,399	12,014	21,829	33,843
Per mile of corresponding week of previous year	109·88	46·91	732·81	104·85	13·35	165·11	......	......	......
Total to corresponding date of previous year	842,765	3,71,191	33,51,161	4,89,580	71,971	9,23,542	90,084	167,403	258,987

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 27th February 1892	12,813	0	0
Corresponding period of 1891	7,967	0	0
Increase	4,846	0	0
Receipts per mile for week ending 27th February 1892	251	3	9
Corresponding period of 1891	156	3	5
Increase	95	0	4
Receipts from 1st January to 27th February 1892	69,919	0	0
Corresponding period of 1891	64,308	0	0
Increase	5,611	0	0

Printed and published by Edwin Morris Lewis at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 16th March 1892.

[REGISTERED No. 29.]

No. 12 of 1892.

SUPPLEMENT TO
The Calcutta Gazette.

WEDNESDAY, MARCH 23, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

IMPROVEMENT OF SANSKRIT TOLS IN BENGAL.

GENERAL DEPARTMENT—EDUCATION.

Calcutta, the 21st March 1892.

RESOLUTION No. 857.

READ the following papers on the subject of Sanskrit *tols* in Bengal:—

Letter from the Director of Public Instruction, No. 6726, dated the 5th December 1890.

Letter to the Director of Public Instruction, No. 24, dated the 12th January 1891.

Letter from the Director of Public Instruction, No. 9, dated the 17th January 1892, and its enclosure, from Mahamahopádhyáya Mahesa Chandra Nyáyaratna, C.I.E., Principal of the Sanskrit College, Calcutta.

The Principal of the Sanskrit College was deputed, under the orders of this Government, on a tour of inspection of Sanskrit *tols* in Bengal, the object of the inspection being to ascertain by personal enquiry which of the *tols* in the districts visited by him have the highest reputation, to report all necessary details regarding those *tols*, and, on the completion of his investigation, to submit recommendations for the encouragement of teachers and pupils at these institutions.

2. The report since received contains many interesting details regarding the constitution of the *tols*, the course of studies pursued in them, and the special characteristics which distinguish those of Bengal, Bihár, and Orissa. In the Province of Bihár, which Pandit Mahesa Chandra Nyáyaratna first visited, Sanskrit studies are, it is reported, at a low level. There is greater irregularity in the working of the *tols* in this particular portion of the Province than in other

parts, owing to the greater poverty of the Bihár pandits, which compels them to go about visiting wealthy people and receiving gifts from them, to the necessary interruption of their work of teaching. It is not that gifts are not made to pandits in Bihár by noblemen and other wealthy people, but that such gifts, not being so systematic as they are in Bengal, afford the Bihár pandits less help than the Bengal pandits receive. Most of the Rajas of Bihár maintain, however, certain *tols* in their own towns, paying regular salaries to the pandits, and in some cases allowing free board also to the students. The Maharaja of Darbhanga already spends annually a large sum on the support of Sanskrit studies, and on the occasion of the visit of Pandit Mahesa Chandra Nyáyaratna he further signified his desire to establish a Sanskrit College at Darbhanga, and to make it a centre for the Title Examination. Associations have also been established in several places in Bihár with a view to promoting Sanskrit studies.

3. Of the three districts of the Orissa Division, Balasore has no *tols*. There are several in the Puri district and a few in Cuttack. The Jajpur subdivision of the latter differs greatly from the rest of the province in the matter of Sanskrit learning. It has long been noted as a Sanskrit centre. Vedic ceremonies have obtained here for many ages, there being even now two "*Agnihotri*" Brahmans who observe the "*Agnihotra*" ceremony, *i.e.*, keep the fire which was lighted at their birth perpetually burning, and perform the *Homa* ceremony with this fire morning and evening. This will continue till the death of each, when his cremation pile will be lighted from the fire so maintained. The Principal reports that in Orissa Sanskrit learning is at a lower level even than in Bihár, but that the institution of the Title Examination has given some impetus to the study of Sanskrit literature; that those who obtain titles on the result of this examination are held in honour in the province; and that the possession of a title is a passport also to employment in Government and private schools. The Puri and Dhenkanal Sanskrit Pathsalas alone send up candidates to the Title Examination. The rules in connection with the Title Examination are little known in the Province, except at Puri and Dhenkanal, and this, together with the absence of any local systems of examination, such as exist in Bengal and Bihár, operates prejudicially in the Province. The present low ebb of Sanskrit teaching in Orissa is the more to be regretted, as it appears that in old times pandits were very liberally patronised by the Rajas, so much so that they received numerous rent-free grants of villages, certain parts of which were marked out for the exclusive residence of Brahman families devoted to the practice of religious rites or to the cultivation of Sanskrit learning.

At Puri, besides the Sanskrit pathsala, there are *maths* and *tols*, where Sanskrit teaching is carried on. A "math" is properly a convent of monks presided over by a *Swámí* or *Mahant*, the *Swámí* being absolute ruler of the *math* and owner of its property; but in the course of time the *maths* in Orissa have become places of instruction for students of Sanskrit.

The report notices as a peculiar feature of a few of the *tols* in the Puri district that, contrary to the inherent principle of a *tol*, the pandits, so far from teaching, lodging and boarding their pupils free, receive trifling fees of one, two or even three annas a month from each of the students.

4. In the Province of Bengal, which has always been especially celebrated for the study of the Nyáya philosophy, the renowned seats of Sanskrit learning are Nadia, Bikrampur, Bakla Chandradwip, Tribeni, Bhatpara, and Khanakul-Krishnagar. In Bengal, as a rule, pandits lodge and feed their pupils, the practice of old being for zamindars to make grants in perpetuity of rent-free land to pandits noted for their learning. It was mainly rent-free land that enabled pandits to support their families and bear, besides, the expense of free lodging and boarding for their pupils. Grants of rent-free lands have now to a great extent gone out of fashion, and have almost entirely ceased. Money contributions or gifts of rice to *tol* pandits continue to be regularly made by some patrons of Sanskrit learning, though such instances also are said to be at the present time few in number. The resources of pandits consist now chiefly of gifts called *vidáya*, received from wealthy people of good caste, at *sráddhas*, marriages, the consecration of temples and tanks, return from pilgrimages, &c. Of late also certain patrons of Sanskrit learning have established institutions for the prosecution of Sanskrit studies, in which the teachers receive fixed salaries and the pupils receive stipends. The *tols* of Nadia, originally

brought into being by royal initiative and long maintained by royal patronage, came to be maintained by Hindu zamindars after the Musalman conquest of the land. Owing, however, to the steady decline in Nadia, as elsewhere in Bengal, of grants of rent-free land and money gifts by Hindu zamindars and other wealthy Hindus, the numbers both of *tols* and pupils in that place have been gradually diminishing.

5. Besides the *tols*, there are institutions, religious and secular, managed either by local associations or by individual patrons, that have been engaged in promoting the study of Sanskrit. Twenty such institutions exist already in Bihár, five in Bengal, and one in Orissa. Of these five are examining Associations, namely (1) the Dacca Sárasvat Samaj; (2) the Bihár Sanskrit Sanjivan; (3) the Boaliya Dharma Sabha; (4) the Nadia College of Pandits; and (5) the Bhatpara Pariksha Samaj. All these Associations are said to have promised co-operation in any measures that may be taken by Government for the improvement of *tols* and the encouragement of Sanskrit learning; and in the following scheme it is proposed to make use of some or all of these associations, as well as of others that may hereafter be established with an approved organization, in holding examinations and in distributing rewards in accordance with the results

6. With a view to the revival of Sanskrit study in these indigenous *tols*, specific proposals have been made by Mahamahopádhyáya Mahesa Chandra Nyáyaratna and approved by the Director of Public Instruction, which may be classified as follows:—

First—A provision for large salaries or stipends (non-pensionable) to the teachers of a few selected *tols* or other institutions for the study of Sanskrit; and

Second—A system of rewards in the form of small stipends to be awarded annually to teachers and pupils on the results of periodical examinations; the stipends to teachers being tenable for one year, and those to pupils for two years, a term which may be extended to three years in the case of Nyáya students.

7. The details of the proposals under the first and second heads are as follows:—

First head.	Total per annum. Rs.
Three stipends to Nadia *tols*, at Rs. 100, Rs. 60, and Rs. 50 a month	2,520
One stipend at Revilganj at Rs. 40	480
Ditto at Puri, Rs. 30	360
	3,360

Second head. (*a*) *Rewards to teachers.*	Rs.
Stipends to 20 teachers on the results of the first examination, at Rs. 6 a month each, and 20 teachers at Rs. 8 a month each ...	3,360
Stipends to 15 teachers on the results of the second examination, at Rs. 10 each a month, and 15 teachers at Rs. 12 each a month	3,960
Total ...	7,320

(*b*) *Rewards to pupils.*	Annual cost. Rs.
On the results of the first examination, stipends to 100 pupils at Rs. 2 a month each	2,400
On the results of the second examination, stipends to 30 pupils at Rs. 3 a month each, and 30 pupils at Rs. 4 a month each...	2,520
	4,920

Of the grants included under the first head, it is suggested that the first and third of the Nadia stipends, as well as the stipends proposed for Revilganj and Puri, should be allotted to *tols* which devote themselves especially to the study of *Nyáya*, while the second of the Nadia stipends (Rs. 60) is intended for a *tol* in which *Smriti* (Hindu law) is the main study.

8. The present sanctioned expenditure amounts to Rs. 3,400, thus made up—

	Rs.
Allowance to *tol* students at Nadia, at Rs. 200 a month ...	2,400
Grant to Dacca Sarasvat Samaj	500
Grant to Bihár Sanskrit Sanjivan	500
	3,400

Of this amount it is asked that the first item may be continued, on the understanding that payments are in future made only to students of *Nyáya* and *Smriti* not resident in the town of Navadwip or its neighbourhood; but it is agreed that the second and third items may cease on sanction being accorded to the proposals formulated in the preceding paragraph. The total expenditure will therefore amount to Rs. 18,000 a year (Rs. 3,360 + Rs. 7,320 + Rs. 4,920 + Rs. 2,400), or Rs. 14,600 in excess of the present expenditure.

9. The Lieutenant-Governor has read with much interest the report of Pandit Mahesa Chandra Nyáyaratna and of the Director of Public Instruction on the subject of Sanskrit *tols* in Lower Bengal, and desires that the thanks of Government may be conveyed to the Pandit. As regards financial provision for carrying out the proposals, the Lieutenant-Governor directs that in addition to the allowance of Rs. 200 a month now paid to *tol* students at Nadia, the following arrangements shall be made:—

(*a*) Five stipends to *tols*, costing Rs. 3,360, will be awarded during the year 1892-93, the cost being met from savings in the Education Budget for that year.

(*b*) During the year 1892-93, on the result of examinations conducted by the recognised Associations, the whole of the rewards to teachers and one-half of the rewards to pupils will be awarded, *i.e.* Rs. 7,320 *plus* half of Rs. 4,920, or Rs. 9,780. This sum will have to be paid in the year 1893-94, so that in that year there will be required Rs. 3,360 *plus* Rs. 9,780, or Rs. 13,140.

(*c*) In 1893-94, examinations will again be held by the Associations for rewards to teachers and the remaining half of the rewards to pupils, and in 1894-95—

	Rs.
A provision will have to be made for	13,140
And the rest of the rewards to pupils	2,460
	15,600

(*d*) Provision should be made in due course in the Education Budgets of the years 1893-94 and 1894-95 for the additional sums of Rs. 13,140 and Rs. 15,600, that is, for a total expenditure of Rs. 18,000 in the latter year.

10. The Director of Public Instruction will be desired to submit hereafter for the orders of Government a scheme for the distribution of the rewards for teachers and pupils among the different Associations of the province, to be by them awarded, for 1893-94 and subsequent years, on the results of the examinations held by them. The Director will also be requested to settle, in communication with the Principal of the Sanskrit College and the local Associations, the subjects and standards of the different examinations, and the centres at which they are to be held.

11. The Lieutenant-Governor desires also to invite the co-operation and support of the wealthy nobility and gentry in Bengal in the furtherance of the study of Sanskrit, which the Government is anxious to encourage by the means above described.

ORDER.—Ordered that a copy of this Resolution be forwarded to the Director of Public Instruction for information and guidance, and for communication to Pandit Mahesa Chandra Nyáyaratna, and also to the Financial Department of this Office.

Ordered also that a copy of the Resolution be published in the *Calcutta Gazette.*

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,

Secretary to the Government of Bengal.

No. 9, dated Calcutta, the 17th January 1892.

From—SIR ALFRED CROFT, K.C.I.E., Director of Public Instruction, Bengal,
To—The Secretary to the Government of Bengal, General Department.

IN continuation of my No. 6745, dated the 3rd December 1891, I have the honour to submit the accompanying report by Mahámahopádhyáya Mahes Chandra Nyáyaratna, C.I.E., Principal of the Sanskrit College, Calcutta, communicating the results of the inspection of Sanskrit *tols* throughout Bengal, which he was instructed to undertake in Mr. Maude's letter No. 24, dated the 12th January 1891. The supplementary instructions which I issued to the Pandit in accordance with those orders were submitted to Government with my letter No. 434, dated the 22nd January 1891.

2. The report contains many interesting details hitherto unpublished, regarding the constitution of the *tols*, the course of studies pursued in them, and the special characteristics which distinguish the *tols* of Bengal, of Bihar, and of Orissa. A full account is given of the various associations, religious or secular, which have been established in recent years for the promotion of Sanskrit study; of the Sanskrit schools maintained by these associations as well as by individual patrons of learning; of the examinations conducted by them, either independently of or in subordination to the Sanskrit Title examination held annually in Calcutta and other centres; and of the effect of such examinations in maintaining and stimulating the systematic study of Sanskrit. The newly-formed association known as the "Nadiya College of Pandits," the declared object of which is to combine the schools and studies of Nadiya into an organised institution, comes in for some candid criticism. The causes which have led to the decline of the *tols* and of the indigenous study of Sanskrit in recent years are discussed; and the report concludes with some general recommendations for reviving Sanskrit studies in the future, by a system of stipends to be awarded to a few selected teachers, and of rewards after examination to be paid to teachers and pupils alike.

3. Before considering the specific proposals which the Mahámahopádhyáya has made for the expenditure of Government money on the *tols* of Bengal, it is necessary to enquire whether there is reason to believe that such expenditure would have the desired effect, namely, a revival of Sanskrit study in these indigenous institutions. In the following extract from paragraph 81 of the report, Pandit Mahes Chandra Nyáyaratna, while clearly explaining the causes of the present decay, declares that it can only be arrested by very liberal help from outside:—

"The old custom of sons pursuing the calling of the father, which made pandits' sons grow up to be pandits unless they happened to lack the mental power to do so, is losing its hold upon the country, and pandits' sons are accordingly being trained up for secular callings that promise better prospects from a worldly point of view than the calling of a pandit. Thus it is that families of pandits in Bengal have all been tending to assimilate themselves to the other Brahman families of the province, *i.e.*, have all been tending towards secular callings that hold out prospects of pecuniary gain. Most of the best pandits of Bengal, all the Mahámahopádhyáyas without exception, have trained up or are training up their sons or grandsons for other callings than their own—have given them or are giving them, in fact, an English education. It is but natural that men should prepare their sons for such walks of life as they think would be most advantageous to them, and this is what the pandits of Bengal have been doing. Non-pandit Brahman families hardly ever think of training up any juvenile member at a *tol* for the career of a pandit. Our *tols* are thus being threatened with a stoppage of supply of boys. An utter stoppage of supply is not likely to occur in the near future, but matters appear to be clearly tending to this. The aggregate intellectual capacity of the present generation of *tol* students is lower than that of the past generation as unquestionably, I think, as the number is lower; and this deterioration in quality and decrease in number, judging from present circumstances, tend to be progressive. To arrest this decline very liberal help from individuals and from the State would be needed."

The writer himself supplies a significant illustration of the tendency of the younger generation of pandits to forsake the calling of their ancestors. Himself the descendant of a long line of pandits, he is the last of his race, and his three sons are distinguished students of the Calcutta University. The question of chief importance is whether any aid that Government or that private individuals or associations would be likely to afford, could have any sensible effect in arresting this tendency. It may readily be admitted that in

the case of men like Pandit Mahes Chandra Nyáyaratna, who have achieved distinction in paths that lead away from the simple surroundings of a *tol*, and whose lives are more largely affected by the influences and the interests of modern civilisation, it would have no such effect. But for the others—for the young Brahmans, sons of pandits of the old stamp, who have formed, and must always form, the backbone of the *tol* system—what effect would a fairly liberal system of aid have upon them? Our educational returns show some 16,000 or 17,000 students of *tols*, but only a small proportion of these intend to devote their lives to Sanskrit; the rest merely spend a year or two in a *tol* in order to acquire a rudimentary knowledge of the language before proceeding elsewhere for the studies that pay. We have to consider the probable effect of the proposals upon the pandit class—upon those who by the tradition of generations have become the repositories of indigenous Sanskrit learning. It is not enough, however, to show that the immediate result of instituting a system of stipends would be to attract to the *tols* a number of pupils of this class who now, owing to the difficulty of securing a maintenance during a further period of study, have to be take themselves to other callings. It is necessary to show further that, after the period of pupilage is past, such men, or a sufficient number of them, will continue to pursue the same path, no longer as students but as teachers. But these two questions are in reality one. The *tols*, it is urged, are falling away for want of pupils and of the funds for their maintenance. Provide a widespread system of stipends, and pupils will be attracted by the hope of gaining them. Provide qualified pupils and a provision for their maintenance, and there will be no lack of teachers.

4. I now turn to the specific proposals which the Pandit has made for giving effect to these principles. They are not fully contained in his report, but have been elaborated in subsequent conferences that I have had with him on the subject. They consist of two portions; the first, a provision for large salaries or stipends (non-pensionable) to the teachers of a few selected *tols* or other institutions for the study of Sanskrit; the second a system of small stipends to be awarded annually or for short terms to teachers and pupils on the results of periodical examinations.

5. The first set of proposals is contained in paragraphs 82 to 85 of the report. They include the award of three stipends of Rs. 100, Rs. 60, and Rs. 60 a month, respectively, the first two to the two Nyaya pandits, and the third to the Smriti pandit, who may from time to time be adjudged by Government to be the most distinguished and deserving among the pandits of Nadiya, the historical seat of Nyaya and Smriti learning. In general they would be awarded for the pandit's lifetime, or for so long as he maintained his *tol*; but there would be nothing to prevent the Government from transferring any stipend from its present possessor to a worthier claimant. A further proposal is that an allowance of Rs. 40 a month should be made to the Thompson Gautama Pathsala at Revilganj for the maintenance of a teacher of Nyaya, and an allowance of Rs. 30 a month for the same purpose to the Sanskrit pathsala at Puri, which is maintained by an endowment of Rs. 5,500 made by the late Maharaja of Balarampur, and by a subscription of Rs. 1,300 a year continued by his widow. The last proposal is that a grant of Rs. 25 a month should be made to the Sanskrit College of Calcutta for the maintenance of five Vedic pupils, when the projected class for teaching the Vedas is opened in that institution. Since the submission of the report, however, the Mahanta of Tarakesur has not only endowed the Vedic class in perpetuity by an investment of Rs. 9,000, yielding Rs. 360 a year, but has also made provision for the maintenance of students attending the class by a further investment of Rs. 3,000. Both these generous gifts have been accepted by Government.* in addition to the earlier gift of Rs. 5,000 made for the establishment of a Vedic class by Babu Dwarkanath Pal of Bansbarai. In view of these endowments, Pandit Mahes Chandra has now withdrawn his proposal for the grant of Rs. 25 a month for scholarships to Vedic pupils in the Sanskrit College. He has also accepted a suggestion to reduce the second of the two Nyaya stipends mentioned above from Rs. 60 to Rs. 50. These amended proposals involve a monthly expenditure of Rs. 280 for five stipends, three in Nadiya, one at Revilganj, and one at Puri.

* General Department, No. 670, dated 11th December 1891, to the Director of Public Instruction.

In this connexion it will be noticed that the Pandit also urges (paragraph 83) the continuance of the grant of Rs. 200 a month which is made by Government to the pupils of the Nadiya *tols* as a subsistence allowance. This allowance dates from before 1829. He proposes the following modifications in the conditions under which the grant is now made; that it should be confined, as in former days, to students of Nyaya and Smriti, local residents being excluded; and that the ordinary allowance to a student should be Rs. 4 a month, subject to reduction to Rs. 2 in the case of certain students who already receive daily allowances from existing private foundations attached to two *tols* known as the *páká* and the *kánchá tols*.

6. The reasons which may be urged for giving exceptional encouragement to the study of Nyaya at Nadiya are the following. Nadiya is recognised throughout India as the head quarters of the Nyáya philosophy, and students resort thither from all parts of the continent in order to study it. It would be regarded as a great loss to Sanskrit studies, if Nyáya were to decline and fall into neglect in its chosen home; and without special support there may be some danger of this result. The offer by Government of two valuable stipends to those who might be selected from time to time as the foremost professors of that subject would unquestionably supply an incentive and encouragement to the whole body of teachers of Nyáya, both present and future. The proposed stipends have been fixed at such a rate as will relieve their holders from the necessity of roving about the country in quest of presents for the support of their *tols*; the annual income from all sources of a pandit of the highest class at Nadiya being estimated at something like Rs. 1,200. One of the chief drawbacks to the present system is the serious interruption of studies which is caused by the frequent absences of the teacher on this account; and it is alleged that studies which now occupy ten or twelve years could be got through in half the time if they were fairly continuous. One of the conditions attached to the stipend should therefore be the definite restriction of the period within which the teacher might absent himself from his *tol*. Similar observations apply in a nearly equal degree to the proposed Smriti stipend.

7. The reasons for making special provision for the teaching of Nyáya at the Revilganj Gautama Pathsala and at the Sanskrit pathsala at Puri are given in paragraphs 11, 33, and 85 of the report.

8. The second section of the Pandit's proposals relates to the award of stipends to teachers and pupils on the results of examination. This will probably be at once accepted as an eminently suitable method of encouraging Sanskrit studies over a wide area. In order to carry out this scheme, which is only touched upon, without details, in paragraph 86 of the report, it is now proposed that the Bihar system (see paragraph 14) of the subsidiary examinations leading up to the Sanskrit Title examination should be extended to the whole province. It is also proposed that these examinations should be carried out by the five local associations referred to in paragraphs 70—80 of the report, and by any others, that may hereafter be established with similar objects, and should be held annually. A certain proportion of the stipends, to be fixed from time to time in reference to the importance of each, should be allowed to the different Associations, and be by them awarded, under rules to be hereafter prescribed, to the most deserving teachers and pupils at the first and at the second examination. The stipends awarded on the results of the first examination should be tenable for two years, subject to an examination at the end of the first year for retention of the stipend. Those awarded on the results of the second examination should be tenable for three years in the case of Nyaya students, and for two years in other cases, subject again to the condition of examination for retention of stipend. The following scale of rewards is proposed:—

Stipends to pupils.

	Rs.
On the result of the first examination, 100 pupils at Rs. 2 a month each	2,400
On the results of the second examination, 30 pupils at Rs. 3 a month each, and 30 pupils at Rs. 4 a month each ...	2,520
	4,920

Rewards to teachers.	Rs.
On the results of the first examination, 20 teachers at Rs. 6 a month each, and 20 teachers at Rs. 8 a month each ...	3,360
On the results of the second examination, 15 teachers at Rs. 10 a month, and 15 teachers at Rs. 12 a month ...	3,960
	7,320

I may observe that no additional rewards are required for candidates at the Sanskrit Title examination, to which many prizes and rewards have been attached by private benefactors.

9. It will be observed that the stipends for pupils have been fixed at the rates of Rs. 2, Rs. 3, and Rs. 4 a month each. Pandit Mahes Chandra Nyáyaratna estimates the monthly expenses of a *tol* student at Nadiya, which is not an exceptionally cheap place, as follows:—

	Rs.	A.	P.
1. Rice, 20 seers	1	12	0
2. Dâl, 60 chittacks	0	5	3
3. Vegetables and fish	1	8	0
4. Mustard oil (for cooking and rubbing the body)	0	7	6
5. Salt, spices, earthen cooking vessels, &c.	0	4	0
6. Firewood	0	12	0
7. Gram and raw sugar for lunch ...	0	3	0
8. Kerosine oil for lighting	0	4	0
9. Washerman	0	2	0
10. Barber	0	1	0
	5	10	9

Some of these items seem to be susceptible of reduction; and it appears that the allowance made to the students of the *páká tol* at Nadiya, consisting of rice, *dâl*, and two pice daily, comes to about Rs. 3 a month. The Pandit, however, states that this allowance is found to be insufficient, and that the students of the *páká tol* have to beg in order to supply the deficiency. It is also alleged that whenever a subsistence allowance is made to *tol* students by associations or by individual patrons of Sanskrit learning, it is nowhere less than Rs. 4 a month. This is the rate allowed at the Mulajor *tol*, maintained by Maharaja Sir Jotindra Mohan Tagore Bahadur, at the Biswanath *tol*, maintained at Chinsurah by Babu Bhudeb Mukherji, C.I.E., at the Burdwan Maharaja's *tol*, and at the Jubilee *tol* at Berhampore.

10. The foregoing proposals regarding new expenditure may now be summarised:—

	Rs.
Three stipends to Nadiya tols, at Rs. 100, Rs. 60, and Rs. 50 ...	2,520
One stipend at Revilganj, at Rs. 40	480
Ditto at Puri, at Rs. 30	360
	3,360
Rewards to teachers	7,320
Stipends to pupils	4,920
	15,600

The present sanctioned expenditure amounts to Rs. 3,400, thus made up:—

	Rs.
Allowance to *tol* students at Nadiya at Rs. 200 a month ...	2,400
Grant to Dacca Sarasvat Samaj	500
„ to Bihar Sanskrit Sanjivan	500
	3,400

It has already been proposed (paragraph 5) that the allowance of Rs. 200 a month to the Nadiya students should be continued. The grants of Rs. 500

each made to the two local associations should, however, cease, as they will be merged in the grants to be made, if these proposals are accepted, for stipends and rewards to pupils and teachers. Hence the total expenditure would amount to Rs. 18,000 a year, or Rs. 14,600 in excess of the present expenditure. This is somewhat in excess of the amount contemplated by Government; but it may be pointed out that if only those *tols*, to the number of 761, which have been reported on by Pandit Mahes Chandra, be considered, the proposed scale provides only one stipend for a pupil to about every ten *tols* (the stipend being generally tenable for two years) and one reward for a teacher to about every twenty *tols*. This will hardly be thought an extravagant provision. I would call attention to the suggestion made in paragraph 88 of the report, that Municipalities and District Boards should be encouraged to contribute to the support of *tols*. If, as is not unlikely, a ready response should be made to that call, and if, under the stimulus of Government encouragement, private munificence should be elicited in support of the *tols*, as it was conspicuously elicited when the Sanskrit Title examination was established, it may be possible before very long to reduce the amount of any contribution that Government may now sanction. It might be sanctioned in the first instance for three years.

11. I beg, therefore, to recommend these proposals to the liberal consideration of Government. The importance of the pandit class, and the influence which it has and will probably continue to have in the control of Hindu society, seem to make it a matter of high political moment that interests so large should be entrusted to capable hands. If by any small subsidy, such as that now proposed, the threatened decadence of the class of pandits can be in any way arrested, if stronger intellects can be attracted to the *tols*, and if the former vigour of these ancient institutions can be restored, it can hardly be contested that the money will be well spent.

No. 84, dated Calcutta, the 7th September 1891.

From—Mahamahopadhyaya Mahesa Chandra Nyayaratna, c.i.e., Principal, Sanskrit College, Calcutta,

To—The Director of Public Instruction, Bengal.

In reference to your letter No. 326, dated the 16th January 1891, forwarding copy of Government letter No. 24, dated the 12th idem, on the subject of inspection of *tols* in Bengal, and containing instructions supplementary to those contained in the Government letter as to the object of the proposed inspection, I have the honour to submit the accompanying report of my inspection, which was completed by the end of May 1891, together with descriptive statements of *tols*, of Sanskrit institutions, and of examining bodies, *marked A, B, and C, respectively.

REPORT ON THE TOLS OF BENGAL, BIHAR, AND ORISSA.

1. By way of preface it seems needful that I should give a general description of *tols* and the *tol* system of instruction. The word *tol* is a word of non-Sanskrit origin, and is in use only in Bengal, where *tols* are also called *chaupádí* or *chaubádí*, from Sanskrit *chatuspáthí*, a place for teaching the four [Vedas]. *Chaupádí* is a name current likewise in North-Eastern Bihar (Mithila) and in parts of Orissa.

2. The *tol* is an institution of a peculiar character. It is a school of learning where pupils are not only taught free of charge, but are likewise lodged and boarded free.

As the name *tol* is confined to Bengal, so is the practice of lodging and boarding pupils, as a rule, confined to this province. The only departure in Bengal from this practice is to be found in the *tols* of Nadiya (Nuddea), where pupils till lately were almost universally not fed by their teachers. Certain teachers there do now feed some of their pupils, or contribute small sums towards their maintenance. It may be that the existence of a grant, formerly by the Nadiya Rajas and now by Government, for the benefit of *tol* students at Nadiya, has caused a departure from the general Bengal practice of uniting

* Not published in *Calcutta Gazette*.

free lodging and feeding with free teaching. The practice rests on *Sastric* injunctions. The *Sástras* pronounce this a duty, and make it a sin to accept remuneration for imparting instruction. Great are the sacrifices that many Pandits endure to act up to the ideal of a teacher's duties as laid down in the *Sástras*.

3. In Bihar and Orissa, generally speaking, teachers do not concern themselves with the feeding of their pupils, the only notable exception being a corner of Bihar, viz. Darbhanga, which, like the rest of Mithila, is in so many matters like Bengal. The general practice in Bihar and Orissa is for pupils to come for instruction as day-scholars to the teacher, who teaches them either in his own house, or in a temple, or in some neighbour's house, which may be more suitable for the purpose of teaching than his own.

4 Schools for instruction in Sanskrit are called *vidyálayas* or *páthsálás* in Bihar and Orissa, North-Eastern Bihar and Jajpur in Orissa, however, using the Bengal name *chaupádi*. In the Puri district of Orissa *tols* are called *chális*. The word *cháli* means a small shed. *Tol* in Bengali is a name also for the temporary habitations of Bediás (Gypsies). Taking the two words *cháli* and *tol* together, it appears that *tol* primarily meant a shed serving as a temporary habitation. A *tol* is generally located outside the limits of inhabited places, villages or towns. It consists of one or more long huts with mud or wicker walls and thatched roofs. Each hut is divided into compartments, the partitions, however, not reaching to the roof. These compartments, in which the students are quartered, are of small dimensions, generally about seven feet square, and raised banks of earth (*vedi*) within very often serve for bedsteads. The part of the compartment that is not occupied by the *vedi* is reserved for cooking and other purposes. All the pupils in a *tol*, however, do not cook for themselves. Some get their meals free at the house of the teacher. The pupils who cook their food receive free gifts of rice and other eatables from their teacher. Pupils not belonging to the same class of Brahmans as the teacher always cook for themselves. All the pupils in a *tol* are not free boarders. Some of the pupils may be local residents who attend the *tol* as day-scholars. Some pupils, again, who are not local residents, may be freely boarded by local residents. Beginners or grammar pupils generally are the pupils who are so boarded.

5. In addition to the huts that furnish quarters to the students, there is a hut called *sarasvati-mandap*, open on one side and sheltered on the other three. It measures about 20 feet × 10 feet, and is the place where the teacher teaches his pupils. The teacher takes his seat here on a mat, and the pupils take theirs on separate mats before him, some on his right, some on his left, and some also facing him, if there is no more room on the right and the left.

6. The work begins at about 7 o'clock in the morning, and continues to about noon. All the pupils being assembled together, the teacher begins with the least advanced, and gradually passes on to the most advanced. The object of this arrangement is that the more advanced pupils may have the benefit of a revision by means of the lessons of the less advanced. Pupils are dismissed as they finish their lessons. If their day's work is not finished in the morning, the teacher and the pupils resume work at about 4 in the afternoon, and continue it till dusk. In the evening, again, pupils are allowed to bring their doubts and difficulties before the teacher for solution, and at this time the teacher also questions the beginners. There is very little of classification of students in a *tol*, each pupil, generally speaking, having his own lesson. Only in occasional instances have some two or three pupils the same lesson. Not more than one book is read by a pupil at a time, and the quantity of work done each day is but moderate. This makes it possible for a single teacher to teach each day a number of pupils, each with his separate lesson. The work done, though moderate in quantity, is done in a thorough style. Verbal discussions are frequent among the pupils, and difficult points are referred to the teacher as occasion arises. Junior students again often ask senior students to carry them through the lessons they have already gone through with the teacher either that or the previous day. This is called "seeking lesson" (পাঠ চাওয়া). The help sought is readily given. Exercises in writing are unknown in a *tol*. The system of instruction and in some measure the subjects taught are the same throughout the provinces. The Bengal standard of

Sanskrit learning is, however, considerably higher than that in Bihar (Mithilá excepted) and in Orissa. In Bengal no boy begins Sanskrit without having received elementary vernacular education in some *páthsálá*. In Bihar, however, boys often begin their Sanskrit grammar or *jyotish* (astrology), and in Orissa their grammar or lexicon, with no other knowledge than that of the alphabet, and they go on learning for some time by rote alone. At the initial stage learning grammar by rote is the universal practice. The ages of pupils in Bengal range approximately from 9 to 30, in Behar from 7 to 20. and in Orissa from 6 to 18. Bihari and Uriya students who continue their studies beyond the above limits of age repair for their instruction beyond the limits of their respective provinces.

7. Teacher sand pupils in *tols* are almost all Brahmans, only a few being of the Vaidya caste. The few Vaidya teachers in the provinces teach only grammar, *belles-lettres* and rhetoric to non-medical students, and Vaidya students study none but the above subjects previous to taking up their medical studies. *Tol* students everywhere are most obedient to their teachers and respectful to their seniors. They almost worship their teachers, doing for them, if need be, menial services with the utmost alacrity. The teachers on their part love their pupils with fatherly affection.

8. In *tols* holidays are not less plentiful than in colleges in Bengal. For four days in a month, *i.e.*, on the *pratipada* (first) and *ashtami* (eighth) day of the waxing and the waning moon, all studies are prohibited. Should the *pratipada* or the *ashtamí* extend to even so small a portion of the succeeding solar day, this day would be an additional day during which study is prohibited. In four other days, viz. the two *chaturdasis*, *púrnimá*, and *amávasyá*, *i.e.*, the fourteenth and fifteenth days of the waxing and the waning moon, new lessons are forbidden. though revision of the old is not. For students of the *Nyáya* Philosophy and *Vyákaraná* (Grammar), there are two additional days, the *trayodasis* *i.e.*, the 13th day of the waxing and also of the waning moon), during which new lessons are prohibited. For six days in a month, the two *chaturthis*, the two *saptamis*, and the two *trayodasis* (*i.e.*, the fourth, seventh, and thirteenth days of the waxing and the waning moon), all study at night is prohibited. Besides the above prohibited days of study, the ordinary Hindu holidays are observed as days of "no study" (अनध्याय). In addition to the above holidays the practice used to be to close *Nyáya tols* for over four months from Ratha-yátrá to Rási-Púrnimá, *i.e.*, from about the third week of June to about the middle of November, and *Smriti tols* for about two months from Sakrotthána to Rási-Púrnimá, *i.e.*, from about the middle of September to about the middle of November. This practice, however, is not now universally adhered to, the long vacation, having been reduced in many *tols*. During the period of vacation, students study by themselves what they have previously studied with their instructor.

9. The days of prohibition of study given above are prevalent throughout Bengal. In Orissa the days of "no study" (अनध्याय) are the same as in Bengal, with the important exception that the long vacations of Bengal are unknown there. Mithilá (*i.e.*, North-Eastern Bihar) is like Orissa in this, the only difference being that revision work is allowed in the former on the 8th day both of the waxing and of the waning moon. The other districts of Behar do not strictly observe the prohibited days. In regard to the reading of the *Kávyas*, the prohibited days in Bengal are only the first and eighth days of the moon.

10. I started on my tour of inspection on the 23rd of January 1891, in accordance with the orders of the Director of Public Instruction conveyed in his letter No. 326, dated the 16th January 1891, and visited first the province of Behar. I commenced work there by conferring with the "Behar Sanskrit Sanjívan," whose energetic Secretary, Pandit Amvikádatta Vyás, furnished me with a list of *tols* that the Sanjívan considered deserving of inspection, and accompanied me, besides, on my tour in the districts of Patna and Saran. The other districts of Bihar that I visited were Gaya, Shahabad, Champaran, Tirhut, Darbhanga, Monghyr and Bhagalpur.

Bihar is ethnically divisible into three sections—the north-eastern section or Mithila, the southern section or Magadha, and the western or Bhojpurí section.

11. Sanskrit studies in Bihar are at a low level. In certain *tols* in the Darbhanga district alone is a high standard reached. Only an elementary

knowledge of either *Jyotisha* (Astrology and Astronomy) or of *Vyákarana* (Sanskrit Grammar), with a little of *Kávya* (*belles-lettres*) and less of *Purána*, it is the aim of the majority of Bihar students to acquire. In the Gautama Thompson *Páthsálá* at Gotna near Revelganj in Saran, opened lately with so much *éclat* and named after Gotama, the originator of the *Nyáya* Philosophy, there is no provision whatever for teaching *Nyáya*. *Vyákarana*, *Kávya* and *Jyotisha* are the only subjects taught.

12. The *Kávya* standard has risen visibly of late in Bihar, in consequence of the institution of the Sanskrit Title Examination and the examinations of the Sanskrit Sanjívan. A good many pupils aim at learning Astrology alone, with the object of earning their livelihood by casting horoscopes (*tippan*), indicating auspicious days for marriages, &c., and telling fortunes. Students of Astrology do not, for the most part, possess even an elementary knowledge of Sanskrit Grammar. They simply commit to memory Sanskrit texts with Sanskrit and vernacular interpretations of them. The same is the case to some extent in regard also to the other branches of study, vernacular interpretations of Sanskrit texts being learnt by heart along with the texts.

13. The Sanskrit grammatical text-books usually taught in Bihar are *Sárasvata*, *Chandriká*, and *Laghukaumudi*; a few study *Siddhánta-Kaumudi*, *Manoramá*, *Paribhásendusekhara*, *Laghusabdendusekhara*, *Vyutpattiváda*, *Mahábháshya*, *Kaiyat*, *Kastubha*, *&c.* The usual text-books in literature are *Raghuvansa*, *Kumárasambhava*, *Meghadúta*, and the text-books for the Sanskrit Title Examination.

The Astrology text-books are *Laghu*, *Játaka*, *Brihat Jatáka*, *Muhúrta-Chintámaní*, *Jaimini-Sútra*, and *Dipiká*. Some of the pupils study also the well-known mathematical works *Lilávati*, *Víjaganita* and *Rekháganíta*, and the astronomical works, *Siddhánta Siromani.*

The higher standard for literature students consists of works prescribed for the Sanskrit Title Examination in literature.

There is not much liking in Bihar for any other branches of knowledge besides Grammar and Astrology. The few who want to study Philosophy (Vedánta, Sánkhya, Mímánsa, and Nyáya), and the fewer who want to study Hindu Law, repair generally to Benares for prosecuting their studies, students of *Nyáya* only resorting to Nadiya.

The *Vedas* too are learnt, but only after a certain fashion, *i.e.*, by rote and for the purpose simply of recitations on ceremonial occasions.

14. The Sanskrit Title Examination and the subsidiary examinations held by the Bihar Sanskrit Sanjivan, have had a most beneficial effect on the state of Sanskrit education generally in Bihar. They have been steadily raising Sanskrit studies in the province from the very low level to which they had sunk. Much, however, remains yet to be done. At the Title Examination Bihar candidates have come forward indeed for titles in literature, but there have been no Bihar candidates yet for a title in any other subject.

15. Generally speaking, there is greater irregularity in the working of the *tols* in Bihar than in Bengal. This appears to be in great part owing to the greater poverty of the Bihar Pandits, which compels them to go about visiting wealthy people and receiving gifts from them, to the necessary interruption of their work of teaching. Such interruption usually takes place in the wedding seasons (from the middle of January to the middle of March, and from the middle of April to the middle of June) when the chances of receiving gifts are greater than at other periods of the year. The Bengal practice of inviting Pandits on the occasions of *Sráddha* (ceremony for the benefit of the departed soul), marriage, &c., and making presents to them on such occasions, is almost unknown in Bihar. It is not that gifts are not made to Pandits in Bihar by noblemen and other wealthy people, but such gifts, being not so systematic as they are in Bengal, afford the Bihar Pandits less help than the Bengal Pandits receive. Comparative smallness of means appears again the reason why the practice of teachers feeding their pupils is very rare in Bihar, while it is the rule in Bengal.

16. It may be mentioned here that all the Maharajas of Bihar and some of the Rajas maintain certain *tols* in their own city, paying regular salaries to Pandits, and the pupils also of some of the *tols* receive free boarding. Details about such *tols* are given in the tables marked A. Of the accuracy of the information given about the Maharaja of Betia's *tols* I cannot, however, be so

certain. At the time of my visit to Betia the Maharaja and the Pandits were all gone to Benares for religious purposes, and the Manager of the estate, Mr. Gibbon, to whom I officially applied for information, declined to give it. I gathered as much information as I could get from local residents, and the information varied as a matter of course. I have tried to make my figures and other matters approximately as correct as possible.

17. Unlike the *tols* in Bihár, the Sanskrit schools recently set up by the several Bihár associations are very regularly worked. In fact, they approach or come up to the standard of English schools in the Lower Provinces, in respect of regularity of attendance, hours of work, discipline, &c. The Bengal *tols* certainly do not in these matters approach this class of Sanskrit schools in Bihár.

18. The award of titles is a thing unknown in Bihár. In this it is quite unlike Bengal, where it has been an immemorial custom to award titles to *tol* students. Titles used to be awarded when students finished their *tol* education. Lately, however, titles have generally been given to pupils on their entering *tols* for instruction, the pupils themselves choosing their respective titles. This practice owes its origin to a disinclination on the part of the pupils to call each other by their proper names. Undeserving persons have thus come to be holders of titles, and titles have been indiscriminately given without any reference whatever to the special branch of knowledge to which the student applies himself, a student of Smriti, for instance, receiving the title of Nyáyaratna. These abuses made it a desideratum that Government should initiate an examination for the acquisition of a title. The abuse still continues, however, and I have known of instances in which students plucked at the Title Examination have been awarded titles by their Pandits.

19. The foregoing remarks about Bihár apply to the province generally. Darbhanga with Tirhut, which represents the ancient Mithilá, has long been famous in India as a seat of high intellectual culture. The Nyáya Philosophy was introduced into Nadiya from Mithila, where it was first cultivated with eminent success. The family of His Highness the Maharaja of Darbhanga, who is the head of the entire Maithil community, owed its position to success achieved in the field of intellect. The founder of the family Mahes Thákur, fourteenth ascendant from the present Maharaja, got his estate of Darbhanga as a reward for his learning. Some say that the present was one from the Emperor Akbar himself, others, that it was from Raghunandan Jhá, who is said to have received from the Emperor the title of Pandit Ráj, together with the Darbhanga estate, when it lapsed to the Emperor on its owner, Raja Sida Singh, dying heirless. Raghunandan is said to have made a gift of it to his guru (teacher), Mahes Thákur, as *guru-dakshiná* (gift to a teacher for instruction received). The Darbhanga Maharaja's family, founded by a Pandit, has always been distinguished by its patronage of Pandits. A regular system has been maintained at Darbhanga for testing the learning of Sanskrit students, and those who have passed the test have had their names recorded and have been rewarded with two *dhotis* each, as a mark of honour. A test generally takes place on the occasion of an assemblage of Pandits on the birth of a Maharaj-Kumar. The present Maharaja keeps up the family prestige well. He is himself both a Sanskrit scholar and a patron of Sanskrit learning. The amount annually expended by him towards the support of Sanskrit studies is Rs. 18,700, as per details below:—

		Rs.
1.	Salaries to Pandits	6,480
2.	Scholarships to pupils	1,020
3.	Maintenance of a Sanskrit college at Benares	6,000
4.	Maintenance of a Sanskrit school at Madhubani ...	300
5.	Maintenance of a Sanskrit páthsálá at Rahika	1,350
6.	Gifts to Pandits and pupils	3,550
	Total ...	18,700

20. The district, too, keeps up its reputation for Sanskrit learning. It has several distinguished Pandits at the present day, among whom I may mention Mahámahopádhyáyas Krishna Singh Thákur and Kanáilál Jhá and Pandits Chumman Jhá, Bechu Jhá, Chitradhara Misra, Dukha Mohan Jhá, and

Sadánanda Misra. Most of the distinguished Bihari Pandits outside the limits of Mithilá are Maithils by blood, as Pandit Visveswar Jhá of the *Chhapra Bháratesvari Páthsálá*, and Pandit Siva Nárayan Jhá of Dumraon.

21. The standard of instruction in the Darbhanga district is as high in Nyáya as that of Bengal, while it equals the Benares standard in respect of Grammar (on Pánini's system), Vedánta, Sánkhya, Mímánsá and Jyotish, subjects which are not much studied in Bengal. In Smriti or Hindu Law Mithila is behind Bengal, and so it is in Kávya. It is but recently, however, that Bengal has taken up the study of Kávya to any considerable extent.

22. The Sanskrit Title Examination or the Sanskrit Sanjivan's examinations have hardly produced any effect in Darbhanga. This, I have been informed, has in part been owing to the indisposition on the part of Sanskrit students in the district to undergo an examination in Hindi, or optionally in English, one or other of which has been made by the Sanskrit Sanjivan a compulsory subject for its examinations, and in part to the ignorance on the part of the present Pandits and their pupils of the subjects and text-books prescribed for the Title Examination. Pupils of the aided Madhubani Sanskrit Páthsálá, which is under the management of a Committee, have been the only Darbhanga candidates at the Title Examination, and the Sanjivan's examinations.

23. The Maharája of Darbhanga, at the time of my visit, was pleased to signify his desire to establish a Sanskrit College at Darbhanga, and he proposed that the place be made a centre for the Title Examination. The proposal is one which, I trust, the Government will approve and comply with.

24. Bihár, though a long way behind Bengal in respect of *tols* maintained by individual Pandits, has lately developed a new organisation for the promotion of Sanskrit studies, which has already been incidentally referred to. The Hindus of Bihár, after ages of depression, have been becoming alive again to old Hindu traditions and usages. Associations, some of them religious, have accordingly been started in several places, and these associations have made it an object to promote Sanskrit studies.

25. In my tour through Orissa, I made the list of *tols* furnished me by Babu Radhánath Ray, Joint-Inspector of Schools for the Orissa Division, my guide. Of the three districts of the division, Báleswar has no *tols*, and so I did not visit it. There are several *tols* in the Puri district, and only a few in Cuttack. The Jájpur subdivision of the latter is much unlike the rest of the province in the matter of Sanskrit learning. It has long been noted as a Sanskrit centre. Vedic ceremonies have persisted here long, there being even now two "*Agnihotri*" Bráhmans here. These two observe the "*Agnihotra*" ceremony, *i.e.*, keep the fire lighted at their birth perpetually burning, and perform the *Homa* ceremony with this fire morning and evening. This is to continue till the death of each, when, with the fire kept up, the cremation pile is to be lighted. The number of *Agnihotris* used to be much larger formerly. It has now dwindled down to two, and with the death of these two, the class is likely to disappear, for no novice has yet come forward to be initiated in the *Agnihotri* rites.

26. There is a *tol* at Dhenkanal, the capital of the Tributary State of the same name. I visited this *tol* at the request of the Orissa Commissioner and Superintendent of the Orissa Tributary Mehals, Mr. Worsley. The *tol* was founded by Maharaja Bhagirath Mahendra Bahadur, the grandfather of the present minor Maharaja, and it flourished well during the lifetime of its founder, the pupils, numbering from 40 to 50, being all lodged and boarded at the Maharaja's expense. It has now been reorganised as a school of the modern type, and made a department of the local middle English school. It labours under the disadvantage, however, of four classes having to be taught by a single Pandit. This drawback I brought to Mr. Worsley's notice. Several of the Uriya Pandits now living, got their education in the Dhenkanal *tol*.

27. In Orissa Sanskrit learning is at a lower level even than in Behar, where (Darbhanga excepted) it is low enough. A person who has read the *Shatkávya* (six poems), namely, *Raghuvansa*, *Kumára-Sambhava*, *Meghadúta*, *Sisupálabadha*, *Kirátárjuniya*, and *Naishadha*, is accounted a good Pandit. By many, Vyákaran and Amara Kosha (lexicon by Amara) are the only things learnt. Astronomy used to be successfully cultivated in Orissa, but the study of it has greatly

declined of late. There are two experts in this subject, however, in the Puri district—Chandra Sekhara Singha Hari Chandan Mahápátra Sámanta, the uncle of the Raja of Khendapárá, and Pandit Sadásiva Khariratna. The former makes observations of the stars and planets by means of native instruments. The grammar text-books usually taught are mere abridgements; at Puri, *Prakriyá Kaumudí*, based on *Pánini*; at Bhuvaneswar, *Prakriyásár*, based on *Káláp*; and in the Cuttack district, *Sáraswata*, *Chandriká*, and *Laghu Sankshiptasára*, the last being locally called *Juman*.

The standard of Sanskrit studies in the Jajpura subdivision of the district of Cuttack being higher than elsewhere in Orissa, a grammatical work of an elaborate character, namely, the *Sankshiptasára*, is taught there.

28. The institution of the Title Examination has given some impetus to the study of Sanskrit literature in Orissa. Those who obtain titles on the result of this examination are held in honour in the province, and the possession of a title is a passport also to employment in Government and private schools. The Puri and Dhenkanal Sanskrit Páthsálás alone send up candidates to the Title Examination, and *Kávya* has hitherto been the only subject taken up by the candidates. The rules in connexion with the Title Examination are little known in the province, except at Puri and Dhenkánal, and this, together with the absence of any local examinations such as exist in Bengal and Bihár, operates prejudicially in the province.

29. There are in Orissa a few learned Pandits, such as Sankar Tirthaswámí of Puri, Dámodar Vidyábágísa of Jajpur and Bámadev Misra of Bhuvaneswara. These learned Pandits finished their education outside the province, namely, in Bengal, in the Madras Presidency, and at Benares. As in Bihár, the practice of receiving titles from their teachers by students of Sanskrit does not exist in Orissa. Some few who finished their education in Bengal, such as Pítámbar Tarkasarasvatí of Jajpur, took titles. The Puri Rajas have awarded the titles of *Barápandá* and *Brahmá*. Recently some of the Tributary Rájás have begun to award titles prevalent in Bengal, namely, Vidyábágisa (awarded by the late Mahárájá of Dhenkanal to Dámodar of Jájpur) and Vidyánidhi (awarded by the Raja of Madhupura to Pandit Átmárám of Dharmasálá in the Jajpur subdivision of Cuttack.

30. There was a time when in Orissa Pandits were very liberally patronised by Maharajas and Rajas. They got numerous rent-free grants of villages, and the central parts of these villages were marked out for the exclusive residence of Brahman families devoted to the practice of religious rites or to the cultivation of Sanskrit learning. These parts are called *Sásan*, each deriving its name from its grantor, such as Bírnarasinhapur Sásan, Sripurushottampur Sásan, Bír Balabhadrapur Sásan, named from their respective grantors, Bír Narasinha, Purushottam, Bir Balabhadra, &c. Many *Sásans* exist at the present day, and what a Sásan is like, will appear from the following description. A *Sásan* has a single road, some 10 feet broad, running right through its middle. The road is lined on both sides with cocoanut groves, and at the back of these groves are the residences of the Brahman families descended from the original grantees. Within the limits of a Sásan, none but a Brahman family can reside. So strong is the force of custom, that although there is now no legal prohibition against non-Brahmans residing within the limits of a *Sásan*, no non-Brahman ever thinks of intruding within its limits. Most of the Pandits in Orissa are Sásan residents, though the number of Pandits is altogether but small. The Sásan Brahmans almost all stick to the old Brahmanic occupations. Those who are not Pandits do some kind of priestly office; they do not practise any kind of secular calling.

31. At Puri, besides the Sanskrit Páthsálá, there are *maths* and *tols*, where Sanskrit teaching is carried on. A "math" is properly a convent of monks presided over by a *Swámí* or *Mahanta*. The *Swámí* is absolute ruler of the *math* and owner of its property. *Maths* have somehow become places of instruction for students of Sanskrit. Different Hindu sects have their different *maths*. The Vaishnavas have their *maths*, and so have the followers of Sankar Achárya. The rites of each sect are observed at the *math* of the sect. Persons who ask for food at the *math* of the sect to which they belong have to be fed, and a few are even permanent guests. All beggars receive alms at a *math*.

32. In the Bálasháhi quarter of Puri there are four *maths*, each called after Sankar Achárya, *Sankara Matha*, not because Sankar Achárya ever taught in them,

or was in any way personally connected with them, but because their heads have been followers of Sankara. Of one of the *Sankar maths*, the head (Swami) is Dámodar Tírtha Swámi, the most learned Pandit of the place. This *math* has an income of about Rs. 1,000 a year derived from land. It has a valuable library of Sanskrit manuscripts in the Devanágri, Bengali, Uriya, and Telugu characters, but the library is not taken as much care of as it should be. The three other *Sankar Maths* have incomes of Rs. 10,000, Rs. 12,000, and Rs. 400 a year, respectively, all derived from land. At two of the *maths* of the Vaishnavas, namely, the Imar Math or Gopál Math and the Gangá Math, pupils are lodged and boarded free, all the pupils in the former and five in the latter. The Pandit in each receives a money remuneration besides getting free lodging and boarding.

33. The Puri Sanskrit Páthsálá is maintained by an endowment of the late Maharaj Sir Digvijay Singh Bahadur, K.C.S.I., of Balrampur in Oudh, and a subscription, originally by him, of Rs. 1,300 a year, continued since his death by his widow. The Maharaja in his deed of endowment expressed a wish for the establishment of a chair of Nyáya at the Páthsálá. The chair has not yet been created, the Managing Committee having thought it proper to limit expenditure with a view to effect savings against the ultimate cessation of the subscription of Rs. 1,300 a year. I had drawn the Committee's attention to the Maharaja's wish about a Nyáya chair, and have been informed by the Secretary that the Committee cannot open a Nyáya chair without an addition to their funds.

34. Another Sanskrit institution at Puri is the Veda Vidyálaya established only a few months ago. It is maintained by contributions in the shape of money and free meals to the pupils, who are 27 in number, all of them beginners. They read elementary grammar, and commit to memory a few *mantras* from the Vedas. A rival Vedic school of this type has just been started by Pandit Harihar Brahmá. These two institutions scarcely deserve the name of Veda Vidyálaya, and it is very doubtful whether they will live long. The first of these is the only institution in Orissa maintained by subscriptions.

35. One extraordinary feature of a few of the *tols* in the Puri district may here be mentioned. The Pandits of these *tols*, so far from teaching, lodging and boarding their pupils free, receive trifling fees of one or two or three annas a month from each of their pupils. Free lodging and boarding are exceedingly rare in the province. Generally the pupils of *tols* in Orissa belong to the village in which the *tol* is situated or to adjoining villages. Pupils in Puri town and its neighbourhood can get, if they choose, their meals free at the temple of Jagannath. Many actually do get their meals there, some walking a mile or two for the purpose. Within the courtyard of the temple there is a pavilion of stone, called *Muktimandap*, in which the Pandits of Puri meet as occasion demands, and discuss and decide points connected with the Hindu *Sástras*. Pupils on presenting themselves at the *Muktimandap* get their meals free.

36. I now come to the province of Bengal, the *tols* of which I visited last. It is the *tols* of Bengal that answer fully to the description of *tols* given in the beginning of this report, and *tol* instruction in Bengal, though declining from what is was of old, has still more vitality altogether than in the sister provinces.

37. The special branch of study for which Bengal has been famous all over India is the Nyáya Philosophy, and the chief seat of this study in Bengal has been Nadiya. Of the Nyáya Philosophy, the works that treat of Logic, such as *Máthuri*, *Jágadisi*, and *Gádádhari* have been special favourites. The study of these works is a severe training for the intellect, and students who go through this training acquire a mental grasp and alertness which enable them to master other branches of Sanskrit learning with comparative ease. The *Naiyáyika* (expert in Nyáya) is accorded a higher rank in Bengal than the Professors of any other branch of learning.

38. Besides Nyáya, the only other favourite branch of study has been *Smriti*. The original *Smritis* are not, however, the works studied, but only Raghunandan's compends of them, together with the *Dáyabhága* of Jimutabáhana with Srí-krishna's commentary, and the *Práyaschitta Viveka* and *Sraddha Viveka* of Sulpani. Raghunandan's compends of Smriti works are a very serviceable compilation, and intelligent Pandits, who have mastered them, can study without extraneous help most of the original Smriti works (*Samhitas*).

39. The grammatical works studied in Bengal are *Kalápa*, *Sankshiptasára*, *Supadma*, and *Mugahabodha*. *Pánini*, and works based on *Pánini* are not studied anywhere, with the exception only of a few *tols* in Rajshahi. In certain *tols* in East Bengal the *Kalápa* with its different commentaries is studied with the exclusive devotion that *Siddhánta Kaumudi*, which is based on *Pánini*, commands in the North-Western Provinces. The same exclusive devotion to grammar is found in Midnapur, Bankura, Birbhum, and parts of Burdwan, Hugli, and Howrah. Here the grammar text-books are *Sankshiptasára*, and Goyi Chandra's commentary on it, with commentaries on this commentary. Wherever grammar holds sway, other branches of Sanskrit learning have little room.

40. The *Purános* have also their students in Bengal, though they are but few. Astrology too is learnt for the practical purpose of casting horoscopes, and calculating auspicious days for weddings, &c.

41. The Hindu system of medicine is taught in several places in Bengal, notably in Calcutta, Mánkar (in the Burdwan district), Jangalpara (in the Hugli district), Bankul (in the Howrah district), and Bikrampur (in the Dacca district). I did not visit any of this special class of *tols* for medical education, as a proposal for including the Hindu system of medicine among the subjects for the Title Examination was disallowed, on the ground that "the encouragement of the Sanskrit system of medicine is totally opposed to the policy of Government in medico-educational matters."

42. The Title Examination, and to some extent local examinations under *Samájas*, like the Dacca Sárasvat Samáj, have been the means of introducing into Bengal the study of the Sánkhya, Pátanjala, Vedánta, and the old Nyáya Philosophy (Gautama Sutra) and of original Smriti works (Manu, Yajnvalka, &c.). The study of Kávya and Alankára (Rhetoric), which used hitherto to be for the most part confined to the Sanskrit College, has now spread widely over the province, under the influence of the above examinations. That a knowledge of these subjects helps to secure Panditships in schools has further stimulated their study in different parts of the province.

43. The renowned seats of Sanskrit learning in Bengal are Nadiyá, Bikrampur, Bakla-Chandradwip, Tribeni, Bhatpara, and Khanakul-Krishnagar. A word of explanation about the name Bakla-Chandradwip may not be inappropriate here. Raja Todar Mal, Finance Minister to the Emperor Akbar, divided the Exchequer lands of Bengal Proper into nineteen sarkárs, of which one was Bakla-Sarkar. Bakla was subdivided by him into four mahals or parganas, and one of these was called Chandradwip. This pargana appears to have been known at the time by the name of Bakla, and it is still occasionally called Bakla-Chandradwip. The name Bakla, of both pargana and sarkár, appears to have been derived from a town of this name, which was the seat of a Hindu reigning family, but of which there is at present no trace. Mr. Beveridge, from whose *District of Bakarganj* (pp. 26—34, 50, and 70) I derive my information, thinks Chandradwip was identical with Bakla, as Abul Fazl, according to Professor Blochmann, uses it as synonymous with Bakla. From early times Chandradwip belonged to a Kayastha family enjoying the title of Raja. This family, whose liberal patronage of Sanskrit learning made Bakla-Chandradwip a great centre of such learning, has now been reduced to poverty. The estate which is of such historical celebrity passed out of the hands of this family into those of several proprietors of low caste. Recently it has come into the possession of a Brahmin zemindar of distinguished rank and lineage, Raja Sir Saurindramohan Tagore, Kt., C.I.E., &c., and it may now well be hoped that he will support the cause of Sanskrit learning in Bakla-Chandradwip as the Rajas of Chandradwip used to do of old. The Raja has already given an earnest of such support by his liberal donation of Rs. 200 towards a kindred object, namely, the purchase of land for a girls' school in his newly-acquired estate.

44. In Bengal, as I have stated above, Pandits, as a rule, lodge and feed their pupils. Whence come the funds that enable them to do so? The practice of old was for zemindars to make grants in perpetuity of rent-free land to Pandits noted for their learning. It was mainly rent-free land that enabled Pandits to support their families, and bear, besides, the expense of free lodging and boarding for their pupils. The renowned Pandit Jagannath Tarkapanchánan, who was a contemporary of Sir William Jones, got such large gifts of rent-free

land that his descendants are now able to maintain themselves with the income derived from the land left by Tarkapanchánan. About 50 years ago my father, now deceased, received from the then head of the Mahishadal Raj family a grant of 100 bighas of rent-free land, and this land has come down to his heirs.

45. Grants of rent-free lands have now very much gone out of fashion, have in fact almost entirely ceased. Money contributions or gifts of rice to *tol* Pandits continue to be regularly made by some patrons of Sanskrit learning, though such instances too are but few. At present the resources of Pandits consist chiefly of gifts called *Vidáya*, received from wealthy people of good caste, at *Sráddhas*, marriages, consecration of temples and tanks, return from pilgrimages, &c. On such occasions the gifts to Pandits are usually graduated according to the class to which they belong, *i e.*, according as they are *Naiyáyikas*, *Smártas* (Professors of Law), or *Sábdikas* (Professors of grammar and language). The Naiyáyikas are considered Pandits of the first rank, the Smártas of the second, and the Sábdikas of the third. Vedantic, Sánkhya, and Pauranic Pandits are but few in Bengal. Vedantic and Sánkhya Pandits rank immediately below Naiyáyikas, and Pauranic Pandits below Smártas. Even *Vidáya* gifts have gradually been declining in value, and hence the increasing difficulty on the part of Pandits to support their pupils.

46. A new departure has been made of late by certain patrons of Sanskrit learning. They have established institutions for the prosecution of Sanskrit studies, in which the teacher or teachers receive fixed salaries and the pupils receive stipends. The following are institutions of this class:—The Sanskrit Vidyálaya, maintained by the Burdwan Raj; the Mulajor Sanskrit Vidyálaya founded by the late Babu Prasanna Kumar Tagore and now maintained by Maharaja Bahadur Sir Jotindramohan Tagore, K.C.S.I. and his brother, Raja Sir Saurindramohan Tagore, KT.,C.I.E.; the Victoria Jubilee *Tol* at Berhampur, founded and maintained by Arnakali Devi of Kasimbazar; the Krishnagar Sanskrit Vidyálaya, founded and maintained by Maharaja Khitischandra Ray of Krishnagar; and the Biswanath Pathsálá at Chinsura, founded and maintained by Babu Bhudeb Mukerjee, C.I.E. On the occasion of my visit to Maimansingh I suggested the establishment of a similar institution there, and the suggestion was warmly taken up by the local public, the lead being taken by Raja Suryakánta Achárya. The District Magistrate, Mr. Phillips, strongly supported the scheme.

47. Of the Bengal *tols*, I visited first those in Murshidabad and part of Burdwan, and this on my way back from Bihar. The Victoria Jubilee *Tol* at Berhampur is in an efficient condition. Pupils from this institution succeed every year at the Title Examination, and titles were won in Vedanta, Smriti, and Kavya at the examination last held. This *tol* has pupils from such distant districts as Maimansingh, Sylhet, Tipperah, and Chittagong, besides those who are natives of Murshidabad. No other Murshidabad *tol* besides this and that of Pandit Ramtáran Sirománi of Kándi competes at the Title Examination. The *tol* taught by Pandit Ramapati Tarkabhusan at Kasimbazar is a good one. The *tols* in the interior of the district are few in number, and, with the exception of the one at Kándi, taught by Pandit Ramtaran Siromani, are in no good condition, as reported to me by the District Deputy Inspector of Schools, Babu Phanibhusan Basu.

48. The Burdwan district has some good *tols* in the interior, and the best of these is Pandit Krishnanath Nyayapanchánan's *tol* at Purbasthali. Pandit Krishnanath is a man of great learning, and he sends up every year pupils to compete at the Title Examination. Smriti, Kávya and (in one instance) Vedánta have been the subjects taken up by his pupils.

The Maharaja's Vidyálaya in Burdwan town is an institution founded about seventy-five years ago by Maharaja Tejchandra Bahadur, and it is now in a flourishing condition. It teaches Nyáya and Kávya, and regularly sends up candidates to the Title Examination.

49. My inspection of the *tols* in parts of East Bengal was greatly facilitated by the help rendered by the Dacca Sárasvat Samáj, whose very able and energetic Secretary, Pandit Prasannachandra Vidyáratna, furnished me with a complete account of all good *tols* in Dacca and Faridpur, and of such in Maimansingh, Tipperah, Noakhali and Chittagong, and also Sylhet (now included

in Assam) as send up candidates to the Samáj's examinations. He also accompanied me in my tour of inspection, and this, as well as his account of *tols*, was a great help to me. Raja Rajnarayan Ray Bahadur of Jaydebpur kindly placed at my service his steam-launch, and so helped my inspection work greatly. The Sárasvat Samáj called a meeting of Pandits at the Samáj house, and this assemblage gave me much valuable information and offered certain suggestions.

50. Parganá Bikrampur, now divided between the districts of Dacca and Faridpur, has long been known as the chief seat of Sanskrit learning in East Bengal. Although the number of Pandits and students has now considerably diminished, Bikrampur has still more *tols* and pupils than any other part of Bengal of equal area, and Pandits here have some enthusiasm yet about their calling. One Pandit maintains a *tol* on the principle of free lodging and food to pupils, although he has been running into debt for this. He himself got his education with lodging and boarding free, and he conceives it his duty to do towards others in this matter as he has been done by.

51. The principal subjects of study in East Bengal are Nyáya, Smriti and Vyákarana. The *Kalápa Vyákarana* with its commentaries occupies many pupils for years, and some of them learn nothing besides. Many of the Nyáya and Smriti students of Bikrampur, and all such students of Bakla-Chandradwip (in Bakarganj) come to Nadiya to complete their education. As regards pupils from Bakla-Chandradwip, titles obtained by them at Nadiya and latterly also those obtained under the Title Examination are alone recognized.

52. *Tols* are not numerous in Bakarganj, Maimansingh, and Rájsháhi, and on my visits to these districts I derived much help from the local Dharma-Sabhás, which brought together Pandits and a number of pupils, too, from different parts of the districts. This rendered visits to the interior of the districts almost unnecessary, and the only place in the interior of any of these districts that I visited was Sherpur in Maimansingh. In all the three districts, Smriti and Nyáya, particularly the latter, are not studied up to anything like a high standard. In fact, the rudiments only of Nyáya are learnt. The *Kalápa Vyákarana* is the usual grammar text-book in Bakarganj and Maimansingh. In Rajshahi *Mugdhabodha* is the general text-book, but in certain *tols Panini* is taught, and in a few *Sárasvata.*

53. The districts of Rangpur and Dinajpur have never been remarkable for the cultivation of Sanskrit learning. Recently the former district has, through the efforts of its energetic Magistrate, Mr. Skrine, come to have a good *tol* under a learned Pandit, Jadabesvar Tarkaratna, in Rangpur town; and Dinajpur now has a Pandit, Mahes Chandra Chudamani, who has made himself known as the author of Sanskrit and Bengali poems. The Rangpur *tol* gets a grant of Rs. 50 a month from the District Board, a grant more liberal than any elsewhere in the Lower Provinces. The *tol* under Pandit Mahes Chandra Chudamani at Dinajpur is under the patronage of Maharaja Girija Nath Roy of Dinajpur.

54. At the time of my visit to Narail there was a large gathering of Pandits at a *Sráddha* at Itina in the Narail subdivision. The Pandits assembled were for the most part from the districts of Jessore, Khulna, and Faridpur, and from them I got much information about the condition of Sanskrit studies in the surrounding parts of the country. Nyáya and Smriti occupy almost the same place as they do in other parts of Bengal, and the grammar text-book (*Supadma*) in use in Jessore is very much like those in use elsewhere in Bengal.

55. Bhatpara, the chief seat of Sanskrit learning in the 24-Parganas, still keeps up its old reputation, though Pandits and pupils have been diminishing in number here as elsewhere in Bengal. It has still eminent Pandits, such as Mahamahopadhyaya Rakhal Das Nyayaratna, Chandra Nath Vidyaratna, Madhusudan Smritiratna, and Ramendra Nyayabagis. The study of *Kávya* has recently been taken up here with greater activity than in any other place in Bengal. One peculiarity of the Bhatpara Pandit families may here well be mentioned. Members of these families acccept no gifts from any but Brahmans, Kshatriyas and Vaisyas, and abstain entirely from animal food, differing in both these respects from the generality of Pandit families in Bengal. The Bhatpara Pandits are also the *Gurus* (spiritual preceptors) of numerous Brahman families in Bengal. Altogether they are held in high respect throughout the Province, and go by the name of Bhatpara Thákurs.

56. At Tribeni, in the Hughli district, long a famous seat of Sanskrit learning, such learning is now in decadence. Jagannath Tarkapanchanan was a native of this place, and a long train of eminent Pandits before and after him are associated with the name of Tribeni. Its one *tol* now represents the "seven or eight" that existed in 1818, as stated by Mr. Ward (Adam's Report on Vernacular education in Bengal and Behar, edited by Rev. J. Long, Calcutta, 1868, p. 40). This solitary *tol* is taught by a learned Pandit, Ambika Charan Vidyaratna, fifth in descent from Pandit Jagannath Tarkapanchanan, and with his demise the traditional reputation of Tribeni as a seat of learning will have passed away.

In the rest of the Hugli district, things are no better than at Tribeni. Khanakul-Krishnanagar, long noted as one of the most eminent seats of learning in Bengal, has but four *tols* at present, none of them in a flourishing condition. Nor do its present Pandits enjoy the reputation that their predecessors did. Pashpur and Narit, which too had for numerous generations been places of Sanskrit learning, have now both ceased to have a single *tol*.

Bansbarai with its twelve or fourteen *tols*, Bhadessur with its ten, and Gondalpara with its ten in 1818 (all according to Mr. Ward's enumeration as quoted on pages 40 and 41 of Adam's Report, Long's edition), have almost ceased to have any *tol*, there being only one good *tol* now at Bansbarai taught by Pandit Mahendranath Tarkapanchanan, and another (a nominal one) at Bhadessur.

57. What is true of Hugli is true of Midnapur. Pitpur, Bhema, Bhagdanda, Sribara, &c., old seats of learning in the latter district, have now fallen into such a condition that no visit to them was called for.

58. My account of the Bengal *tols* may fitly be closed with an account of the *tols* of Nadiya. Nadiya came to be the chief centre of Sanskrit learning ages back, *i.e.*, while it was the political capital of Bengal. Under the patronage of the Sena kings of Bengal, Hindu learning flourished in their capital, Nadiya, as it did in their earlier capital situate in Pargana Bikrampur, which, as already mentioned, is still an intellectual centre. The *tols* of Nadiya originally brought into being by royal initiative and long maintained by royal patronage, came to be maintained by Hindu zemindars after the Musalman conquest of the land. Grants of rent-free land and money gifts by Hindu zemindars and other wealthy Hindus have been diminishing in Nadiya as elsewhere in Bengal, and so *tols* and pupils in Nadiya have been growing less and less. as will appear from the following figures :—

YEAR.	No. of tols.	No. of students.	AUTHORITY.
1816	46	380	Report of the Committee of Superintendence, provisionally appointed for the College which Lord Minto proposed to establish at Nadiya (*vide* Adam's Report, p. 50).
1818	31	747	Mr. Ward—The accuracy of the number of pupils as given by Mr. Ward was doubted by Mr. Adam (*vide* Report, p. 50).
1829	25	500-600	Professor H. H. Wilson, then Junior Member and Secretary of the General Committee of Public Instruction (Adam's Report, pp. 51-52). (I applied to the Bengal Office for Professor Wilson's Report, but there was no copy found there and none either in the Office of the Home Department of the Government of India).
1864	12 (Nyáya 6, Smriti 6)	Less than 150	Professor E. B. Cowell, in his Report to the Director of Public Instruction of the 17th January 1867, p. 3).
1891 (Time of my inspection)	8 (Nyáya 4, Smriti 4)	99	

Professor Cowell in his report above referred to says, in connection with the figures in his report, that "the number of students is probably not wholly accurate, as of course no register of attendance is kept, and it was not easy to decide whether absent students were really to be counted on the rolls or not."

Mr. Ward's figure is so extraordinarily large as compared with the figure of two years back given in the Committee of Superintendence's Report that it

may be laid aside as inaccurate. Even then, Professor Wilson's figure remains as an indication of increase on the figure of 1816. But the Professor's estimate, 500 to 600, was evidently a rough one, and this from the absence of registers of attendance. It is clear, after all that, the number of *tols* has steadily declined since the first enumeration in 1816, and that the number of pupils has steadily declined since 1829.

59. Nyáya and Smriti have been the principal studies in Nadiya, particularly the former, Nadiya in fact being the first place in all India for the study of Nyáya. Although Nyáya and Smriti students at Nadiya have been declining in number, still Nadiya counts even now among its Nyáya students men from all parts of India.

60. Kávya and Vyákaran, which Nadiya Pandits hitherto disdained to teach in their *tols*, have now beguna to have special *tols* appropriated to them. There are now two *tols* for Kávya and Vyákarana, and a Smriti *tol* also has pupils for these subjects, the total number of students in the three amounting to 33. This new departure does not in any way make up for the comparative neglect of Nyáya and Smriti, but it nevertheless indicates a tendency to expansion under the influence of new forces. Kávya and Vyákarana, though shunned in *tols* as being subjects of a rather elementary character, used hitherto to be taught in schools of a peculiar class called *ákhárás* by the pupils of Nyáya and Smriti *tols*. These *ákhárás* with their pupil-teachers existed when I accompanied Professor Cowell (then Principal of the Sankrit College) in his visit to Nadiya in 1864, but when I visited the place last May I did not find even one in existence, their place being taken by regular *tols* for the teaching of Kávya and Vyákarana. Another subject has also begun to be taught in *tols*, viz., Purána, Bhágabat, Rámáyana, &c. This innovation is evidently due to the increasing strength of the Vaishnava element in the population of Nadiya. Chaitanya was a native of this place, and his followers muster strong here at present, the place being regarded by them as holy land. It is natural, therefore, that Pauranic studies, having a bearing on the tenets of *Vaishnavism* as taught by Chaitanya, should come to have regular schools of instruction in the very head-quarters of the Vaishnavas of Bengal. There are two *tols* (with 15 pupils) in Nadiya now for such studies.

61. So far as three-quarters of a century back, several of the Nadiya *tols* were aded by Government with allowances to their Pandits, and these allowances were continued to their successors in their respective *tols*. Ramchandra Vidyálankár enjoyed an annual allowance of Rs. 71 in consideration of his keeping up a *tol*, and when he died in 1813 his allowance was claimed by a person who could not sustain his claim. The allowance with arrears was, however, ultimately paid to Bholá Nath Siromani, son of Ramchandra Vidyálankár and his successor in his *tol*. In 1818 Sivanath Vidyábáchaspati obtained a continuance of his father's allowance of Rs. 90 a year with payment if arrears. In 1818 Sriram Siromani obtained an annual allowance of Rs. 36 on consideration of his keeping up a *tol* founded and endowed by the Raja of Nator. Ramjay Tarkálankar in the same year obtained a confirmation of his annual allowance of Rs. 62. For these details I am indebted, I may add, to Mr. Adam's valuable Report (section 52). I learn on enquiry made of Pandit Madhusudan Smritiratna, one of the sons of Sriram Siromani, and a Professor in the Sanskrit College, that on the demise of his father, he and his two brothers, all three being men of learning, applied without success to the District Collector for a continuance to them of their father's allowance. On what grounds the allowances to *tols* were discontinued, I have not been able to ascertain.

62. Besides the allowances to the Pandits of the Nadiya *tols* mentioned above, a subsistence allowance to the pupils has long been paid by Government. This allowance was originally of the value of 100 sicca rupees (equivalent to 104 ordinary rupees), and it was increased to Rs. 150 in 1886, on application being made by the Nadiya pupils to the then Lieutenant-Governor, Sir Rivers Thompson, and further increased to Rs. 200 in 1888 on application being made to the next Lieutenant-Governor, Sir Steuart Bayley. I transcribe below passages from the Reports of Mr. Adam and Professor Cowell which give a history of this allowance—"In 1829 the Committee of Public Instruction received orders to examine and report upon a petition to Government from certain students at Nadiya, claiming the restoration or continuance of an allowance amounting to Rs. 100 a month. The Committee deputed their Junior Member and

Secretary (Professor H. H. Wilson) and ascertained that all those students who came from places more than three days' journey from Nadiya had hitherto depended very much upon this grant from Government." (Adam's Report, page 53.)

"The Committee of Revenue found in 1784 that the Raja of Nadiya used to grant an allowance to the *Parooas* (পড়ুয়া) or Sanskrit students of the *tols*, and in 1784 they appear to a certain extent to have sanctioned an annual grant of Rs. 1,200 to this object. It was paid from the treasury of Nadiya, and distributed to the students by a person on the part of the zemindars. On the 18th May 1787 (further enquiry having been instituted), the Board of Revenue directed the Collector to continue the payment of the pension for the present and to charge the same under the head of 'Pension.' On the strength of this order it was regularly paid to the students at the rate of Rs. 100 per mensem. In 1829, at the request of the Collector of Nadiya, the Civil Auditor (April 6th) made a reference, enquiring as to the authority on which the pension was granted. The Board on the 9th June quoted their letter of the 18th May 1787, and at the same time stated thus:—'There is no mention whatever of this allowance in the accounts or correspondence relating to the decennial settlement, and if the payment has been continued without enquiring on the authority, it ought to be immediately suspended and a full explanation of the irregularity furnished by the Collector.'

"The allowance was in consequence discontinued, but a remonstrance from the Nadiya students was received with the recommendations of the Murshidabad Commissioner, dated 22nd January 1830, and was submitted to Government on the 12th February. Meanwhile the late Professor H. H. Wilson (when Junior Member and Secretary to the General Committee of Public Instruction) had visited the *tols* and reported on their state, and in a letter, dated 3rd August 1830, Government sanctioned the continuance of the pension with arrears, and the payment has continued to the present time." (Professor E. B. Cowell's Report, p. 8.)

63. The manner of distribution of the allowance among the pupils at the time of Mr. Adam's report and long afterwards was this:—

"A petty *suraf* or poddar accompanied by one of their number is deputed to receive the allowance at the Collector's Treasury. On his return he divides it among the foreign students, whose presence in the town is perfectly well known. The poddar whom Mr. Wilson saw keeps a shop for the sale of grain and supplies the students with food, advancing them occasional maintenance on the credit of their monthly allowance. They are commonly in his debt, but he is too important a personage, and the students are too numerous and, as Brahmans, too influential for him to practise any fraud upon them. The allowance, he has no doubt, is fairly distributed." The poddar, who till lately had the distribution of the allowance money in his hands, gave me the following history of the allowance:—

The allowance has come down from times antecedent to the English conquest of the country, but when or how it originated he could not say. The Collector of the district used till lately to appoint a distributor of the allowance on the nomination of the pupils, and these usually nominated some well-to-do poddar of Nadiya. So long as the distribution of the money remained in the hands of some poddar, there used to be a muster call of the pupils every Wednesday, and a pupil who was present or absent that day was accounted, respectively, present or absent all the days of the week in which that Wednesday fell. The poddar distributors, I may add, did their work without any kind of remuneration.

64. In 1888, when the allowance was increased to Rs. 200 a month, the distribution was transferred to the Education Department. Under the arrangement then made the local Sub-Inspector of Schools draws the money every month from the District Treasury, and makes it over to an officer called *Tol* Clerk, who is charged with the distribution of the money among the pupils. The *Tol* Clerk keeps a register of the pupils and distributes the money in accordance therewith. Out of the sum of Rs. 200 the *Tol* Clerk gets a remuneration of Rs. 10 a month, and the balance of Rs. 190 remains for the pupils, who out of the amount devote Rs. 4 to Pujas to Podá-Má and Bura Siva. The present *Tol* Clerk is Babu Binod Lal Goswami, 3rd master of the Nadiya Hindu School.

The conditions required to be fulfilled in order to entitle a pupil to subsistence allowance used to be as follows:—

(1) That the pupil be of the Brahman caste.
(2) That he be a student of Nyáya or Smriti.
(3) That his permanent residence be beyond a distance of 60 miles from Nadiya.

These conditions have now been modified as follows:—

(1) That the pupil be of the Brahman, Vaidya, or Bairagi caste.
(2) That he be a student of Nyáya, or Smriti, or Purána, or Kávya,—indeed of any *Sastra* except Vyakarana (Grammar).
(3) That his permanent residence be beyond a distance of five miles only from Nadiya.

65. At the time (1829) of Professor Wilson's visit to Nadiya, each pupil's share of subsistence allowance was from twelve annas to one rupee a month. The present average per head varies from Rs. 2 to Rs. 2-8. The subsistence grant from Government is now indeed double of what it was, but the greatly increased average per head under the easier requirements of the present *régime* clearly indicates a large falling off in the number of Nyáya and Smriti students.

66. Two *tols* of Nadiya deserve special notice, as having been set up—one very recently, and the other about 30 years ago—by two wealthy Hindustanis. The one founded about 30 years ago, called the *Páká Tol*, from the fact of its being, unlike *tols* in general, a brick building. It contains 28 rooms, each about 9 feet by feet, for the accommodation of pupils, and a lecture hall (*dálán*) and two litte verandahs. This elegant building, occupying with an adjoining garden about a bigha of land, was erected at the expense of Babu Babulal Agarwala, a late Hindustani merchant of Calcutta, who made a gift of it to Pandit Prasannachandra Tarkaratna, subject to the condition, as I am informed by Babu Jugal Kisor, Manager of Babulal's estate, that a Nyáya *Tol* was to be held in it. According to the wish of Babulal, the Manager makes a daily gift of half a seer of rice, two chhátaks of *dál*, and two pice besides for the purchase of other necessaries to 30 pupils. To the teacher a similar daily gift is made of rice and *dál*, together with Rs. 15 a month; and Rs. 4 a month and rice and *dál* are given to Pandit Ramkisor, an old student of the *tol*. The pupils of the *tl* are generally not natives of Bengal: they are from distant parts of India—Behar, the Punjab, Kashmir, and the Bombay and Madras Presidencies—and most of them remain in the *tol* until they complete their education. Some remain for very long periods, *e.g.*, Bansidhar Misra, of Mithila and Ramkrishna Pandit of the Punjab have been staying for about 30 years. Both of them have finished their education and teach the beginners. Both of them are bachelors, and have determined to pass the rest of their lives in the *tol* as students. One bad effect of the *páká tol* having been made a personal gift of to the late Pandit Prasannachundra Tarkaratna, has been that his sons after his demise have become owners of the *tol*, although they are not competent to teach like their father. As owners they engaged after their father's death Pandit Jadunath Sárbabhaum, a pupil of their father, to teach in the *tol*; but after a few years, in consequence of a disagreement between them and Jadunath, the latter was ousted, and Pandit Harinath Tarkasidhánta (of Navadvip) was put in his place. After the death of Harinath, they brought Pandit Durgaprasad Tarkálankar from Bikrampur to teach at the *tol*, though there was a feeling of disapprobation among the Nadiya community at this bringing in of an outsider to teach at Nadiya The other *tol*, called, in contrast with the first, the *Kánchá Tol*, is the one established by Ray Bhagwandas Bagla Bahadur, the well-known Calcutta and Rangoon merchant. The accommodation in the *páká tol* being found insufficient, Rai Bhagwan Das Bahadur purchased a piece of land in the neighbourhood of this *tol* with the object of erecting another *páká tol*. The proposed building has not yet been erected, and so the *tol* is now held in a *kánchá* (mud-built) house, the property of the late Pandit Harinath Tarkasidhánta. The Rai Bahadur gives articles of food to 20 pupils on the same scale as in the *páká tol*. Both the *páká* and the *kánchá tols* are now taught by Pandit Durgaprasad Tarkálankár on alternate days.

67. I now come to the institutions, religious and secular, managed either by local associations or by individual patrons, that have been promoting the study of Sanskrit. All these institutions, with the exception of the Maharaja of Bardwan's Sanskrit Pathsálá have been founded only of late years. Twenty of these institutions are in Bihar, five in Bengal, and one in Orissa. The Bihar Sanskrit institutions prepare students mainly for the examinations of the Behar Sanskrit Sanjívan and for the Title Examination.

68. Secular associations, such as those of Madhubani and Revelganj, make it their sole object to maintain Sanskrit schools organized like the English schools in this country. Religious associations (Dharmasabhás), such as those at Muzaffarpur and Matihari, make it one of their objects to maintain Sanskrit schools, which, too, are organized like English schools. Both classes of associations have been doing a great deal towards a revival of Sanskrit learning in Bihar. Detailed information about them is given in the enclosed tables that are marked B. Municipalities in Bihar have also been lending a helping hand towards the prosecution of Sanskrit studies by grants of money to some of the associations.

69. The following are the institutions I visited:—

In Sarun, the Bháratesvari Páthsálá, the Rivers Thompson Gautama Páthsálá, and the Maharaja's Sanskrit Institution; in Patna, the Gorehatta Sanskrit School; in Gya, the Tikaresvari Páthsálá, the Dharmasabhá Páthsálá, the Sanskrit Páthsálá, the Budh-Gaya Sanskrit Páthsálá; in Sháhábád, the Jubilee Upper Sanskrit Páthsálá; in Chumparun, the Dharmasabha School; in Mozaffarpur, the Dvija-Dharma-Bardhiní-Sabhá Páthsálá; the Dharma-Samáj Páthsálá; in Darbhanga, the Sanskrit Páthsálá, the Dharma-Samáj Páthsálá, Maharaja's Páthsálá, the Government Aided Sanskrit Páthsálá; in Bhagalpur, the Maharaja's Sanskrit Páthsálá, the Sanskrit Páthsálá (Golaghat), Chatpati Dharmasabhá Páthsálá; in Monghyr, the Árya Dharma Prachárini Sanskrit Páthsálá; in Murshidabad, the Victoria Jubilee Tol; in Burdwan, the Maharaja's Sanskrit Vidyálay; in Nadiya, the Krishnagar Sanskrit Vidyálaya; in the 24-Parganas, the Sanskrit Institution (Mulajor); in Hooghly, the Bisvanath Chatuspathí; in Cuttack the Purí Sanskrit School, and the Dhenkhanal Sanskrit Vidyálay.

Details about the constitution and working of the above institutions, the objects they propose to themselves, and the means by which these objects are attained, are given in the annexed enclosures marked B.

70. Five Examining Associations have been founded within the last thirteen years. Their functions, detailed in the enclosures marked Care on the model of the Sanskrit Title Examination. They are (1) the Dacca Sárasvat Samáj; (2) the Bihar Sanskrit Sanjíban; (3) the Boaliya Dharma Sabha; (4) the Nadiyá College of Pandits; (5) the Bhatpara Paríkshá Samáj.

71. Of these five institutions, the oldest is the Dacca Sárasvat Samáj. It was founded in September 1878, *i.e.*, within four months of the publication in the *Calcutta Gazette* of the Government of Bengal's scheme for holding the Title Examinations; and the first examination under the Samáj took place a month after the first year's Title Examination. The object of the Dacca Sarasvat Samáj is the promotion of Sanskrit learning, particularly in East Bengal. None but Pandits of East Bengal are eligible as members of this Samáj. At its examinations, held at Dacca, most of the candidates are *tol* students from East Bengal, and the rest are students of the same class from other parts of Bengal. On the result of these examinations, prizes, scholarships, and titles according to the grade of the examinations are awarded to pupils, and rewards to teachers. The Samáj further distributes gratuitously among the *tols* of East Bengal and a few also of other parts of Bengal, a Bengali weekly, called the *Sárasvat Patriká*, which discusses literary subjects as well as matters of practical interest. This paper is published at the press which the Samáj received as a free gift from Babu Raghunath Das of Dacca. The Samáj is altogether a well-organised body, with an aggregate income of Rs. 2,630 a year. Much of the success of the Samáj is due to the ability, learning, and organizing power of its Secretary, Pandit Prasannachandra Vidyáratna. The Samáj receives an annual aid of Rs. 500 from Government.

72. The end which the Bihar Sanskrit Sanjívan proposes to itself is to revise Sanskrit learning, and this end it seeks to attain by laying down courses of study and holding examinations. Its examinations are of two grades, called respectively the First and the Middle Examination; and they are held as preliminaries to the Sanskrit Title Examination, the existence of which the Sanjívan considers a sufficient ground for not holding any Title Examination of its own. All the distinguished Pandits of Bihar are members of the Sanjívan, which includes, besides, several Hindu noblemen and educated gentlemen of Bihar interested in Sanskrit learning. Its President is Dr. Martin, the Bihar Circle Inspector of Schools, and its Secretary is Pandit Ambikadatta Vyas, to whose learning, zeal, and energy, the success of the Sanjívan is largely due. The Maharajas and Rajas of Bihar are its patrons, and so are the present Lieutenant-Governor of these Provinces, the present Divisional Commissioner of Bihar, and the present Director of Public Instruction. It receives a grant of Rs. 500 a year from Government on the condition that it must raise an income of Rs. 1,200 a year from private sources. It has a funded property of Rs. 8,000 invested in Government securities, and holds besides an uninvested sum of Rs. 916, and in 1890-91 the total expenditure was only Rs. 518·4.

73. The Boáliya Dharma-Sabhá is an association established in 1879 for the promotion of the interests of the Hindu religion. In 1884 it made the encouragement of Sanskrit learning an additional object. For the latter purpose it maintains a *tol* at Boaliya and holds examinations annually, one of a higher and the other of a lower standard, the subjects of examination being Nyáya, Smriti, Vedánta. Jyotish, Ayurveda, Sáhitya, and Vyákarana. At these examinations candidates present themselves from different districts—Murshidabad, Nadiya, Pabna, Dacca, Burdwan, Birbhum, Midnapur, &c., those passing by the higher standard receiving titles and some also rewards. Candidates at the examination coming from distant places receive their travelling expenses from the Sabhá. Also selected students are, at the Sabhá's expense, sent to Benares to study the Vedánta and other systems of Philosophy there. The Sabhá also holds annually an assembly of Pandits, and makes presents to them, besides paying their travelling expenses. The Sabhá's annual income for the Bengali year 1295-96, corresponding very nearly to the official year 1889-90 was Rs. 4,168, and the expenditure Rs. 4,151.

74. At Nadiya in 1885-86 was formed a society, named in English. "The Association for the Advancement of Sanskrit Learning and the College of Pandits, Nadiya," and in Sanskrit or Bengali "Sanskrita Vidyá Vibardhiní Vidagdha Janani Sabhá," which literally means Sanskrit-learning-Promoting-Burnt-mother-Society. Podá Má (burnt mother) is the name of an image of the goddess Kálí at Nadiya, because it happened once to be burnt, and to it offerings are made by Nadiya pupils on finishing their *tol* education there. The object aimed at by the Society is stated in the printed report for the year 1889-90 to be, "the advancement of Sanskrit learning and the encouragement of Pandits and pupils engaged in the study of Sanskrit." The Society owes its existence to the efforts of a native of Nadiya, Babu Mahendranath Bhattacharya, M.A., B.L., Personal Assistant to the Excise Commissioner of Bengal. Since its establishment, Babu Mahendranath, as he informs me in reply to an enquiry made, has spent in furtherance of its objects sums varying from Rs. 700 to Rs. 850 every year, and he has also spared no pains to make it a success. Kumar Indrachandra Singh of the Paikpara Raj family is President of the Society. and since 1889-90 he has very liberally paid subscriptions and donations for carrying out the objects it has in view, his total contribution in 1889-90 amounting to Rs. 2,400, and that in 1890-91 to Rs. 2,050. Its income last year was Rs. 2,850, and the expenditure equalled the income.

75. The Society, with the high literary prestige of Nadiya at its back, and all the modern paraphernalia of Fellows, Members, Registrar, and printed Reports attending it, naturally raises large expectations. My own expectations too were large, but I am sorry to have to say that on looking into the inner working of the Society and the outcome of its work, I have been sadly disappointed. The movement lacks that essential of success—co-operation. Whatever Babu Mahendranath's personal exertions may be, and the fact of his being able to visit Nadiya only occasionally must necessarily set a limit

to them, success to his scheme can be assured only by active local co-operation. This, however, is wanting. The Maharaj family of Krishnagar have ever been patrons of the Pandit community of Nadiya. With this family the present movement appears not to have sought to connect itself. Fellows and Members, again, have not their duties defined, and they take little interest in the movement. The Joint and the Assistant Registrar, who reside in Calcutta, have not been able yet, I am informed, to attend the annual meetings of the Society, which, indeed, are its only meetings. Neither the Joint Registrar nor the Principal could inform me what the pass marks in the examinations were, the Principal in fact giving me wrong information; and I got the information only from the Registrar, who appears to be the very life and breath of the Society. Mahámahopádhyaya Bhubanmohan Vidyáratna is styled in the report "Principal of the College of Pandits," and Pandits Madhusudan Smritiratna and Krishnanath Nyáyapanchánan are styled "Professors of Smriti." As the Nadiyá *tols* are quite independent of one another, I do not exactly see what functions Mahamahopadhyaya Bhubanmohan's principalship carries with it. Again, Pandit Madhusudan being a Professor in the Calcutta Government Sanskrit College, and Pandit Krishnanath being a resident of Purbasthali, where he has his *tol*, their Professorships in the Nadiya College of Pandits must be only honorary titles, without any functions attached to them.

76. Much of the Society's business appears to be done in either a loose or a languid way. There are discrepancies between the lists of names of Fellows and office-bearers in different copies of the report for the same year (1889-90), and the abstract of accounts sent to me from Nadiya by Pandit Sarbesvar Bhattacharya (an honorary office-bearer of the Sabhá) does not tally with that furnished me by the Registrar. Nor does the number of passed students as shown in the Report agree with the number given in the tabular statement sent by Pandit Sarbesvar. The certificates given to successful examinees are not free from grammatical mistakes. The results of the examinations held during the cold weather one year are announced during the cold-weather examination season of the next year. Honorary titles, again, have been awarded, and the recipients of these are—the President, the Registrar, and the Assistant Registrar.

77. I now come to the more agreeable task of giving a description of the examinations held by the Society. These are of three ordinary grades, namely, the Preliminary, the Middle, and the Title or Final Examination, with the addition of a special Honour Examination in Nyáya. The subjects of examination are—Nyáya, Sánkhya, Vedánta, Smriti, Purana, Tantra, Yajana-grantha, Vyákarana, and Sáhitya. Although all the above subjects are fixed for the above examinations, candidates have not up to this time presented themselves for examination in them all. The subjects taken up from 1886 to 1889 have been—Nyáya, Vedánta, Smriti, Bhágabat Purána, Vyákarana and Sáhitya. The Report for 1889-90 gives the text-books for the three ordinary grades of examination, but none for the Honour Examination in Nyáya. The text-books fixed for the Title Examination in Nyáya include one work, which, I am afraid, will long prevent candidates from appearing at this examination. This work is *Bauddhádhikára*, which, as far as I know, no Pandit in Bengal has read through. It is remarked in the introduction to the Report that "none has been able to pass the Title Examination in Nyáya of the College of Pandits, Nadiyá." This is owing more to the inclusion of such a work as *Bauddhádhikára* in the Nyáya Title course of studies than to any other cause. The earlier examinations in Nyáya appear to be easy enough, for out of 12 candidates in three years, only one was plucked, 25 per cent. of the marks for each paper together with an aggregate of 33 per cent. being required for passing.

Besides the examinations held, the Society's work at its annual gatherings consists of the award of titles and money prizes to successful candidates and of rewards to teachers, discussions on questions connected with the Hindu Sástras, and the distribution of presents to all the Pandits invited, the Fellows and Members being included.

78. The Pandits of Bhatpara, headed by Mahámahopádhyaya Rakhaldas Nyáyaratna, set up an association called the "Paríkshá Samáj" in 1890. The paríkshás or examinations are of two grades, called the first and the second examinations respectively, for all subjects except only Nyáya, which has a third and a fourth examination—all subordinate to the Government Title Examin-

ation. The subjects of examination are—Nyáya, Sánkhya, Vedánta, Jyotish, Smriti, Sáhitya, and Vyákarana. All the Bhátpara Pandits are members of the Samaj, Mahámahopádhyáya Rákháldas Nyáyaratna being its President, and Pandit Panchanan Tarkaratna its Secretary. It has done me the honour of electing me Superintendent of its affairs. Not more than one examination has it held yet. The appearance, however, of so many as 45 candidates at this examination from different districts, some of the candidates being students of *Sánkhya* and *Vedánta*, promises well for the future of the Samáj's examinations. The Samáj has no fixed income at present.

79. At Barisal there is a Dharma-Sabha which makes the diffusion of a knowledge of the doctrines of Hinduism its main object. As connected with the main object, it resolved during my inspection tour in Barisal to encourage Sanskrit learning by holding different grades of examinations, the last being identical with the Government Title Examination. On the examinations being held, scholarships will be awarded to meritorious students and rewards to their teachers. Several Hindu zamindars and pleaders are members of the Sabhá, of which the Secretary is Babu Ambikacharan Guha, a leading member of the local bar.

80. All the above associations have promised co-operation in any measures that may be taken by Government for the improvement of *tols* and the encouragement of Sanskrit learning.

81. Before making my suggestions for the encouragement of Sanskrit studies in the Indian style, I think it necessary to point out the causes owing to which, as far as I can see, such studies have steadily been declining in the land. It was by means of gifts of rent-free land and of money that such studies were fostered in the past, and such gifts flowed freely from wealthy Hindus, as Hindus have always considered it to be an act of religious merit to help the teachers and learners of the Hindu Sástras. This belief hs been changing of late, and so gifts have been becoming scantier and scanier in proportion. Rise in prices has again made it impossible for Pandit teache·s to maintain themselves and family, and their pupils in the bargain, upon such income as sufficed generations ago. Pandit families at the same time have come to be a less self denying class than they used to be. The old custom of sons pursuing the calling of the father, which made Pandits' sons grow up to be Pandits, unless they happened to lack the mental power to do so, is losing its hold upon the country, and Pandits' sons are accordingly being trained up for secular callings that promise better prospects from a worldly point of view than the calling of a Pandit. Thus it is that families of Pandits in Bengal have al been tending to assimilate themselves to the other Brahman families of the province, *i.e.*, have all been tending towards secular callings that hold out prospects of pecuniary gain. Most of the best Pandits of Bengal, all the Mahámahopádhyayas without exception, have trained up or are training up their sons or grandsons for other callings than their own, have given them or are giving them, in fact, an English education. It is but natural that men should prepare their sons for such walks of life as they think would be most advantageous to them, and this is what the Pandits of Bengal have been doing. Non-Pandit Brahman families hardly ever think of training up any juvenile member at a *tol* for the career of a Pandit. Our *tols* are thus being threatened with a stoppage of supply of boys. An utter stoppage of supply is not likely to occur in the near future, but matters appear to be tending to this. The aggregate intellectual capacity of the present generation of *tol* students is lower than that of the past generation as unquestionably, I think, as the number is lower; and this deterioration in quality and decrease in number, judging from present circumstances, tend to be progressive. To arrest this decline very liberal help from individuals and from the State would be needed. The question of private help does not fall within the scope of this report, which need only discuss how and to what extent it would be desirable and practicable for the State to render help for the improvement of *tols* and the encouragment of Sanskrit studies. Regular aid to *tols* would obviously suggest itself as the most effective means of imparting new vitality to them, and aid almost all the *tols* are willing to receive, as I have ascertained by enquiry. A comprehensive system of aid would require, however, a very large annual expenditure, which the State is not prepared, I understand, to incur, and so such a system of aid is out of the question. The

tols, again, are, generally speaking, so similarly circumstanced that it is not possible to pick out some among them in every district as the fittest to receive grants. There are numerous other *tols*, besides those included in my tables, which number 761, so that selection would be most impracticable. To only a few *tols* of an exceptional character am I able, therefore, to recommend any regular aid, namely in Bengal to two Nyáya *tols* and one Smriti *tol* at Nadiyá, in Behar to the Thompson Gautama Pathsálá at Revelganj, and in Orissa to the Sanskrit Pathsálá at Puri.

82. Nadiya, as the historical centre of Sanskrit learning in the provinces and as the chief seat of the study of the Nyáya Philosophy in India, deserves exceptional treatment. Indeed, help has long been rendered by Government to the Nadiya *tols*, as shown in the foregoing part of this report. Subsistence allowance to pupils has been the chief part of this help, and a continuance of this allowance has been advocated by Professor Wilson, by Mr. Adam, and by Professor Cowell at different times. The subsistence allowance, as already stated, has been recently raised to Rs. 200 a month, and I would propose this to be supplemented by a monthly grant of Rs. 220 to the two best Nyáyá *tols* and the best Smriti *tol* of the place. The grant may be divided as follows:—

		Rs.
1.	Nyaya Tol, No. 1	100
2.	Nyaya Tol, No. 2	60
3.	Smriti Tol	60

83. Nyáya must have a decided preponderance at Nadiya for the simple reason that to the Nyáya *tols* of Nadiya come pupils from all parts of India. As regards Smriti, Nadiya attracts pupils only from Bengal. The grants I have proposed, I put at a sufficiently high figure that a position of comparative independence might be secured to the Pandits of the *tols* that receive them, and that there may be an adequate inducement to dispose them to be placed under some kind of control. As each *tol* would be under a single Pandit, the grant to the *tol* would be but a *vriiti* (allowance) to the Pandit of the *tol*. I would also propose a change in the administration of the pupils' subsistence allowance of Rs. 200 a month. The allowance is now shared by other than Nyáya and Smriti pupils, a recent innovation. I would propose that the old system of paying subsistence allowance to only Nyáya and Smriti pupils be reverted to, and this on the following grounds. Other branches of Sanskrit learning—Kávya, Vyákarana, &c., are cultivated in so many other places that any special encouragement of such studies at Nadiya is uncalled for, while special encouragement of Nyáya and Smriti studies, for which Nadiyá has been celebrated, would be most appropriate. Subsistence allowance being restricted to Nyáya and Smriti pupils, it would be possible to fix each pupil's monthly allowance at a sum that would deserve the name of subsistence allowance. I would accordingly propose that Nyáya and Smriti pupils who are not local residents should receive a monthly allowance of Rs. 4 each, with the exception however of the *Páka* and *Kánchá Tol* students, who already receive daily gifts of rice, dál, and two pice each. For these students I would propose a monthly allowance of Rs. 2 each. The present limit of Rs. 200 a month need not be exceeded.

84. I would further propose that a subsistence allowance of Rs. 25 a month be granted by Government for five Vedic pupils in Calcutta, when arrangements for instruction in the Vedas, about which certain proposals have been made, are effected. Provision for teaching the Vedas has been a long-felt want in Bengal, and practical steps are now being taken by certain Hindu gentlemen towards supplying the want. Babu Dwarakanath Pal of Bansberia has made over to Government 4 per cent. Government Promissory notes for Rs. 5,000 as an endowment fund for the promotion of Vedic studies, and his offer has been accepted by Government; and the Mohanta of Tarakeswar has offered for five years certain a monthly contribution of Rs. 30 for provision being made in the Sanskrit College for teaching the Vedas. Under the patronage of the Hon'ble Dr. Guru Das Banerji a Vedic *tol* is also going to be established in Calcutta. I do not propose any definite scheme for the distribution of the grant I propose, because there are no Vedic pupils at present in Calcutta.

85 For the Thompson Gautama Pathsálá at Revilganj, I would propose a monthly grant of Rs. 40 for provision being made for the teaching of Nyáya. The Pathsálá being named after the founder of the Nyáya Philosophy, it

would belie its name if it taught no Nyáya. For the Puri Sanskrit Pathsálá I would propose a monthly grant of Rs. 30. This sum would enable the Committee of Management to make their arrangements for instruction in Nyáya, as I am informed by the Secretary to the Committee. A Nyáya chair is a necessity at Puri, and such a chair cannot be created, I am informed by the Secretary, without an addition to the funds at the disposal of the Committee. To the other Sanskrit schools in the provinces, that are maintained by associations, I would also recommend the grant of aid, the amount being determined in accordance with the requirements and resources of each.

86. I would also propose that a system of payment by results be instituted in connection with *tols*. Payment by results might be on the lines of the system now in force in connection with the Sanskrit Title Examination, *i.e.*, on the results of examinations held, rewards to pupils and teachers, on a graduated scale, might be awarded. The examinations might be left to be conducted by local learned associations like the Dacca Sarasvat Samáj and the Behar Sanskrit Sanjívan, in accordance with principles approved by the Director of Public Instruction. Further details would have to be settled, if the proposal is accepted by Government. The first requisite for the settlement of details would be a knowledge of what sum Government is prepared to spend annually for the purpose of encouraging the *tol* system of instruction. The question of money must lie at the root of all schemes of improvement.

87. There is no local association at present in Orissa capable of undertaking examinations. Materials, both in men and money exist, however, for the formation of such an association, and from the conversation I have had with Raja Baidyanath Pandit and Babu Hariballabh Basu, of Cuttack, and certain other gentlemen on the subject, I am hopeful of an association being formed in no long time.

88. I would finally propose that Municipalities and District Boards be induced to assign a portion of the educational funds at their disposal to the support of deserving *tols* within their respective spheres. As already stated, several Municipalities do at present render help to *tols*, and a few District Boards also do the same. Considering the awakening of the Hindu mind that has been going on all around under the influence of Western knowledge, it is but reasonable to expect that hardly any Municipality or District Board would refuse to render help.

89. In conclusion. I have to thankfully bear testimony to the effective help rendered me by the Divisional Commissioners, District Magistrates, and Educational Inspecting Officers, of whom I had occasion to ask for help. My thanks are no less due to certain independent native gentlemen. In fact, wherever I sought help, help was cordially given.

MAHESA CHANDRA NYAYARATNA,

CALCUTTA, *the 7th September* 1891. *Principal, Sanskrit College.*

RESOLUTION ON THE REPORT OF THE CHEMICAL EXAMINER FOR THE YEAR 1891.

MUNICIPAL DEPARTMENT—MEDICAL.

Calcutta, the 22nd March 1892.

RESOLUTION No. 742 Med.

READ—

A letter from the Inspector-General of Civil Hospitals, No. 1665, dated 23rd February 1892, forwarding the Report of the Chemical Examiner for the year 1891.

Read also—

The report for the year 1890 and the Resolution recorded upon it.

The following table shows the general nature of the work done during the year as compared with that of the previous year:—

TABLE No. I.

Medico-legal.	1890.	1891.
Human viscera tested for poison ...	221	228
Cattle ditto ditto ...	122	118
Fowls' ditto ditto ...	4	...
Goats' ditto ditto ...	1	...
Pigs' ditto ditto ...	1	...
Pigeons' ditto ditto ...	...	5
Dogs' ditto ditto ...	...	3
Cats' ditto ditto ...	...	1
Mules' ditto ditto ..	...	1
Substances suspected to be or to contain poison, including cattle-poison	731	745
Articles tested for blood stains	158	235
Ditto for seminal stains ...	8	21
Ditto for both blood and seminal stains	29	49
Human hair	1	7
Cotton fibre	...	1
Total ...	1,276	1,414
Articles tested for purity and quality.		
Potable water	61	100
Petroleum and inflammable oils... ...	305	397
Lime-juice	38	26
Opium confiscated	28	103
Do. from the Board of Revenue, Lower Provinces	6	16
Salt	7	12
Ghee	26	39
Spirit for deleterious adulterations ...	45	53
Spirit determinations for the Collector of Customs, Calcutta	253	147
Articles for Small Arms Ammunition Factory, Dum-Dum	531	520
Articles for Fort William Arsenal ...	4	2
" Medical Store Department ...	2	1
" Telegraph ditto ...	18	6
" Commissariat ditto ...	93	74
" Army Clothing ditto ...	...	3
" Other departments	53	150
Total ...	2,746	3,063

2. There was thus an increase of 317 cases in the analytical work of the laboratory during the year, the increase in medico-legal cases being 138. Of the 228 cases in which human viscera were examined, poison was found in 99 or in 43·42 per cent. Opium was detected in 47 cases, arsenic in 24, and other poisons in 28. The Lieutenant-Governor notices that in 21 cases the original autopsy had been performed by Civil Hospital Assistants; 15 of these cases, however, came from Kuch Bihár and Assam.

3. Out of 745 articles received during the year in connection with supposed poisoning cases, traces of poison were detected in 321; the principal poisons being arsenic, found in 174 cases, aconite, found in 29, opium, in 23, and atropine, in 17. The number of supposed cattle poisoning cases in which viscera of cattle were received for examination was 118. In 77·96 per cent. of these arsenic was detected.

4. Besides analytical work, the Chemical Examiner had to report on eight technical questions referred to him by Departments under the Imperial and Bengal Governments, and eight applications for leave to file specifications for patent rights. He also verified three sets of apparatus for testing petroleum for various ports, and prepared, at the instance of the Board of Revenue, an extremely elaborate and complete set of tables of alcoholic specific gravity. It is satisfactory to observe that the number of analyses of drinking water rose from 61 to 100. The Lieutenant-Governor is anxious to encourage the collection of precise information on this subject, which exercises so direct an effect on the health of the population of Bengal. If the people who live in Municipal towns knew the true character of the water that most of them are in the habit of drinking, there would be less difficulty in getting them to interest themselves in procuring a pure supply. The attention of the Sanitary Commissioner will be drawn to this point, and he will be asked, when inspecting a municipality, to procure samples of the water in ordinary use. These will be sent to the Chemical Examiner, and the results of his examination will be published. A special paragraph should also be devoted to this subject in the Chemical Examiner's report, showing the quarters from which the other specimens of water were received and classifying the results.

The thanks of the Lieutenant-Governor are due to Dr. Warden for the good work he and his Assistants have done during the year.

By order of the Lieutenant-Governor of Bengal,

H. H. RISLEY,

Offg. Secretary to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 19th March 1892.

Division	No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.				
BURDWAN DIVN.	1	Burdwan Mar. 19, '92 Kalna ... Katwa ... Raniganj ...	Nil Nil Nil Nil	Weather—getting warm. Sugarcane pressing nearly finished. Prices almost stationary. Prices of common rice— Srs. Sadar ... ... 12 to 16 per rupee. Kalna ... ... 10 to 18½ per rupee. Katwa ... ... 13½ per rupee. Raniganj ... ... 13½ per rupee.
	2	Bankura .. 19, '92	Nil	Weather—mornings cool, days hot. Pressing of sugarcane and *rabi* harvest still continues. Rain wanted. Fodder and water not sufficient. Common rice selling at 15 seers per rupee at Bankura and 16¾ seers at Vishnupur.
	3	Birbhum .. 19, '92 Rampur Hât ...	Nil Nil	Weather—warm. Nothing to report about crops. Fodder and water sufficient, though tanks and wells less full this year than at the corresponding season last year, and straw is dearer than last year. State of cattle normal. Common rice selling at from 13 to 16 seers per rupee.
	4	Midnapur ,, 19, '92	Nil	Weather—fair; becoming very hot. Indigo doing well. *Rabi* crops are being gathered. *Boro* paddy suffering from long drought. Scarcity of water in Ghatál. Prices of common rice— Srs. Sadar ... ... 13 per rupee. Contai ... ... 16 per rupee. Tamluk ... ... 13 per rupee. Ghatál ... ... $14\frac{6}{16}$ per rupee.
	5	Hooghly .. 19, '92 Serampore ... Jahánabad ...	Nil Nil Nil	Weather—seasonable. *Rabi* crop is not a good one. Sugarcane pressing in progress. No difficulty in obtaining fodder and water-supply. Prices of common rice— Srs. Sadar ... ... 10 per rupee. Serampore ... ... 12 per rupee. Jahánabad ... ... 14 per rupee.
	6	Howrah ,, 19, '92 Ulubaria ...	Nil Nil	Weather—getting warmer. *Rabi* crops suffering for want of rain. Outturn of sugarcane good. Price of common rice 12¼ to 13 seers per rupee. State of cattle satisfactory. Fodder and water-supply deteriorating.
PRESIDENCY DIVN.	7	24-Parganas ,, 22, '92	Nil	Weather—seasonable. Prospects not good. Rain much wanted. Prices stationary. Complaints of want of drinking water have been received from all the stations in Sadar. Supply of fodder sufficient. Health of cattle generally good.
	8	Nadia ,, 19, '92 Kushtia ... Meherpur ... Chuadanga ... Ranaghat ..	Nil Nil Nil Nil Nil	Weather—hot. *Rabi* crops being harvested; outturn bad. Rain wanted for sowing operations. Common rice selling at 12 seers to 13 seers 14 chitaks per rupee. Supply of fodder sufficient, but water insufficient in places. Wells are being dug.
	9	Khulna ,, 19, '92 Bágerhat .. Satkhira ...	Nil Nil Nil	Weather—very hot during day. *Boro* paddy is being sown. Rain much wanted. Price of common rice 13 to 16 seers per rupee. Fodder and water sufficient, except in some places in Mollahat.
	10	Jessore .. 19, '92 Jhenidah ... Magura ... Narail ... Bangaon .	Nil Nil Nil Nil Nil	Weather—nights and mornings cool, days hot. Rain badly wanted. *Rabi* harvest nearly over. Fodder sufficient. Water-supply insufficient in some places in the Jhenidah and Magura sub-divisions.
	11	Murshidabad ,, 19, '92	Nil	Weather—getting hotter every day. Linseed, *matar*, mustard and wheat are being harvested. Fodder and water available for cattle. Small-pox amongst cattle reported from Mirzapur in Jangipur sub-division. Coarse rice sells at 12 seers per rupee.
CHITTAGONG DIVN.	12	Chittagong ,, 19, '92	Nil	Weather—seasonable; nights somewhat cool. Rain badly wanted for vegetable crops. Prices slightly rising. Condition of cattle generally good. Supply of fodder sufficient.
	13	Noakhali ,, 19, '92	Nil	Weather—hot in the day, cool at night. *Rabi* crops are being harvested with poor outturn. Land is being ploughed for *aus* rice. Rain very badly wanted. Water getting scarce all over the district, especially in the islands. Fodder sufficient. Common rice sells at 13¼ seers per rupee.
	14	Tippera .. 19, '92	Nil	Weather—hot. Prospects of crops fair, but rain wanted. No cattle-disease. Fodder sufficient.
	15	Chittagong Hill Tracts. ,, 17, '92	Nil	Weather—unseasonably cold from evening to morning, and very hot during midday. Vegetables not doing well for want of rain. Gathering of chillies continues. Preparation of plough land going on. Transplanting of sugarcane almost over. *Jum* cutting continues. Cattle-disease still prevailing in some places. Common rice is being sold at 11 seers 2¼ chitaks per rupee.

No.	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—concld.				
DACCA DIVN. 16	Dacca	Mar. 19, '92	Nil	Weather—seasonable. Harvesting of *rabi* crops nearly completed; prospects fair. *Cheena, kaon*, and *boro* paddy thriving. Ploughing of land for jute and rice going on. Sowing of rice commenced, but rain wanted. Fodder available. Common rice selling at from 12 to 16 seers per rupee. Condition of cattle generally good.
17	Faridpur	" 19, '92	Nil	Weather—hot with high south-west winds. State of crops generally fair, but rain wanted for *jali* paddy, &c. Rice selling at 14 seers per rupee at Sadar and Goalundo, and at 14½ seers at Madaripur. No cattle-disease and no want of fodder.
18	Backergunge	" 19, '92	Nil	Weather—hot in the day and cool at night, with foggy mornings. State and prospects of crops fair. Rain is much needed. Ordinary rice selling at from 10 to 14 seers per rupee. Fodder and water sufficient.
19	Mymensingh	" 19, '92	Nil	Weather—hot. Rain wanted for *boro* paddy and other standing crops. Common rice sells at from 13 to 17 seers per rupee. Some insufficiency of water in Kishoreganj. Condition of cattle good.
RAJSHAHYE DIVN. 20	Dinajpur	" 19, '92	Nil	Weather—dry and hot. Rain urgently wanted for the cultivation of lands for *bhadoi* and jute. Ploughing still going on in some places. Price of rice at Sadar 12 to 12½ seers per rupee, that at Thakurgaon unchanged. Condition of cattle good. Supply of fodder and drinking water fair.
	Thakurgaon	...	Nil	
21	Rajshahi	" 19, '92	Nil	Weather—seasonable; getting warmer every day. Rain very badly wanted for cultivation of land for *bhadoi* and jute. Ploughing going on where possible. Health of cattle good. Fodder plentiful. Water scanty only in Nowgong sub-division. Common rice selling at from 11 to 15½ seers per rupee.
	Nator	..	Nil	
	Nowgong	...	Nil	
22	Rangpur	" 19, '92	Nil	Weather—getting warmer. Prospects unfavourable. Rain is much needed for sowing *aus* rice and jute. Price of common rice 10 to 12 seers per rupee. Fodder sufficient.
	Gaibanda	...	Nil	
	Nilphamari	...	Nil	
	Kurigaon	...	Nil	
23	Bogra	" 19, '92	Nil	Weather—hot, fine and dry, with varying winds. State and prospects of the few standing crops are moderate. Rain much wanted for the grass, and for helping ploughing. No scarcity of water or fodder reported. Common rice selling on the average at 13 seers a rupee: the price varies from 10 seers 2 chitaks to 14 seers 12 chitaks per rupee.
	Sherpur	...	Nil	
	Naukhilla	...	Nil	
24	Pabna	" 19, '92	Nil	Weather—seasonable; nights cold, days hot. Rain very much wanted for ploughing. Price of common rice varies from 12 to 13 seers per rupee. Fodder and water sufficient.
25	Darjeeling	" 19, '92	Nil	Weather—fair. Tobacco and wheat suffering for want of rain in some places in Terai. Ploughing going on. Barley and wheat progressing favourably. Fodder getting scarce in Terai. Water sufficient. Some cases of cow-pox in the hills.
26	Jalpaiguri	" 19, '92	Nil	Weather—getting hotter every day. Rain much wanted. Cultivation still going on for *bitri* or *bhadoi*. *Rabi* crop is being harvested. Rice is being sold at from 8 to 10 seers per rupee. No cattle-disease. Fodder and water still sufficient.
BEHAR.				
BHAGULPORE DIVN. 27	Monghyr	" 19, '92	Nil	Weather—hot in afternoon with west wind. *Rabi* being harvested. Poppy, mango, and *mahua* slightly damaged by west wind. Rain wanted soon for sowing. Price of coarse rice 10 to 14 seers per rupee. Fodder and water sufficient, and condition of cattle good.
	Begusarai	...	Nil	
	Jamui	.	Nil	
28	Bhagalpur	" 19, '92	Nil	Weather—days hot, nights still pleasant. Reaping of *rabi* crops going on. Linseed outturn expected to be 4 annas. Ploughing continues, but want of rain is felt. West wind has injured mango crop and *mahua* blossoms. Fodder still sufficient. Water low.
29	Purnea	" 19, '92	Nil	Weather—warm for the time of year. Harvesting of tobacco nearly finished and a good deal of the crop has come into the market. Sowing of *kauni*, *cheena* and *mung* continues as does the ploughing for *bhadoi*. Rain wanted for the latter and indigo. No cattle-disease or want of fodder or water. Prices of common rice— Srs. Sadar ... ... 11 to 12 } per rupee. Kishanganj ... ... 10 } Araria ... . 13 }
	Kishanganj	...	Nil	
	Araria	...	Nil	
30	Malda	" 19, '92	Nil	Weather—getting warmer every day, with westerly winds. Reaping of *rabi* crops in full progress. *Boro* paddy thriving and its condition is generally fair. Supply of fodder and water sufficient. No cattle-disease. Coarse rice sells at from 10 to 13 seers 5 chitaks a rupee.
	Chanchal	...	Nil	
	Shibganj	...	Nil	
	Gajol	...	Nil	
31	Sonthal Pergunnas	" 19, '92	Nil	Weather—hot with west winds by day, cool at night. Wheat harvest begun. Prospect of mangoes good. *Mahua* promising; beginning to drop. Price of rice varies from 11 to 14 seers per rupee. Fodder sufficient. Water reservoirs drying.

Division	No.	District and date of return.	Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BEHAR—*concld.*				
PATNA DIVISION.	32	Patna Mar. 19, '92	Nil	Weather—getting hotter. Strong west winds prevailing. *Rabi* harvest in progress. Opium gathering almost finished. Prices of food-grains almost stationary. Common rice selling at from 12 to 14 seers per rupee.
	33	Gaya " 19, '92 Jahánabad ... Aurungabad ... Nawáda ...	Nil Nil Nil Nil	Weather—growing hot with high west winds. Reaping and threshing of *rabi* crops going on. Extraction of opium finished. Prices of food-grains rising. Supply of fodder and water yet sufficient, except in some villages of the Aurangabad sub-division.
	34	Shahabad " 19, '92 Buxar ... Bhabhua ... Sasarám ...	Nil Nil Nil Nil	Weather—very hot. West wind. *Rabi* harvest nearly finished; outturn fair. Prices of wheat, gram, and other *rabi* crops have fallen in Bhabhua. General condition of people good. Fodder for cattle sufficient.
	35	Darbhanga " 19, '92	Nil	Weather—days hot, nights still cool. *Rabi* still being harvested. Paddy and *mung* are being sown in low lands. Prices of food-grains slightly rising. Fodder and water getting scarce in places.
	36	Muzaffarpur " 19, '92 Sitamarhi ... Hajipur ...	Nil Nil Nil	Weather—hot with west winds. *Rabi* harvest progressing. Indigo sowings completed. Lands are being prepared for next crops, and sowings of *mung* and paddy being made in places. Prices on the whole steady with a slight tendency to rise. 1,500 to 1,600 persons employed on relief works. Demand for work increasing, but otherwise no complaints. Fodder and water sufficient.
	37	Saran " 19, '92	Nil	Weather—hot and seasonable. West winds continue, but less strong than in last week. Harvesting of all *rabi* crops in full progress. Poppy has suffered from the west winds. Rain wanted for indigo. Fodder and water sufficient. Prices of common rice— Srs. ch. Chapra ... ... 12 8 } per rupee. Siwán ... ... 13 12 } per rupee. Gopalganj ... ... 13 6 } per rupee.
	38	Champaran " 19, '92	Nil	Weather—days growing hot, nights and early mornings cool. Harvesting of *rabi* proceeding. Extraction of opium in progress. *Cheena*, &c., are being sown. Indigo germinated is doing well. Prices steady. Fodder and water plentiful.
ORISSA.				
ORISSA DIVN.	39	Cuttack " 19, '92	Nil	Weather—hot and dry with cold mornings. *Dalua* crop in ear. Rain much wanted. Fodder-supply sufficient. Rice sells at from 12 seers 8 chitaks to 18 seers 6 chitaks per rupee.
	40	Puri " 17, '92	Nil	Weather—seasonable. Land being ploughed in places for next *sarad* crop. *Dalua* paddy ripening. Miscellaneous crops doing well. Common rice sells at from 12¼ to 16 seers per rupee.
	41	Balasore " 19, '92	Nil	Weather—dry, but cool for the time of year. Outturn of sugarcane about 15 annas. Rain much wanted. Common rice selling at from 15 to 18 seers per rupee.
CHOTA NAGPORE.				
South-West Frontier Agency.				
CHOTA NAGPORE DIVN.	42	Hazáribágh Mar. 19, '92 Giridih ...	Nil Nil	Weather—warm with west winds. *Rabi* crops being harvested; poor outturn. Prospects of *mahua* and mango continue good. Common rice selling at from 12 to 14 seers per rupee. Water and fodder sufficient in most places.
	43	Lohardaga " 19, '92	Nil	Weather—getting hot. Ploughing stopped for want of moisture. Prospect of mangoes favourable. Common rice selling at 13 seers per rupee. Fodder and water sufficient.
	44	Palámau " 18, '92	Nil	Weather—hot and sometimes stormy. Harvesting of *rabi* crops progressing; outturn will be very poor. Sugarcane doing well. *Mahua* crop promises to be excellent. Common rice selling at 14 seers per rupee. Fodder getting short, though water-supply yet sufficient.
	45	Singhbhum " 19, '92	Nil	Weather—getting very hot. *Rahar*, gram, *khesari*, *masuri*, wheat and linseed are being harvested. Price of rice stationary.
	46	Manbhum " 19, '92 Gobindpur ...	Nil Nil	Weather—hot and dry. *Mahua* prospects excellent. Mango crop not so promising. Rain badly wanted. Sugarcane crop has this year been very good indeed. Prices steady. Fodder and water-supply (especially latter) getting scarce.

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 22nd March, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (*RETAIL*) OF FOOD-GRAINS, FIREWOOD AND SALT IN THE HEAD-QUARTERS STATION BAZARS OF THE DISTRICTS OF BENGAL DURING THE FORTNIGHT ENDING THE 15TH MARCH, 1892.

PRICES-CURRENT (*retail*) *of Food-grains, Firewood, and Salt in the*

QUANTITIES PER RUPEE IN

	Number.	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Jowar or Cholum. (*Sorghum Vulgare.*) Present return.	Jowar or Cholum. Next preceding return.	Jowar or Cholum. Corresponding return of last year.
BENGAL.			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Burdwan Division.	1	Burdwan ...	11 8	11 8	11 10	...	...	...	11 10	11 10	15 0	13 14	13 14	17 13	...	...	...
	2	Bankura ...	11 4	11 4	13 12	16 0	16 0	18 0	12 8	12 8	18 0	15 8	15 10	20 0	...	...	...
	3	Birbhum ...	10 8	12 8	13 8	...	...	...	11 4	13 0	13 8	13 8	15 0	18 0	...	...	...
	4	Midnapore ...	11 0	11 0	10 8	...	..	...	10 0	11 0	12 8	13 0	14 0	17 8	...	...	...
	5	Hooghly ...	13 0	13 0	13 0	...	...	...	8 0	8 0	8 0	13 0	13 0	14 0	...	...	...
	6	Howrah ...	...	...	...	...	...	...	10 0	10 0	11 0	13 0	12 8	15 4	...	...	...
Presidency Division.		Calcutta ..	11 2	11 3	11 13	15 13	17 3	18 2	8 1	8 1	9 10	11 10	11 9	14 1	16 2	15 14	17 7
	7	24-Parganas ..	10 8	10 8	10 0	16 0	16 0	17 0	8 0	8 0	8 0	13 0	13 0	16 0	...	...	...
	8	Nadia ...	12 1	12 1	12 13	20 0	22 11	...	10 10½	10 10½	13 5	12 1	11 13½	15 4	...	...	...
	9	Khulna ...	...	...	...	...	...	...	12 12	13 5	15 0	14 0	16 0	17 8	...	...	...
	10	Jessore ...	10 0	10 0	11 0	...	...	...	11 8	12 0	14 0	14 4	14 8	16 0	...	...	...
	11	Murshidabad ...	12 0	12 0	10 0	...	...	...	9 0	10 0	11 0	12 0	13 8	15 0	...	...	...
Chittagong Division.	12	Chittagong ...	9 4	10 0	12 0	...	.	...	9 0	10 0	12 8	11 15	13 0	16 7	...	...	...
	13	Noakhali ...	...	...	...	...	...	...	12 0	12 0	16 0	13 0	13 0	17 0	....	...	...
	14	Tippera ...	10 0	10 0	11 7	..	..		10 0	10 0	13 5	13 5½	13 5½	17 11½	..	...	...
	15	Chittagong Hill Tracts.	...	...	...	...	...	...	10 0	10 0	11 6¼	11 2¼	11 3¼	13 5¼	...	...	...
Dacca Division.	16	Dacca ...	10 8	11 0	12 0	20 8	25 0	14 0	12 0	12 0	15 0	15 0	14 0	17 0	...	...	...
	17	Faridpur ...	16 0	12 0	13 0	12 0	16 0	13 0	10 0	10 0	9 0	14 0	16 0	16 0	...	...	...
	18	Backergunge ...	...	...	...	...	.	...	11 4	11 4	13 9	12 12	12 12	16 4	...	...	...
	19	Mymensingh ...	10 0	9 0	...	...	.	...	10 8	11 0	11 4	14 0	14 0	15 0	...	...	...
Rajshahi Division.	20	Dinajpur ...	10 13	11 2	9 10	18 0	18 0	16 0	8 6	9 9	15 0	11 0	12 0	18 0	...	...	...
	21	Rajshahi ...	13 8	12 0	15 0	25 4	26 4	21 0	10 8	10 8	15 0	11 10	12 0	15 15	...	...	...
	22	Rangpur ...	9 0	9 0	13 0	...	...	...	9 0	9 0	9 6	10 12	10 10	14 8	...	...	...

A In subdivisions retail prices of salt per rupee are :—Katwa 12 seers, Kalna 10 seers, and Raniganj 10 seers.
B At Vishnupur retail price of salt, 10 seers per rupee.
C At Rampur Hat retail price of salt, 10½ seers per rupee.
D In subdivisions retail prices of salt per rupee are :—Tamluk 10½ seers, Ghatál 11 seers.
E In subdivisions retail prices of salt per rupee are :—Serampore (at Bhadressur) 12¼ seers and Jahánabad 11 seers 7 chitaks.
F In subdivisions retail prices of salt per rupee are :—Barasat 10 seers 10 chitaks, Basirhat (Baduria) 10½ seers, Diamond Harbour (at Magrahat) 10 seers 10 chitaks, and Dum-Dum 10 seers.
G In subdivisions retail prices of salt per rupee are :—Kushtia 10½ seers, Meherpur 10 seers, Chuadanga 10 seers, and Ranaghat 10½ seers.
H In subdivisions retail prices of salt per rupee are :—Satkhira 10½ seers and Bágerhat 8 seers.
I In subdivisions retail prices of salt per rupee are :—Jhenidah 10 seers, Magura 10 seers, Narail 9 seers 10 chitaks, and Bangaon 10½ seers.

...RS OF 80 TOLAHS.

...JRA OR CUMBU. (...nnisetum typhoideum.) Present return	Next preceding return	Corresponding return of last year	MARUA OR RAGI. (Eleusine Coracana.) Present return	Next preceding return	Corresponding return of last year
Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
..	...	...	...	...	...
..	...	...	...	...	..
..	...	...	...	...	...
..	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
5	13 14	10 14	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	..
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	..	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	..	...	...	...
...	..	...	...	..	...
...	...	...	...	...	...
...	...	...	...	...	...

...of the Districts of Bengal on the 15th March, 1892.

FIREWOOD. Present return	FIREWOOD. Next preceding return	FIREWOOD. Corresponding return of last year	SALT. Present return	SALT. Next preceding return	SALT. Corresponding return of last year	WHOLESALE PRICES PER MAUND OF 40 SEERS. SALT. Present return	WHOLESALE PRICES PER MAUND OF 40 SEERS. SALT. Next preceding return	WHOLESALE PRICES PER MAUND OF 40 SEERS. SALT. Corresponding return of last year	DISTRICTS.	Number.	
									BENGAL.		
Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
0	100 0	100 0	A 11 4	11 4	10 11	3 6 8	3 6 8	3 8 3	Burdwan.	1	BURDWAN DIVISION.
0	240 0	280 0	B 11 2	11 2	10 13	3 9 6	3 9 6	3 11 0	Bankura.	2	
0	200 0	160 0	C 10 8	10 8	10 8	3 10 0	3 10 0	3 10 0	Birbhum.	3	
0	120 0	120 0	D 10 8	11 8	10 8	3 8 0	3 8 0	3 13 0	Midnapore.	4	
0	120 0	120 0	E 10 0	10 0	10 0	3 12 0	3 12 0	3 9 0	Hooghly.	5	
0	100 0	100 0	10 8	10 8	10 8	3 6 0	3 6 0	3 8 6	Howrah.	6	
0	95 0	95 0	11 3	11 6	10 13	3 5 0	3 4 0	3 6 10	Calcutta.		PRESIDENCY DIVISION.
0	100 0	100 0	F 11 0	11 0	10 12	3 4 6	3 4 6	3 6 0	24-Parganas.	7	
..	...	...	G 10 10¼	10 10½	9 13	3 8 0	3 8 0	3 12 0	Nadia.	8	
0	160 0	160 0	H 9 0	10 0	9 0	3 12 0	3 12 0	4 0 0	Khulna.	9	
0	160 0	160 0	I 9 2	9 2	9 2	3 10 0	3 10 0	3 14 (	Jessore.	10	
0	200 0	200 0	J 10 8	10 8	11 0	3 12 0	3 12 0	3 10 (	Murshidabad.	11	
	110 0	110 C	K 10 8	11 0	10 0	3 8 0	3 8 0	3 14 0	Chittagong.	12	CHITTAGONG DIVISION.
.	...	...	L 10 0	10 0	9 0	3 12 0	3 12 0	4 0 0	Noakhali.	13	
.	...	...	M 10 0	10 0	10 0	3 12 0	3 12 0	4 0 0	Tippera.	14	
	240 0	320 0	8 0	8 0	8 0	5 0 0	4 8 0	4 8 0	Chittagong Hill Tracts.	15	
	120 0	120 0	N 10 0	10 0	9 12	3 8 0	3 8 0	4 0 0	Dacca.	16	DACCA DIVISION.
.	...	120 0	O 10 0	10 8	10 0	4 0 0	3 12 0	4 0 0	Faridpur.	17	
0	80 0	120 0	P 10 0	10 0	10 8	3 10 0	3 10 0	3 10 0	Backergunge.	18	
.	...	..	Q 10 8	10 8	10 0	3 10 0	3 10 0	3 14 0	Mymensingh.	19	
0	160 0	160 0	R 10 4	10 4	10 0	3 14 0	3 14 0	4 0 0	Dinajpur.	20	RAJSHAHI DIVISION.
0	240 0	210 0	S 9 9	9 9	9 9	3 10 8	3 10 8	3 13 4	Rajshahi.	21	
0	100 0	100 0	T 9 0	9 0	9 6	4 0 0	5 0 0	4 12 0	Rangpur.	22	

...rupee are :—Kandi 11 seers, Jangipur 10 seers.
...eers per rupee.
...chitaks per rupee.
...rupee are :—Brahmanbaria 11 seers and Chandpur 9 seers.
...rupee are :—Manickganj 9 seers, Narayanganj 10¾ seers.
...rupee are :—Madaripur 11 seers and Goalundo 10 seers.
...rupee are :—Patuakhali 9 seers, Pirojpur 9 seers, and Bhola 8 seers.
...r rupee are :—Kishorganj 8 seers, Jamálpur 10 seers, Sherpur 8 seers, and Netrokona 10 ...ers per rupee.
...rupee are :—Nator 9 seers and Nowgong 9 seers 9 chitaks.
...rupee are :—Kurigaon 8 seers, Gaibanda 10 seers, Nilphamari 10 seers.

PRICES-CURRENT* (*retail*) *of Food-grains, Firewood, and Salt in the Head-quarters

QUANTITIES PER RUPEE IN

Number.	DISTRICTS.	WHEAT. Present return.	WHEAT. Next preceding return.	WHEAT. Corresponding return of last year.	BARLEY. Present return.	BARLEY. Next preceding return.	BARLEY. Corresponding return of last year.	RICE, BEST SORT. Present return.	RICE, BEST SORT. Next preceding return.	RICE, BEST SORT. Corresponding return of last year.	RICE, COMMON. Present return.	RICE, COMMON. Next preceding return.	RICE, COMMON. Corresponding return of last year.	JOWAR OR CHOLUM (*Sorghum Vulgare*). Present return.	JOWAR OR CHOLUM. Next preceding return.	JOWAR OR CHOLUM. Corresponding return of last year.
	BENGAL—*continued.*															
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
	RAJSHAHI DIVISION—*concld.*															
23	Bogra ...	8 10	8 4	15 0	...	...	...	10 8	9 12	12 0	13 8	13 8	17 4	...	...	...
24	Pabna ...	13 8	11 4	18 12	...	...	...	7 8	7 8	7 6	13 8	13 0	16 8	...	...	...
25	Darjeeling ...	8 0	8 0	8 0	9 0	9 0	10 0	5 0	5 0	5 0	10 0	10 8	14 0	...	...	...
26	Jalpaiguri ..	10 0	10 0	12 0	14 8	14 0	16 0	7 0	7 0	9 0	11 0	11 0	18 0	...	...	...
	BIHAR.															
	BHAGALPUR DIVISION.															
27	Monghyr ...	14 2	13 10	15 12	19 15	21 0	22 0	8 6	9 7	13 10	11 0	11 11	14 11	15 12	18 14	18 6
28	Bhágalpur ...	12 10	12 10	12 10	20 3	20 3	20 3	Old. 8 13; New. 10 1	Old. 9 7; New. 11 6	14 8	Old. 10 1; New. 11 6	Old. 10 11; New. 12 10	17 11	...	...	...
29	Purnea ...	11 0	11 0	14 0	...	18 0	...	10 0	10 0	16 0	11 0	11 0	18 0	...	...	...
30	Malda ...	13 0	12 0	11 0	...	...	...	10 0	10 0	12 0	12 0	12 0	15 8	...	...	...
31	Sonthal Parganas. ...	11 0	11 0	12 0	...	...	...	11 0	12 0	11 0	13 0	13 8	17 0	...	...	...
	PATNA DIVISION.															
32	Patna ...	15 0; 13 8	Red. 14 0; White. 13 0	12 6; 10 12	22 0	25 0	19 8	10 8	10 8	11 0	11 0	14 0	16 8	22 0	22 0	16 0
33	Gaya ...	13 4	12 8	14 4	19 0	22 8	25 0	10 8	10 8	10 8	12 0	13 0	16 0	...	...	...
34	Shahabad ...	12 8	12 8	11 8	20 0	20 0	20 0	8 0	8 0	9 0	11 8	12 8	16 0	...	...	17 0
35	Darbhanga ...	12 1	12 1	10 0	19 12	20 14	19 0	11 8	11 8	11 0	12 1	12 1	15 0	...	...	..
36	Muzaffarpur	12 0	12 0	12 0	22 0	22 0	22 0	11 0	11 0	12 0	12 0	12 0	15 0	...	...	...
37	Saran ...	12 8	11 13	12 4	24 0	25 0	19 8	8 8	8 8	8 8	12 8	12 5	15 8	...	...	...
38	Champaran ...	10 4	10 8	13 0	20 8	20 0	24 0	8 8	9 0	8 8	13 8	13 8	16 0	...	...	...
	ORISSA.															
	ORISSA DIVISION.															
39	Cuttack ...	9 3	9 3	13 2	...	...	...	9 3	9 3	10 8	11 2	11 2	18 6	...	...	...
40	Puri ...	9 3	8 6	11 7	...	...	...	9 6	9 6	14 7	14 7	11 7	21 0	...	...	...
41	Balasore ...	11 0	11 0	15 0	10 0	10 0	13 0	12 0	13 0	13 0	15 0	17 0	21 0	...	...	...
	CHOTA NAGPUR.															
	CHOTA NAGPUR DIVISION.															
42	Hazáribágh ...	12 0	12 0	14 0; New. 11 8	13 0	11 0	16 0	8 0	8 0	10 0	13 8	12 12	17 0	...	...	...
43	Lohardaga ...	10 0; 7 8	Red. 9 12; White. 7 8	13 0; 7	13 0	13 0	New. 21 0	12 0	11 12	14 8	Ordinary. 11 0; Coarse. 16 0	Ordinary. 14 0; Coarse. 15 8	Ordinary. 16 8; Coarse. 19 0	...	...	...
44	Palámau ...	10 2	12 6	12 6	16 8	20 4	20 4	12 8	13 8	11 4	14 1	14 1	12 5	...	...	...
45	Singhbhum ...	14 0	15 0	18 0	10 0	10 0	20 0	11 0	12 0	12 0	16 0	16 0	16 0	...	...	...
46	Manbhum	11 0	11 8	11 0	...	...	..	13 0	13 0	13 0	17 0	17 8	21 0	...	...	...

U At Sirajganj retail price of salt, 11½ seers per rupee.
V At Kurseong and Siliguri retail price of salt 8 seers per rupee.
W At Falakata in Alipur subdivision retail price of salt. 8½ seers per rupee.
X In subdivisions retail prices of salt per rupee are :—Begusarai 9½ seers and Jamui 10 seers.
Y In subdivisions retail prices of salt per rupee are :—Banka (at Amarpur) 10 seers, Madhipura 10 seers, and Supaul 10 seers.
Z In subdivisions retail prices of salt per rupee are :—Kishanganj 8 seers and Araria 10 seers.
a In subdivisions retail prices of salt per rupee are :—Jamtara 10 seers, Pakur 10½ seers, Rajmahal 11 seers, and Deoghur 10 seers 10 chitaks.

CALCUTTA,
The 22nd March, 1892.

SEERS OF 80 TOLAHS.

Bajra or Cumbu (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.	Marua or Ragi. (*Eleusine Corocana.*) Present return.	Next preceding return.	Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	...	..	...
...	...	...	...	...	...
..	...	...	11 0	13 0	15 0
..	...	...	..	...	.
...	.	11 9	..	.	...
...	..	..	...		...
...	..	..	.	.	..
...	..	.	..		...
...	..	.	...	.	..
...	.	..	...	20 0	...
...	...	...	..	...	...
...	...	...	...	...	...
..	...	...	18 11	18 11	23 0
...	...	...	...	...	21 4
...	...	...	20 0	24 0	22 0
...	..	...	22 0	23 0	23 0
...	...	...	...	...	...
..	...	...	...	...	...
...	...	...	...	...	...
...	...	...	24 0	23 0	28 0
...	...	...	32 0	30 8	34 0
...	...	...	16 8	20 4	...
...	...	...	...	...	...
...	..	...	...	...	..

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[illegible]ts of Bengal on the 15th March, 1892—(concluded).

	Firewood. Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Next preceding return.	Corresponding return of last year.	Districts	Number.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	BENGAL—*continued.*	
	90 0	90 0	90 0	9 9	9 12	8 13	3 13 4	3 13 4	4 0 0	Bogra	23
	200 0	200 0	200 [illegible]	u 9 12	9 12	8 1[illegible]	3 12 0	3 12 0	3 14 0	Pabna	24
	120 [illegible]	120 0	120 0	v 8 0	8 0	8 0	5 0 0	5 0 0	5 0 0	Darjeeling	25
	200 0	200 0	200 [illegible]	w 10 0	10 0	9 0	4 0 0	4 0 0	4 0 0	Jalpaiguri	26
										BIHAR.	
	189 0	189 0	168 0	x 10 8	10 8	10 8	3 8 6	3 8 6	3 13 0	Monghyr.	27
	1[illegible] 4	176 12	151 8	y 10 11	10 11	10 1	3 12 0	3 12 0	3 12 0	Bhagalpur	28
	90 0	90 0	115 0	z 10 0	10 0	9 0	4 0 0	4 0 0	4 7 0	Purnea	29
	120 0	120 0	120 0	10 0	10 0	9 8	3 10 0	3 10 0	4 0 0	Malda.	30
1	200 0	200 0	200 0	a 9 0	9 0	9 0	4 0 0	4 0 0	4 0 0	Sonthal Parganas.	31
	120 0	120 0	130 0	b 11 8	11 8	11 3	3 8 0	3 8 0	3 9 9	Patna.	32
0	1[illegible]0 0	150 0	110 0	10 0	10 0	10 0	3 11 0	3 14 0	4 2 0	Gaya	33
0	160 0	160 0	160 0	c 10 0	10 0	10 8	4 0 0	4 0 0	3 11 [illegible]	Shahabad	34
0	150 0	130 0	180 0	d 11 0	11 0	11 0	3 6 0	3 6 0	3 8 0	Darbhanga.	35
0	1[illegible]0 0	1[illegible]0 0	150 0	11 0	11 0	11 0	3 10 0	3 10 0	3 10 [illegible]	Muzaffarpur	36
6	[illegible]60 0	160 0	[illegible]	e 10 8	10 12	1[illegible] 1	[illegible] 12 0	[illegible] 11 0	3 13 0	Saran	37
0	160 0	160 0	[illegible]	10 8	10 8	[illegible] 0	[illegible] 12 0	3 12 0	3 13 0	Champaran.	38
										ORISSA.	
6	80 0	80 0	80 0	f 11 0	11 0	11 0	[illegible] 12 0	3 12 0	3 12 0	Cuttack	39
1	80 0	80 0	80 0	11 1[illegible]	11 1[illegible]	[illegible] 1	3 5 0	3 [illegible] 0	3 12 0	Puri	40
	110 0	110 0	160 0	10 8	10 8	10 0	3 11 0	3 11 0	3 14 0	Balasore	41
										CHOTA NAGPUR.	
0	210 0	210 0	240 0	h 9 0	10 0	[illegible] 0	4 0 0	3 12 0	4 0 0	Hazaribagh	42
[illegible]	1[illegible]0 0	1[illegible]0 0	1[illegible]0 0	9 8	9 8	[illegible]	4 0 0	4 0 0	1 1 [illegible]	Lohardaga	43
3				i 9 0	9 1	8 7	No wholesale.			Palamau	44
0	160 0	160 0	[illegible] 0	9 0	9 0	[illegible] 0	4 3 0	4 4 0	4 6 [illegible]	Singhbhum.	45
0	200 0	[illegible]00 0	200 0	10 10	10 10	1[illegible]	[illegible] 12 0	3 12 0	3 14 0	Manbhum	

Divisions (side labels, partly legible): Rajshahi Division—concld. (23–26); Bhagalpur Division (27–31); Patna Division (32–38); Orissa Division (39–41); Chota Nagpur Division (42–46).

salt per rupee are—Bil[illegible] 10 seers, D[illegible] 10 [illegible]
salt per rupee [illegible] B[illegible] 10¼ seers [illegible] and Phulbari 9½ seers
salt per rupee [illegible] 11 seers [illegible] 11 [illegible]
salt per rupee are [illegible] 12 seers [illegible]
salt per rupee [illegible] Jaip[illegible] 8 seers, Kon[illegible] and [illegible] 12 seers.
, 10 seers per rupee
[illegible] Bazar) return [illegible] of salt, 10 seers per rupee
[illegible]lt, 10½ seers per rupee

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARTS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 5 5	3 5 4	3 7 2	2 4 3	2 0 10	1 15 3	4 10 0	4 8 3	3 14 1	3 2 7	3 3 0	2 9 2
2	Sirajganj ...	3 8 0	3 8 0	2 6 0	...	...	...	5 4 0	5 1 0	4 8 0	3 1 0	3 2 0	2 9 0
3	Dacca ...	3 12 0	3 12 0	3 4 0	1 9 0	1 8 0	2 12 0	3 4 0	3 4 0	2 10 0	2 10 0	2 13 0	2 4 0
4	Narayanganj	...	...	...	...	...	...	3 0 0	3 0 0	2 10 0	2 10 0	2 10 0	2 8 0
5	Chittagong	4 2 0	4 0 0	3 4 0	...	...	...	4 4 0	4 0 0	3 3 0	3 3 0	3 0 0	2 6 6
6	Patna ...	2 10 0 2 15 3	Red. 2 13 8 White. 3 1 3	3 3 3 3 11 6	1 13 0	1 9 6	2 0 3	3 13 0	3 12 9	3 9 9	2 13 8	2 13 8	2 6 9
7	Balasore ...	3 12 0	3 12 0	2 12 0	3 12 0	3 12 0	3 0 0	3 4 0	3 0 0	3 0 0	2 8 0	2 6 0	1 13 0
8	Puri ...	4 6 0	4 12 0	...	...	...	...	4 9 0	4 9 0	...	2 15 0	2 15 0	1 14 3
	Cuttack ...	4 4 0	4 4 0	3 0 0	...	...	...	4 4 0	4 4 0	3 10 0	3 8 0	3 8	0 0

CALCUTTA,
The 22nd March, 1892.

in the undermentioned Marts of Bengal on the 15th March, 1892.

PRICES PER MAUND

JOWAR OR CHOLUM. (*Sorghum Vulgare.*)			BAJRA OR CUMBU. (*Pennisetum typhoideum.*)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
2 3 6	2 4 6	2 0 6	2 12 0	2 10 0	3 6 4
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	..	...
...	...	...	...	...	...
1 13 0	1 13 0	2 8 0	...	...	...
...	...	..	...	.	...
..	...	...	..	..	...
	...	...	...	...	...

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ARHAR OR THUR, CADJAN PEA. (*Cajanus indicus.*)			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
5 3	2 6 0	2 4 1	0 5 9	0 5 9	0 5 7	3 5 0	3 4 0	3 6 10	Calcutta.
...	...	...	0 7 0	0 6 6	0 6 6	3 5 0	3 5 0	3 10 6	Sirajganj
13 0	2 9 0	2 12 0	0 5 0	0 5 0	0 5 0	3 8 0	3 8 0	4 0 0	Dacca.
8 0	3 8 0	3 12 0	0 8 0	0 8 0	0 8 0	3 6 0	3 8 0	3 10 0	Narayanganj.
...	...	..	0 5 0	0 5 0	0 5 4	3 8 0	3 8 0	3 14 0	Chittagong.
11 5	1 14 5	...	0 5 4	0 5 4	0 5 0	3 8 0	3 8 0	3 9 0	Patna.
...	...	...	0 5 0	0 5 0	0 4 6	3 11 0	3 11 0	3 11 0	Balasore.
8 6	2 8 6	...	0 8 0	0 8 0	...	3 5 0	3 5 0	3 12 0	Puri
2 0	2 0 0	2 0 0	0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 12 0	Cuttack.

shed for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS. Air Pressure. Mean barometric height, 8 A.M.	Mean reduced to sea-level and to Lat. 45°.	Variation from mean.	Wind. Prevailing direction.	Mean wind velocity.	Temperature. Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Puri	Puri ...	29·844	29·793	—	SW	312	95·7	14th Mar.	72·6	17th Mar.	88·3	75·7	82·1	—	79·0
		Gopalpore ..	29·844	29·8·5	—·054	Wly	326	97·2	14th ,,	67·0	13, 14 & 15th. ,,	89·5	69·1	79·3	—0·2	75·9
		False Point ..	29·801	29·821	—·071	W	264	94·5	14th ,,	64·5	13th ,,	89·4	71·9	80·6	+0·3	78·1
	Cuttack	Cuttack ...	29·781	29·804	—·077	SWly & Calm.	51	103·4	18 & 19 ,,	64·8	13th ,,	101·8	68·1	84·9	—0·1	75·6
	Balasore	Balasore ...	29·785	29·789	—·099	Wly	168	102·5	18th ,,	62·7	15th ,,	98·2	66·1	82·2	+1·4	74·2
South-West Bengal.	South-West Midnapore, South 24-Parganas ...	Saugor Island	29·823	29·793	—·022	SWly	374	91·2	14th ,,	74·5	14th ,,	88·1	76·4	82·3	+0·6	79·5
	Midnapore	Midnapore ..	29·699	29·775	—·091	Sly	250	105·4	19th ,,	67·2	13, 14 & 15th. ,,	101·9	66·9	84·4	+2·9	73·4
	24-Parganas ... ..., Howrah ... ..., Hooghly	Calcutta ..	29·813	29·780	—·103	SWly	151	99·5	19th ,,	61·2	13th ,,	96·7	68·8	82·8	+2·4	74·9
	Burdwan	Burdwan ..	29·723	29·78·	—·101	SW & SSW.	79	103·2	19th ,,	61·1	15th ,,	98·7	66·2	82·5	+1·1	76·3
	Bankura	Bankura .	29·507	29·758	—·106	Wly	37	103·7	19th ,,	64·7	13th ,,	99·5	67·4	83·5	+2·1	76·7
	Birbhum ... ..., West Burdwan	Raniganj .	29·491	29·7·3	—·105	[illegible]	9	103·0	19th ,,	63·0	14th ,,	98·9	66·7	82·8	+1·7	75·3
	Murshidabad	Berhampore .	29·731	29·751	—·127	S	98	101·7	19th ,,	60·2	14th ,,	97·5	65·3	81·4	+2·1	72·9
	Nadia	Krishnagar ..	29·769	29·766	—·097	SWly	158	102·0	19th ,,	62·4	14th ,,	98·2	66·7	82·5	+3·6	76·3
	Jessore ... ..., Khulna	Jessore ...	29·791	29·771	—·112	SW	12	101·2	19th ,,	59·5	14th ,,	98·1	67·7	82·9	+2·1	76·1
East Bengal.	Chittagong	Chittagong ..	29·793	29·834	—·088	SEly	112	99·7	14th ,,	63·1	18th ,,	88·0	66·5	77·2	+0·3	72·2
	Chittagong Hill Tracts	Demagiri ...	Observations not received.													
	Backergunge	Barisal .	29·877	29·795	—·087	Sly & Calm.	119	95·5	15th Mar.	65·0	13th Mar.	93·6	70·2	81·9	+3·6	75·3
	Noakhali	Noakhali ..	29·820	29·810	—·0?1	Sly	118	92·3	13th ,,	62·5	13th ,,	88·9	69·9	79·4	+2·6	78·2
	Faridpur	Faridpur ...	29·792	29·780	—·110	SWly	127	87·0	16th ,,	61·5	14th ,,	86·5	66·6	76·6	—2·0	75·1
	Dacca	Dacca ...	29·802	29·772	—·117	SWly	187	97·1	18th ,,	62·5	13th ,,	95·9	69·1	82·5	+3·1	74·1
	Tippera	Comilla .	29·815	29·799	—·095	S	133	94·8	14th ,,	65·8	13th ,,	93·7	70·1	81·9	+4·8	75·0
	Mymensingh	Mymensingh	29·774	29·7·6	—·110	ESE	121	92·6	19th ,,	59·7	13th ,,	91·4	65·8	78·6	+4·9	71·5
North Bengal.	Bogra	Bogra ..	29·731	29·715	—·111	Calm	85	99·8	19th ,,	53·7	14th ,,	96·2	61·9	79·1	+2·9	70·5
	Pabna	Sirajganj ..	29·755	29·752	—·124	SW	63	99·6	19th ,,	54·2	14th ,,	95·8	60·8	78·3	+2·2	72·0
	Rajshahi	Rampur Boalia.	29·727	29·718	—·115	SWly	104	98·0	19th ,,	60·5	14th ,,	93·6	64·1	78·4	+2·0	72·7
	Malda	Malda ...	29·715	29·747	—	SWly	82	100·2	19th ,,	56·4	14 & 15 ,,	97·5	59·7	78·7	—	76·8
	Dinajpur	Dinajpur ..	29·667	29·741	—·157	SWly	52	97·6	17th ,,	53·4	14th ,,	94·3	57·7	76·1	+1·1	68·0
	Rangpur	Rangpur ...	29·632	29·772	—·115	Variable	64	95·0	17th ,,	55·2	13th ,,	92·6	59·5	76·1	+2·0	70·3
	Jalpaiguri ... ..., Kuch Bihar	Jalpaiguri ..	29·521	29·765	—·122	E	95	92·4	17th ,,	53·6	13th ,,	89·4	61·2	75·3	+3·1	70·3
	Darjeeling Hill Tracts...	Darjeeling ..	22·919	—	—·032	Variable	164	57·6	17th ,,	43·6	15th ,,	55·7*	44·9	50·2*	+0·8	51·2
North Bihar.	Purnea ... ..., North Bhágalpur ...	Purnea ...	29·673	29·760	—·115	Calm	50	97·9	19th ,,	53·3	14th ,,	95·3	57·9	76·6	+1·6	69·4
	Muzaffarpur	Muzaffarpur	29·585	29·721	—	Wly	131	97·5	17th ,,	56·8	14th ,,	94·9	59·6	77·3	—	70·0
	Darbhanga	Darbhanga ...	29·635	29·75·	—·119	Variable	86	95·0	19th ,,	59·5	14th ,,	92·4	62·2	77·3	+2·0	71·2
	Champaran	Motihari ...	29·545	29·763	—·126	Wly	126	97·2	19th ,,	53·9	16th ,,	93·3	56·3	74·9	+1·6	68·0
	Saran	Chapra ...	29·691	29·759	—·112	W	196	9·3	19th ,,	61·1	14th ,,	96·1	63·7	79·9	+3·6	73·1
South Bihar.	Shahabad	Dehri ...	29·412	29·770	—·131	SSW	223	101·4	19th ,,	63·0	15th ,,	97·6	67·5	82·6	+5·4	78·0
		Buxar ...	29·559	29·754	—·125	W	210	99·4	19th ,,	63·4	14th ,,	95·0	65·9	80·5	+3·6	75·8
		Arrah ...	29·597	29·712	—·111	Wly	166	101·3	19th ,,	60·1	14th ,,	97·2	64·1	80·7	+4·0	74·3
	Gaya	Gaya ...	29·418	29·768	—·111	SWly	175?	101·5	19th ,,	64·7	15th ,,	97·6	68·7	83·1	+2·4	78·8
	Patna	Bankipore ...	29·605	29·745	—·133	W	140	95·7	17th ,,	60·9	15th ,,	93·3	65·1	79·2	+2·2	78·0
	South Bhágalpur ..., Monghyr	Bhagalpur ...	29·619	29·735	—·127	Calm	65	90·8	19th ,,	62·0	14 & 15 ,,	97·2	65·3	81·3	+4·0	75·5
	Sonthal Parganas .	Dumka ...	29·345	29·754	—·135	NWly	63	101·7	19th ,,	63·0	14th ,,	97·2	66·3	81·8	+3·3	78·8
Chota Nagpur.	Hazáribágh	Hazaribagh ...	27·819	29·770	—·090	SWly	317	96·7	19th ,,	61·8	15th ,,	92·2	65·3	78·8	+2·7	76·7
	Lohardaga ... ..., Manbhum	Ranchi ...	27·711	29·768	—·074	WNW	298	95·9	19th ,,	60·7	13th ,,	91·4	67·4	79·4	+3·8	78·4
	Singhbhum	Chaibassa ...	29·561	29·773	—·088	SWly	40	103·3	19th ,,	62·3	13th ,,	99·1	65·9	82·5	+1·1	77·5

* Mean of 6 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last . A clear sky is denoted by 0 and an overcast sky by 10. The numbers

The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100.

are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 19th of March 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	Of week. Mean for district.	Of week. Normal mean.	District observations. Rainfall. Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 16th October 1891. Mean for district.	Since 16th October 1891. Normal mean.	Since 16th October 1891. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
83	0·3	Nil	Nil	0·16	0·03	0·48	−0·45	8·59	7·95	+0·64	0·00	0·28	Puri ...	Puri	Orissa.
65	0	Nil											Gopalpore ...		
88	1·0	Nil											False Point ...		
68	0·3	Nil	Nil	0·25	0·02	0·78	−0·76	7·99	5·96	+2·03	0·00	0·17	Cuttack ...	Cuttack	
71	0	Nil	Nil	0·20	Nil	0·78	−0·78	4·12	5·03	−0·91	0·00	0·15	Balasore ...	Balasore	
82	1·0	Nil	Nil	0·14	Nil	0·59	−0·59	2·54	6·64	−4·10	0·00	0·31	Saugor Island ...	South-West Midnapore South 24-Parganas ...	South-West Bengal.
38	0	Nil	Nil	0·18	Nil	0·90	−0·90	0·43	4·65	−4·22	0·00	0·27	Midnapore ...	Midnapore	
74	0·1	Nil	Nil	0·19	Nil	0·69	−0·69	0·61	4·52	−3·91	0·00	0·37	Calcutta ...	24-Parganas ... Howrah ... ... Hooghly	
40	0	Nil	Nil	0·16	Nil	0·67	−0·67	0·64	3·89	−3·25	0·00	0·16	Burdwan ...	Burdwan	
30	0	Nil	Nil	0·09	Nil	0·61	−0·61	1·00	3·46	−2·46	0·00	0·23	Bankura ...	Bankura	
31	0	Nil	Nil	0·02	Nil	0·35	−0·35	2·08	2·89	−0·81	0·00	0·09	Raniganj ...	Birbhum ... ... West Burdwan ...	
52	0	Nil	Nil	0·07	Nil	0·45	−0·45	2·03	2·72	−0·69	0·00	0·16	Berhampore ...	Murshidabad ...	
58	0	Nil	Nil	0·25	Nil	0·81	−0·81	0·90	4·16	−3·26	0·00	0·31	Krishnagar	Nadia	
76	0	Nil	Nil	0·38	Nil	1·03	−1·03	1·95	5·07	−3·12	0·00	0·59	Jessore ...	Jessore ... ... Khulna	
80?	1·9	Nil	Nil	0·26	Nil	0·98	−0·98	3·12	7·65	−4·53	0·00	0·39	Chittagong ..	Chittagong	East Bengal.
			Nil	0·21	Nil	1·52	−1·52	4·53	7·94	−3·41	0·00	0·89	Demagiri ...	Chittagong Hill Tracts	
87	3·7	Nil	Nil	0·33	0·32	1·05	−0·73	1·73	6·55	−4·82	0·00	0·36	Barisal ..	Backergunge	
83	1·1	Nil	Nil	0·31	0·07	1·5	−1·47	3·38	8·84	−5·46	0·00	0·71	Noakhali ...	Noakhali	
74	0·7	Nil	Nil	0·45	0·37	1·66	−1·29	3·16	5·23	−2·07	0·00	0·74	Faridpur ...	Faridpur	
82	4·4	Nil	Nil	0·16	0·05	1·70	−1·65	3·51	5·68	−2·17	0·00	0·52	Dacca .	Dacca	
86	3·1	Nil	Nil	0·56	0·35	2·61	−2·26	6·89	6·94	−0·05	0·00	0·89	Comilla ..	Tippera	
87	4·9	Nil	Nil	0·37	0·12	1·09	−0·97	2·91	4·54	−1·63	0·00	0·65	Mymensingh ..	Mymensingh	
67	0·9	Nil	Nil	0·29	0·04	0·47	−0·43	2·74	3·09	−0·35	0·00	0·28	Bogra ...	Bogra	North Bengal.
80	1·0	Nil	Nil	0·15	Nil	0·78	−0·78	1·30	4·17	−2·87	0·00	0·31	Sirajganj ...	Pabna	
59	0	Nil	Nil	0·20	Nil	0·47	−0·47	1·87	2·89	−1·02	0·00	0·20	Rampur Boalia	Rajshahi	
42	0	Nil	Nil	0·12	Nil	0·36	−0·36	0·58	2·62	−2·04	0·00	0·13	Malda ...	Malda	
57	0	Nil	Nil	0·14	Nil	0·33	−0·33	0·53	2·12	−1·59	0·00	0·14	Dinajpur ...	Dinajpur	
76	0	Nil	Nil	0·30	Nil	0·92	−0·92	0·53	3·02	−2·49	0·00	0·47	Rangpur ..	Rangpur	
69	0	Nil	Nil	0·52	Nil	1·01	−1·01	0·40	3·28	−2·88	0·00	0·66	Jalpaiguri ...	Jalpaiguri ... ... Kuch Behar . ..	
69	1·0	Nil	Nil	0·10	Nil	1·17	−1·17	3·19	5·06	−1·87	0·00	0·59	Darjeeling .	Darjeeling Hill Tracts	
53	0	Nil	Nil	0·07	Nil	0·33	−0·33	0·23	2·42	−2·19	0·00	0·17	Purnea ...	Purnea .. ... North Bhagalpur ...	North Behar.
52	0·4	Nil	Nil	0·08	Nil	0·30	−0·30	0·79	2·37	−1·58	0·00	0·12	Muzaffarpur .	Muzaffarpur	
48	0·3	Nil	Nil	0·03	Nil	0·25	−0·25	0·72	2·20	−1·48	0·00	0·09	Darbhanga .	Darbhanga	
60	0·7	Nil	Nil	0·03	Nil	0·32	−0·32	0·13	1·87	−1·74	0·00	0·09	Motihari ..	Champaran	
39	0	Nil	Nil	0·02	Nil	0·14	−0·14	0·79	2·23	−1·44	0·00	0·08	Chapra ..	Saran	
27	0	Nil											Dehri ...		South Behar.
32	0·3	Nil	Nil	0·04	Nil	0·31	−0·31	1·39	2·90	−1·51	0·00	0·07	Buxar ...	Shahabad	
40	0	Nil											Arrah ...		
54	1·1	Nil	Nil	0·05	Nil	0·27	−0·27	0·94	2·42	−1·48	0·00	0·12	Gaya ...	Gaya	
26	0	Nil	Nil	0·05	Nil	0·21	−0·21	0·80	2·48	−1·68	0·00	0·09	Bankipore ...	Patna	
41	0	Nil	Nil	0·05	Nil	0·21	−0·21	0·53	2·55	−2·02	0·00	0·09	Bhagalpur ...	South Bhagalpur ... Monghyr	
27	0	Nil	Nil	0·09	Nil	0·37	−0·37	1·30	2·48	−1·18	0·00	0·06	Dumka ...	Sonthal Parganas ..	
24	0	Nil	Nil	0·08	Nil	0·94	−0·94	1·55	3·37	−1·82	0·00	0·17	Hazaribagh ...	Hazaribagh	Chota Nagpore.
20	0·1	Nil	Nil Nil	0·14 0·07	0·08 Nil	0·79 0·58	−0·71 −0·58	1·67 1·43	3·88 3·31	−2·21 −1·88	0·00 0·00	0·24 0·14	Ranchi ...	Lohardaga ... ... Manbhum	
31	0	Nil	Nil	0·13	Nil	0·76	−0·76	1·72	4·24	−2·52	0·00	0·25	Chaibassa ...	Singhbhum	

ten years. The variations are *negative* when the mean of the week is less than the corresponding normal mean, and *positive* when greater denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal means past ten years. The means of the district are the numerical average of the rainfall return received in the district, *i.e.*, from total rainfall at the sub-divisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 19th of March 1892.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 13th March.	Monday, 14th March.	Tuesday, 15th March.	Wednesday, 16th March.	Thursday, 17th March.	Friday, 18th March.	Saturday, 19th March.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
ORISSA ...	Puri ...	Puri ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·30	15·91	8·64
		Khurda ...	......	......	......	......	......	......	......	Nil	Nil	0·28	0·10	0·59	8·85	6·12
		Banpur ...	......	......	......	......	......	......	......	Nil	Nil	0·06	0·01	0·43	8·24	7·74
		False Point ..	......	......	......	......	......	......	......	Nil	Nil	0·25	0·01	0·59	12·68	9·27
		Gop ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Satpara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·10	?
		Pipli	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	7·54	?
	Cuttack	Jagatsingpore	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·48	12·90	5·72
		Banki	......	......	......	......	......	......	......	Nil	Nil	0·14	0·05	0·90	1·22	6·03
		Cuttack ...	......	......	......	......	......	......	......	Nil	Nil	0·36	Nil	1·06	4·87	6·15
		Kendrapara ...	......	......	......	......	......	......	......	Nil	Nil	0·23	0·06	0·62	17·69	5·97
		Jajpur ...	......	......	......	......	......	......	......	Nil	Nil	0·35	Nil	0·84	3·24	5·00
		Dharmsala	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	5·36	?
		Salipore	......	......	......	......	......	......	......	Nil	Nil	?	0·30	?	8·65	?
	Balasore	*Akhyapada* ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	4·74	?
		Chandbali	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	0·85	11·05	6·34
		Bhadrak ...	......	......	......	......	......	......	......	Nil	Nil	0·38	Nil	0·77	6·03	5·19
		Sorah ..	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	1·04	4·18	4·91
		Balasore ..	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·84	2·85	6·23
		Jellasore ..	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·67	0·82	3·68
		Baripodah	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·51	0·92	3·55
SOUTH-WEST BENGAL.	Midnapore ..	Contai	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·46	2·49	7·01
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·43	4·44	7·09
		Tamluk	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·74	0·55	5·44
		Midnapore ..	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·74	0·36	4·99
		Ghatal ..	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	1·22	0·42	3·53
		Kukrahaty ..	......	......	......	......	......	......	......	Nil	Nil	?	0·05	?	0·36	?
		Garhbeta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·54	?
	24-Parganas ...	Diamond Harbour ..	......	......	......	......	......	......	......	Nil	Nil	0·17	0·04	0·61	0·74	5·79
		Canning Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·34	?
		Alipore Jail ..	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·86	0·43	5·72
		Barrackpore ..	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·69	0·49	4·66
		Dum-Dum	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·65	0·62	4·65
		Barasat	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·61	1·03	4·71
		Basirhat ..	......	......	......	......	......	......	......	Nil	Nil	0·41	Nil	0·88	1·33	4·56
	Howrah ...	Howrah	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·62	0·39	4·77
		Mohesreka ...	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·67	0·45	4·05
		Uluberia ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·10	?
	Hooghly ..	Serampore ..	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·62	0·67	3·98
		Hooghly	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·64	0·38	4·29
		Jahanabad	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·59	0·34	3·94
	Burdwan	Kalna	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·78	0·36	4·05
		Burdwan ..	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·73	0·43	3·82
		Katwa	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·49	1·13	3·79
		Raniganj	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·31	1·25	3·12
		Mankur ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·14	?
	Bankura ..	Bankura ..	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·89	0·93	3·97
		Bishenpore ..	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·67	0·82	3·63
		Mahara	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·39	1·33	2·60
		Khatra ..	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·50	0·85	3·65
		Indas ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·57	?
		Kotalpore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·30	?
		Anda	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
		Gangajalghati	......	......	......	......	......	......	......	Nil	Nil	?	0·06	?	0·74	?
		Raipore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·52	?
		Sonamukhi	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·72	?
	Birbhum ...	Bh. Suri	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·46	2·26	3·26
		Hetampore	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·16	2·04	2·83
		Rampur Hat...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·43	2·81	2·80
		Bolpore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·65	?
		Murari ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·56	?
	Nadia	Ranaghat ..	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·80	0·74	4·14
		Krishnagar ..	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·62	1·33	3·37
		Chuadanga ..	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·84	0·51	4·50
		Meherpore ..	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·84	0·66	4·05
		Kushtia	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·97	1·24	4·75
	Khulna ...	Satkhira	......	......	......	......	......	......	......	Nil	Nil	0·41	Nil	0·79	3·25	4·99
		Bagerhat ..	......	......	......	......	......	......	......	Nil		0·3[illegible]	Nil	1·08	2·78	5·84
		Khulna ..	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·87	4·08	5·44
		Nakipur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·82	?
		Rampal	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·89	?
	Jessore ...	Narail	......	......	......	......	......	......	......	Nil	Nil	0·59	Nil	1·22	2·20	5·51
		Jessore ..	......	......	......	......	......	......	......	Nil	Nil	0·53	Nil	1·29	1·46	5·52
		Jhenidah ..	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·90	0·51	4·89
		Magura ..	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	1·27	0·76	4·24
		Bangaon	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·70	0·56	4·51
	Murshidabad	Kandi ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·36	1·75	2·95
		Berhampore ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·57	1·84	3·25
		Lalbagh ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·46	1·49	2·50
		Azimgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·40	2·56	2·75
		Jangipur ..	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·35	2·33	2·39
		Lalgola ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·46	2·20	2·49
		Akriganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·12	?
		Patkabari ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·40	?
EAST BENGAL	Chittagong ...	Cox's Bazar ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	[illegible]·99	4·01	8·50
		Chittagong ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·97	2·23	6·78
		Kutubdia ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·81	?
		Satkanya ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·73	?
	Chittagong Hill Tracts.	Rangamati ...	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	1·52	4·53	7·94
		Bundarban ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	3·04	?
	Backergunge	Patuakhali ...	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·75	0·95	6·03
		Pirojpur ...	......	......	......	......	......	......	......	Nil	Nil	0·30	0·20	0·83	1·89	6·27
		Barisal ...	......	......	......	......	......	......	......	Nil	Nil	0·52	0·35	1·40	2·82	6·96
		Bhola ...	......	......	......	......	......	......	......	Nil	Nil	0·27	0·75	1·22	1·28	6·28

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 19th of March 1892—contd.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 13th March.	Monday, 14th March.	Tuesday, 15th March.	Wednesday, 16th March.	Thursday, 17th March.	Friday, 18th March.	Saturday, 19th March.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
EAST BENGAL—concld.		*Gournaddi*	...	...	...	...	...	...	...	Nil	Nil	?	0·22	?	4·23	?
		Bauphal	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·74	?
	Noakhali	Noakhali	...	...	...	...	...	...	...	Nil	Nil	0·36	0·03	1·61	3·00	7·98
		Fenny	...	...	...	...	...	...	...	Nil	Nil	0·20	0·10	1·47	3·67	9·68
		Harishpore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·62	?
		Ramganj	...	...	...	...	...	...	...	Nil	Nil	?	0·81	?	2·51	?
	Faridpur	Madaripur	...	...	...	...	...	...	...	Nil	Nil	0·46	Nil	1·56	4·61	5·24
		Faridpur	...	...	...	...	...	...	...	Nil	Nil	0·58	0·77	2·00	3·21	5·54
		Goalundo	...	...	...	...	...	...	...	Nil	Nil	0·41	0·35	1·42	1·69	4·93
	Dacca	Munshiganj	...	...	...	...	...	...	...	Nil	Nil	0·89	0·07	2·74	4·71	7·44
		Dacca	...	...	...	...	...	...	...	Nil	Nil	0·78	Nil	1·80	3·08	5·09
		Naraingunge	...	...	...	...	...	...	...	Nil	Nil	Nil	0·04	1·35	4·21	6·08
		Manikganj	...	...	...	...	...	...	...	Nil	Nil	0·17	0·10	0·82	2·05	4·09
		Joydeopore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	3·23	?
	Hill Tippera	Agartola	...	...	...	...	...	...	...	Nil	Nil	1·15	0·11	3·12	8·34	8·09
	Tippera	Comilla	...	...	...	...	...	...	...	Nil	Nil	0·71	Nil	2·25	6·49	6·54
		Chandpore	...	...	...	...	...	...	...	Nil	Nil	0·70	0·56	1·94	7·16	5·40
		Brahmanbaria	...	...	...	...	...	...	...	Nil	Nil	1·29	0·70	3·15	5·71	7·75
		Kamchandrapore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	4·28	?
		Nasirnagar	...	...	...	...	...	...	...	Nil	Nil	?	0·25	?	3·70	
		Daudkandi	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	3·17	
		Kasba	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	7·44	
		Laksham	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	3·45	?
	Mymensingh	Kishoregunge	...	...	...	...	...	...	...	Nil	Nil	0·73	Nil	1·81	1·97	5·18
		Atia (Tangail)	...	...	...	...	...	...	...	Nil	Nil	0·09	Nil	0·74	1·45	4·27
		Mymensingh	...	...	...	...	...	...	...	Nil	Nil	0·60	Nil	1·29	4·10	4·76
		Jamalpur	...	...	...	...	...	...	...	Nil	Nil	0·35	Nil	0·68	3·20	4·11
		Netrokona	...	...	...	...	...	...	...	Nil	Nil	0·07	0·58	0·95	4·02	4·32
		Subornakhali	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·28	?
		Durgapore	...	...	...	...	...	...	...	Nil	Nil	?	5·40	?	?	?
		Sherepore Town	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	2·08	?
		Dewanganj	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	2·12	?
NORTH BENGAL.	Pabna	Pabna	...	...	...	...	...	...	...	Nil	Nil	0·19	Nil	1·02	1·32	4·24
		Sirajganj	...	...	...	...	...	...	...	Nil	Nil	0·19	Nil	0·54	1·25	4·09
	Bogra	Sherepore	...	...	...	...	...	...	...	Nil	Nil	0·40	Nil	0·72	2·97	3·84
		Nowkhilla	...	...	...	...	...	...	...	Nil	Nil	0·14	Nil	0·37	2·96	3·28
		Bogra	...	...	...	...	...	...	...	Nil	Nil	0·14	Nil	0·38	3·91	3·25
		Panchbibi	...	...	...	...	...	...	...	Nil	Nil	0·12	0·14	0·42	1·04	1·97
	Rajshahi	Boalia	...	...	...	...	...	...	...	Nil	Nil	0·06	Nil	0·45	0·94	2·73
		Nator	...	...	...	...	...	...	...	Nil	Nil	0·12	Nil	0·43	2·35	3·27
		Naogaon	...	...	...	...	...	...	...	Nil	Nil	0·42	Nil	0·52	2·30	2·66
		Lalpore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·47	?
		Manda	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·54	?
	Malda	Malda	...	...	...	...	...	...	...	Nil	Nil	0·18	Nil	0·47	0·96	2·90
		Chanchal	...	...	...	...	...	...	...	Nil	Nil	0·06	Nil	0·23	0·20	2·22
		Gajol	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·65	?
		Sibganj	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·57	?
	Dinajpur	Mohadebpore	...	...	...	...	...	...	...	Nil	Nil	0·10	Nil	0·20	1·18	1·74
		Churamon	...	...	...	...	...	...	...	Nil	Nil	Nil	Nil	0·17	0·32	1·64
		Raigunge	...	...	...	...	...	...	...	Nil	Nil	0·14	Nil	0·31	0·30	1·80
		Dinajpur	...	...	...	...	...	...	...	Nil	Nil	0·28	0·03	0·63	0·34	3·62
		Baloorghat	...	...	...	...	...	...	...	Nil	Nil	0·14	Nil	0·20	0·54	1·66
		Thakoorgaon	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·18	?
	Rangpur	Bhawanigunge (*Gyabandha*)	...	...	...	...	...	...	...	Nil	Nil	0·31	Nil	0·86	0·84	3·15
		Rangpur	...	...	...	...	...	...	...	Nil	Nil	0·35	Nil	0·97	0·37	3·55
		Kurigram	...	...	...	...	...	...	...	Nil	Nil	0·51	Nil	1·07	0·51	2·84
		Baguokra (*Nilphamari*)	...	...	...	...	...	...	...	Nil	Nil	0·37	Nil	0·76	0·40	2·52
		Ulipore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·87	?
	Jalpaiguri	Jalpaiguri	...	...	...	...	...	...	...	Nil	Nil	0·59	Nil	1·11	0·60	4·34
		Alipore Dooars	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·84	?
		Fallacotta	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·26	?
		Debiganj	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·31	?
		Bhagatpore (Nagrakatta)	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	3·66	?
	Kuch Bihar	Dinhatta	...	...	...	...	...	...	...	Nil	Nil	0·50	Nil	1·00	0·21	3·21
		Kuch Bihar	...	...	...	...	...	...	...	Nil	Nil	0·53	Nil	1·07	0·40	3·01
		Mekligunge	...	...	...	...	...	...	...	Nil	Nil	0·23	Nil	0·67	0·46	2·81
		Mathabhanga	...	...	...	...	...	...	...	Nil	Nil	0·78	0·02	1·20	0·39	3·06
	Darjeeling Hill.	Buxa	...	...	...	...	...	...	...	Nil	Nil	0·74	Nil	1·80	6·81	7·66
		Silliguri	...	...	...	...	...	...	...	Nil	Nil	0·04	Nil	0·72	0·77	2·55
		Darjeeling	...	...	...	...	...	...	...	Nil	Nil	0·32	Nil	1·00	2·80	6·14
		Kalimpong	...	...	...	...	...	...	...	Nil	Nil	0·49	Nil	1·10	2·35	3·89
		Kurseong	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	3·22	?
NORTH BIHAR	Purnea	Kishanganj	...	...	...	...	...	...	...	Nil	Nil	0·00	Nil	0·39	0·31	2·59
		Araria	...	...	...	...	...	...	...	Nil	Nil	0·05	Nil	0·43	0·13	2·37
		Purnea	...	...	...	...	...	...	...	Nil	Nil	0·09	Nil	0·31	0·08	2·54
		Gondwara	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Barsoe	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·20	?
		Matiari	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Kaliaganj	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·04	?
	North Bhágalpur.	Madhipura	...	...	...	...	...	...	...	Nil	Nil	0·05	Nil	0·25	0·31	2·25
		Supaul	...	...	...	...	...	...	...	Nil	Nil	0·06	Nil	0·28	0·23	2·04
		Protaoganj	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·33	?
	Darbhanga	Tájpur	...	...	...	...	...	...	...	Nil	Nil	0·03	Nil	0·18	0·47	2·03
		Darbhanga	...	...	...	...	...	...	...	Nil	Nil	0·02	Nil	0·20	0·94	2·19
		Madhubani	...	...	...	...	...	...	...	Nil	Nil	0·04	Nil	0·36	0·81	2·40
		Bahera	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·20	?
		Rosnera	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·40	?
	Muzaffarpur	Sitamarhi	...	...	...	...	...	...	...	Nil	Nil	0·06	Nil	0·35	0·23	1·99
		Muzaffarpur	...	...	...	...	...	...	...	Nil	Nil	0·10	Nil	0·32	0·82	2·96
		Hajipur	...	...	...	...	...	...	...	Nil	Nil	0·07	Nil	0·21	1·33	2·12
		Paru	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·70	?
		Mahua	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·75	?
		Sishar	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Pupri	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·40	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 19th of March 1892—concld.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 13th March.	Monday, 14th March.	Tuesday, 15th March.	Wednesday, 16th March.	Thursday, 17th March.	Friday, 18th March.	Saturday, 19th March.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
NORTH BIHÁR —*concluded.*	Champaran ...	Motihari	...	...	...	...	...	...	...	Nil	Nil	0·04	Nil	0·33	0·11	1·85
		Bettiah ...	...	...	...	...	...	...	...	Nil	Nil	0·02	Nil	0·31	0·15	1·87
		Baaha ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·10	?
		Burhurwa ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·04	?
	Saran ...	Gopalgunge ...	...	...	...	...	...	...	...	Nil	Nil	0·02	Nil	0·04	0·22	1·80
		Siwán	...	...	...	...	...	...	...	Nil	Nil	0·01	Nil	0·12	1·03	2·54
		Chapra ...	...	...	...	...	...	...	...	Nil	Nil	0·03	Nil	0·21	1·11	2·50
SOUTH BIHÁR	Shahabad ...	Buxar	...	...	...	...	...	...	...	Nil	Nil	0·12	Nil	0·20	1·45	2·60
		Dehri .	...	...	...	...	...	...	...	Nil	Nil	Nil	Nil	0·41	0·51	3·07
		Bhabhua ...	...	...	...	...	...	...	...	Nil	Nil	0·06	Nil	0·48	2·81	3·40
		Sasarám ...	...	...	...	...	...	...	...	Nil	Nil	0·04	Nil	0·19	0·73	2·70
		Arrah ...	...	...	...	...	...	...	...	Nil	Nil	0·06	Nil	0·24	1·44	2·10
		Mohaniah .	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	2·36	?
		Khiri ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	?	?
		Agraon ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	?	?
		Rammagur .	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	?	?
		Koath ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	?	?
		Sikroul ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	?	?
		Bassowan ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	?	?
		Monaharpur	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	?	?
	Gaya	Aurangabad ...	...	...	...	...	...	...	...	Nil	Nil	0·06	Nil	0·27	1·58	2·15
		Gaya ...	...	...	...	...	...	...	...	Nil	Nil	0·05	Nil	0·23	1·52	2·57
		Nawadah ...	...	...	...	...	...	...	...	Nil	Nil	0·04	Nil	0·26	0·54	2·53
		Jahanabad ...	...	...	...	...	...	...	...	Nil	Nil	0·04	Nil	0·27	0·11	2·36
		Arwal	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·40	?
		Daudnagar	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·24	?
		Sherghati ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·78	?
		[illegible]	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	2·10	?
		Pakri Barawan	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·33	?
	Patna .	Patna ..	...	...	...	...	...	...	...	Nil	Nil	0·12	Nil	0·25	1·50	2·45
		Dinapore	...	...	...	...	...	...	...	Nil	Nil	0·05	Nil	0·15	0·88	2·30
		Bihar ...	...	...	...	...	...	...	...	Nil	Nil	0·02	Nil	0·22	0·36	2·79
		Barh ...	...	...	...	...	...	...	...	Nil	Nil	0·03	Nil	0·23	0·38	2·42
		Bickram ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·95	?
		Hilsa .	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·57	?
	Monghyr ...	Begusarai ...	...	...	...	...	...	...	...	Nil	Nil	0·02	Nil	0·14	0·76	2·70
		Monghyr	...	...	...	...	...	...	...	Nil	Nil	0·02	Nil	0·17	0·17	2·56
		Jamui .	...	...	...	...	...	...	...	Nil	Nil	0·10	Nil	0·50	0·50	2·48
		Gogri ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·23	?
	South Bhágalpur	Bhagalpur ..	...	...	...	...	...	...	...	Nil	Nil	0·04	Nil	0·19	0·20	2·28
		Banka .	...	...	...	...	...	...	...	Nil	Nil	0·05	Nil	0·26	0·99	2·78
		Kolgong ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Bangaon .	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·41	?
	Sonthal Parganas.	Rajmahal ...	...	...	...	...	...	...	...	Nil	Nil	0·05	Nil	0·17	0·70	1·76
		Godda ..	...	...	...	...	...	...	...	Nil	Nil	0·08	Nil	0·28	0·88	2·14
		Pakaur	...	...	...	...	...	...	...	Nil	Nil	0·10	Nil	0·33	2·08	1·93
		Naya Dumka	...	...	...	...	...	...	...	Nil	Nil	0·11	Nil	0·54	1·51	3·06
		Deoghur	...	...	...	...	...	...	...	Nil	Nil	0·06	Nil	0·44	1·19	3·42
		Jamtara ...	...	...	...	...	...	...	...	Nil	Nil	0·09	Nil	0·47	1·43	2·68
		Mohagama	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?		?
		Nanihat .	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	2·71	?
CHOTA NAGPUR.	Hazáribagh .	Pachamba (*Giridi*). ...	...	...	...	...	...	...	...	Nil	Nil	0·07	Nil	0·54	1·45	2·87
		Hazáribágh .	...	...	...	...	...	...	...	Nil	Nil	0·12	Nil	0·53	2·17	3·22
		Somtacuras	...	...	...	...	...	...	...	Nil	Nil	0·11	Nil	0·78	1·50	2·96
		Mahudi Hills	...	...	...	...	...	...	...	Nil	Nil	0·08	Nil	0·63		3·11
		Jhoomra Hills	...	...	...	...	...	...	...	Nil	Nil	Nil	Nil	2·23	1·20	4·74
		Barhi ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·41	
		Chatra .	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·60	?
		Karagdeha ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·81	?
		Ramghur .	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?		?
	Lohardaga ...	Lohardaga ...	...	...	...	...	...	...	...	Nil	Nil	0·17	Nil	1·04	2·13	4·22
		Ranchi ...	...	...	...	...	...	...	...	Nil	Nil	0·14	0·03	0·81	2·04	4·18
		Palamau .	...	...	...	...	...	...	...	Nil	Nil	0·12	Nil	0·52	0·83	3·26
		Silli ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?		?
		Balumat ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·18	?
		Hosseinabad	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·66	?
		Garwah ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·49	?
	Singbhum ...	Chaibassa ...	...	...	...	...	...	...	...	Nil	Nil	0·13	Nil	0·76	1·72	4·24
		Chakradharpore.	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?		?
		Ghatsilla ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·88	?
		Baharagura	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·62	?
	Manbhum ..	Purulia ...	...	...	...	...	...	...	...	Nil	Nil	0·08	Nil	0·71	1·63	3·51
		Gobindpur ..	...	...	...	...	...	...	...	Nil	Nil	0·05	Nil	0·42	1·20	3·03
		Raghunathpore.	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·56	?
		Barrabhum	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·73	?
		Jhalda ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·47	?
		Chas ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·97	?
		Pandra ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	?	?

Explanation.— .. indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the 22nd March* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 19TH OF MARCH 1892.

FINE settled weather of almost hot weather type prevailed at the close of the previous week, and during the week under review these hot weather conditions appear to have become completely established. The changes in meteorological conditions which have occurred from day to day have, however, been generally small and of little importance. On the 13th pressure had fallen very slowly, and was below the normal by amounts which ranged up to about 0·15" in the north-east of the province. The temperature and humidity changes were a little variable, and temperature was generally about one or two degrees above the normal, and winds were westerly or west-south-westerly at all stations except in the extreme east of the province. The changes of pressure on the 14th were small and irregular, but on the 15th pressure fell; on the 16th there was a slight rise, and on the 17th a corresponding fall, which was succeeded on the 18th and 19th by a slight rise. The changes of pressure during the week have therefore only been of the slight oscillatory character which accompany fine weather. Temperature, on the other hand, has been almost steadily increasing, the increase on the 14th generally averaging from 1° to 2°, while on the 16th it equalled from 2° to 4° and so on, so that at the close of the week the mean temperature of the province was generally from 4° to 6° above the normal, and at such stations as Arrah, Buxar, Dehri and Ranchi, the excess was from about 8° to 9°. Winds during the week have also been strongly westerly, though towards its close the southerly element rather increased in force, and on the 19th winds generally varied in direction from southerly to westerly, while fairly strong winds were also setting in at the southern and western stations. During the week with the westerly winds which have been blowing, humidity has been particularly low over a large part of the province, and at such stations as Midnapore, Burdwan, Raniganj, Bankura, &c., the average percentage of saturation has only equalled a little more than 30 per cent. The skies have also been almost cloudless for the greater part of the week, and again not a single station in the province has reported any rain.

Pressure—Has been low throughout the week, and over the greater part of the province the mean pressure has been in defect of the normal by more than a tenth of an inch, the defect at many stations, particularly in the north of the province, ranging up to 0·12" to 0·13". The defect has, however, been smallest in Orissa and parts of Chota Nagpur, where it does not much exceed 0·07."

Temperature—Has risen steadily almost throughout the week, and at its close had become particularly high. The mean temperature for the whole province for the week has been about two and-a-half degrees in excess of the normal, while in East Bengal, South Bihár, and Chota Nagpur the excess has been larger than three degrees. Some very high maximum temperatures for the season have occurred during the week; thus Midnapore on the 19th registered 105·4°, Cuttack on the 18th and 19th 103·4°, and Chaibassa, Bankura, Raniganj, and Burdwan also on the 19th below 103° and 104°, while several other stations reported temperatures of 101° and 102°.

The distribution of temperature over the province and its variation for the week are most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the period at nine typical stations in different districts are compared with their normal values. It will be seen that the variation has been to a great extent confined to the day temperature, for the maximum temperatures at several stations have been 5° and 6° in excess of the normal, while the night or minimum temperatures have been nearly normal:—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 19th March 1892.

	Normal mean maximum temperature for the week ending 19th March.	Actual mean maximum temperature for the week ending 19th March 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 19th March.	Actual mean minimum temperature for the week ending 19th March 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 19th March.	Actual mean daily temperature for the week ending 19th March 1892.	Variation of actual mean from the normal.
Cuttack	96·7	101·8	+5·1	73·3	68·1	—5·2	85·0	84·9	—0·1
Calcutta	90·6	96·7	+6·1	70·1	68·8	—1·3	80·4	82·8	+2·4
Dacca	90·2	95·9	+5·7	68·5	69·1	+0·6	79·4	82·5	+3·1
Burdwan	93·9	98·7	+4·8	68·8	66·2	—2·6	81·4	82·5	+1·1
Patna	90·7	93·3	+2·6	63·4	65·1	+1·7	77·1	79·2	+2·1
Gaya	93·7	97·6	+3·9	65·8	68·7	+2·9	79·7	83·1	+3·4
Purnea	90·0	95·3	+5·3	60·0	57·9	—2·1?	75·0	76·6	+1·6?
Hazáribágh	88·4	92·2	+3·8	63·7	65·3	+1·6	76·1	78·8	+2·7
Darjeeling	56·4	55·7	—0·7	42·8	44·9	+2·1	49·6	50·2	+0·6

Rainfall—Has been entirely absent throughout the week from the whole province.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 19th of March 1892 :—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th Oct. 1891.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	103 4	62·7	93·3	70 2	81·8	+0·3	Nil	0·24	—0·24	0·00	0·41	—0·41	0·02	0·70	6·68	6·12
South-West Bengal ...	105·4	59·5	97·5	68·0	82·8	+2·1	Nil	0·18	—0·18	0·00	0·31	—0·31	Nil	0·68	1·32	4·19
East Bengal	97·1	59·7	91·2	68·3	79·7	+2·5?	Nil	0·47	—0·47	0·00	0·65	—0·65	0·19	1·54	3·38	6·25
North Bengal	100·2	53 4	94·1	60·7	77·4	+2·3	Nil	0·27	—0·27	0 00	0·34	—0·34	0·01	0·63	1·04	2·94
North Bihár	99·3	53·3	94·1	59 9	77 2	+2·2	Nil	0·05	—0·05	0·00	0·12	—0·12	Nil	0·27	0·53	2·26
South Bihár	101·7	60·1	96·4	66·1	81 3	+3·7	Nil	0·06	—0·06	0 00	0·10	—0·10	Nil	0·28	0·99	2·57
Chota Nagpur	96·7*	60·7*	91·8*	66·4*	79 1*	+3·3*	Nil	0·10	—0·10	0·00	0·19	—0·19	0·02	0 82	1·61	3·58

* Chaibassa not included.

METEOROLOGICAL OFFICE, BENGAL,
The 22nd March 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 13th to 19th March 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature.						Hygrometry.			Rainfall past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
March ...	13th ...	29 893	82 0	96·0	28 1	67·9	87·6	67·6	·410	53·4	32	Nil.
,, ...	14th ...	·811	81 6	98·0	32 9	65·1	85·6	68·6	·472	57·3	39	,,
,, ...	15th ...	·831	83 9	97·0	26 2	70·8	83·6	72·4	·648	66·2	56	,,
,, ...	16th ..	·823	85 9	100·0	28·2	71·8	89·6	72·6	·570	62·6	41	,,
,, ...	17th ...	·812	85·9	100 0	28·2	71·8	89·4	75·5	·696	68·4	50	,,
,, ...	18th ...	·837	85·4	101·0	31·8	69 8	88·1	75·3	·712	69·1	53	,,
,, ...	19th ...	·831	86·1	102·3	32 5	69·8	89·6	74·5	·652	66·5	47	,,

	Inches.
The mean 10 A.M. pressure of the seven days	29·838
The mean temperature of the seven days	84·4°
The extreme variation of temperature	37·2
The maximum temperature	102·3
The mean 10 A.M. relative humidity of the seven days	45 %
The total fall of rain from 13th to 19th March 1892	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The 21st March 1892.

Results of the Meteorological Observations taken at the Alipore Observatory from 13th to 19th March 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Maximum.	Range.	Minimum.	Hygrometry. Mean wet bulb.	Vapour tension.	Dew point.	Humidity	Wind. Prevailing direction.	Miles recorded.	Rain.	Weather.
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Mar	13th	148·8	8·5	29·763	77·9	94·4	33·0	61·4	64·3	0·431	51·8	51	SW and WNW	120	Nil	Clear.
,,	14th	151·4	9·8	·757	79·0	96·4	31·2	65·2	67·0	·502	59·1	57	WSW and WNW	109	,,	Day clear, night partially cloudy.
,,	15th	151·5	7·7	·751	80·8	94·8	24·1	70·7	69·6	·578	65·0	60	WSW and SWly S	107	,,	Morning cloudy, day and night clear, o.
,,	16th	152·3	9·5	·749	82·9	98·5	26·7	71·8	72·6	·668	67·2	65	SSW and SW	196	,,	Clear, ⏶.
,,	17th	150·5	9·1	·730	83·5	98·7	26·5	72	70·7	·581	63·2	51	SSW and WSW	187	,,	Clear, ⏶.
,,	18th	155·1	9·5	·753	82·9	99·7	30·2	69·5	70·1	·566	62·5	50	SSW and SW	170	,,	Clear
,,	19th	154·5	8·0	·755	84·1	100·4	29·0	71·4	70·2	·519	61·6	46	SWly, S and SW	157	,,	Clear

	Inches.
The mean pressure of the seven days	29·751
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·826
	Hours.
The total number of hours of bright sunshine	62·4
The maximum possible number of hours of sunshine	83·9
	°
The mean temperature of the seven days	81·6
The average temperature of the corresponding period for 24 years, S.-G.'s Office	80·6
The extreme variation of temperature	39·0
The maximum temperature	100·4
	Miles.
The highest velocity of the wind in one hour	17
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	54
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	65
	Inches
The total fall of rain from 13th to 19th March 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·13
The total fall from 1st January to 19th March 1892	0·04
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	2·41

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; ⏶, dew.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 21st March 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 27th February 1892.

1	2	3			4			5			6	7							8							9	10		11		12
		POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.				Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
DISTRICTS.	NAMES OF MUNICIPALITIES.	Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan	Burdwan ...	18,063	16,017	34,080	7	9	*16*	10·7	13·7	*24·4*	77	7	2	26	7	...	6	*48*	10·7	3·0	39·7	10·7	...	9·1	*73·2*	50·4	30	18	86·4	58·4	148
	Raniganj ...	6,246	4,691	10,937	4	3	*7*	19·0	14·3	*33·3*	133	28	...	7	3	...	1	*39*	133·1	...	33·3	14·3	...	4·7	*185·4*	133·1	25	14	208·1	155·2	134
Bankura ...	Bankura ...	8,970	8,925	17,895	9	6	*15*	26·2	17·4	*43·6*	150	...	...	11	1	...	5	*17*	...	...	32·0	2·9	...	14·5	*49·4*	34·9	5	12	29·0	69·9	41
Birbhum ...	Suri ...	3,982	3,866	7,848	2	1	*3*	13·2	6·6	*19·9*	200	...	...	7	1	...	2	*10*	...	...	46·4	6·6	...	13·3	*66·3*	53·0	5	5	65·3	67·3	97
Midnapore ...	Midnapore ...	16,927	16,633	33,560	13	8	*21*	20·1	12·4	*32·5*	162	1	1	23	5	...	4	*34*	1·5	1·5	35·6	7·7	...	6·2	*52·7*	43·4	17	17	52·2	53·1	98
Hooghly, including Serampore.	Hooghly and Chinsura.	15,858	15,829	31,687	7	9	*16*	11·5	14·8	*26·3*	78	...	...	33	5	...	4	*42*	...	...	54·1	8·2	...	6·6	*68·9*	50·9	25	17	82·0	55·8	147
	Serampore ...	13,559	12,937	26,496	5	5	*10*	9·8	9·8	*19·6*	100	...	...	8	7	1	6	*22*	...	...	15·7	13·7	2·0	11·8	*43·2*	49·1	10	12	38·4	48·2	79
	Utterpara ...	3,046	2,464	5,510	...	2	*2*	...	18·9	*18·9*	No male birth.	...	...	3	1	...	...	*4*	...	...	28·3	9·4	...	...	*37·7*	75·5	3	1	51·2	21·1	242
Howrah ...	Howrah ...	53,153	37,660	90,813	25	25	*50*	14·3	14·3	*28·6*	100	18	...	23	9	...	10	*60*	10·3	...	13·2	5·2	...	5·7	*34·4*	34·4	39	21	38·2	29·0	131
	Bally ...	7,836	6,979	14,815	4	7	*11*	14·0	24·6	*38·6*	57	...	...	6	3	...	3	*12*	...	...	21·1	10·5	...	10·5	*42·1*	31·6	8	4	53·1	29·8	178
24-Parganas	Cossipore-Chitpur*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·9	...	...	...	...	...
	Manicktolla* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7·3	...	...	...	...	...
	Baranagore* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South Suburban*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nadia ...	Krishnagar ...	13,263	14,214	27,477	2	7	*9*	3·8	13·2	*17·0*	28	1	...	20	...	...	1	*22*	1·9	...	37·8	...	...	1·9	*41·6*	36·0	16	6	62·7	22·0	285
	Ranaghat ...	4,028	4,655	8,683	4	4	*8*	23·9	23·9	*47·9*	100	...	...	9	...	...	1	*10*	...	...	53·9	...	...	6·0	*59·9*	53·9	7	3	80·4	33·5	254
	Santipur ...	13,708	15,979	29,687	11	8	*19*	19·3	14·0	*33·3*	137	3	...	20	1	...	2	*26*	5·3	...	35·0	1·7	...	3·5	*45·5*	49·0	13	13	49·3	42·3	116
Jessore ...	Jessore ...	4,830	3,665	8,495	1	2	*3*	6·1	12·2	*18·4*	50	...	...	9	1	...	...	*10*	...	...	55·1	6·1	...	...	*61·2*	36·7	6	4	64·6	56·8	113
Murshidabad	Berhampore ...	11,657	11,948	23,605	5	6	*11*	11·0	13·2	*24·2*	83	1	...	21	...	...	1	*23*	2·2	...	46·3	...	...	2·2	*50·7*	61·7	13	10	58·0	43·5	113
	City Murshidabad	18,901	20,330	39,231	5	9	*14*	6·6	11·9	*18·5*	55	...	...	25	...	...	2	*27*	...	...	33·1	...	...	2·6	*35·8*	33·1	18	9	49·5	23·0	215
Khulna ...	Khulna ...	3,249	3,043	6,292	3	1	*4*	24·8	8·2	*33·0*	300	1	...	1	...	...	1	*3*	8·2	...	8·2	...	...	8·2	*24·8*	33·0	2	1	33·0	17·1	187
Dinajpur ...	Dinajpur ...	7,254	5,306	12,560	5	4	*9*	20·7	16·6	*37·3*	125	...	...	7	...	...	2	*9*	...	...	29·0	...	...	8·3	*37·3*	82·8	4	5	28·7	49·0	58

Rajshahi ...	Rampur Boalia ...	10,766	9,025	19,791	6	4	*10*	15·8	10·5	*26·3*	150	..	..	31	...	1	4	*39*	...	...	89·3	..	2·6	·5	*109·5*	49·9	21	18	101·4	103·7	97
Rangpur ...	Rangpur ...	8,011	5,309	13,320	6	3	*9*	23·4	11·7	*35·1*	200	...	...	3	...	...	...	*3*	...	...	11·7	...	...	...	*11·7*	43·9	3	...	19·5	...	No female death.
Bogra ...	Bogra ...	3,480	2,699	6,179	1	2	*3*	8·4	16·8	*25·2*	50	...	...	3	...	...	...	*3*	...	...	25·2	...	...	...	*25·2*	16·8	3	...	44·8	...	Do.
Pabna ...	Pabna ...	7,701	7,566	15,267	10	9	*19*	34·0	30·7	*64·7*	111	...	...	7	...	...	5	*12*	...	...	23·3	...	...	17·0	*40·9*	44·3	9	3	60·8	20·6	295
	Sirajganj ...	11,213	9,824	21,037	10	4	*14*	24·7	9·9	*34·6*	250	...	...	5	...	...	...	*5*	...	...	12·4	...	...	...	*12·4*	22·2	3	2	13·9	16·6	131
Darjeeling	Darjeeling ...	4,579	2,439	7,018	...	...	...	...	...	...	...	...	..	2	..	...	...	*2*	...	...	14·8	...	...	...	*14·8*	51·9	2	...	28·7	...	No female death.
Jalpaiguri ...	Jalpaiguri ...	4,972	2,975	7,947	1	4	*5*	6·5	26·2	*32·7*	25	...	...	4	...	...	...	*4*	...	...	26·2	..	...	...	*26·2*	26·2	3	1	31·4	17·5	179
Dacca ...	Dacca ...	42,782	37,379	80,161	34	21	*55*	22·1	13·6	*35·7*	162	1	33	43	4	...	10	*91*	·6	21·4	27·9	2·6	...	6·5	*59·0*	48·7	45	46	54·7	64·0	85
	Narainganj ...	7,605	4,956	12,561	9	10	*19*	37·3	41·4	*78·7*	90	...	...	2	...	...	1	*3*	...	...	8·3	...	...	4·1	*12·4*	58·0	...	3	...	31·5	No male death.
Faridpur ...	Faridpur ...	5,663	4,600	10,263	2	4	*6*	10·1	20·3	*30·4*	80	...	...	4	..	...	2	*6*	...	...	20·3	...	...	10·1	*30·4*	35·5	4	2	36·7	22·6	162
Backergunge ...	Barisal ...	8,701	4,485	13,186	7	4	*11*	27·6	15·7	*43·4*	175	...	...	14	1	1	2	*18*	...	...	55·2	3·9	3·9	7·9	*71·0*	31·5	10	8	59·5	92·8	64
Mymensingh ...	Nasirabad ...	10,443	4,413	14,856	...	...	...	...	...	...	...	...	..	2	1	...	...	*3*	...	...	7·0	3·5	...	...	*10·5*	28·0	2	1	10·0	11·8	54
Chittagong ...	Chittagong ...	13,340	8,790	22,130	11	7	*18*	25·8	16·4	*42·3*	157	11	...	19	...	..	...	*30*	25·8	...	44·6	...	...	...	*70·5*	32·9	18	12	70·2	71·0	99
Noakhali ...	Sudharam ...	3,410	1,714	5,124	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	..	...	40·6	"	...	...	...	...
Tippera ...	Comilla ...	8,153	5,353	13,506	10	7	*17*	38·5	27·0	*65·5*	142	7	...	5	...	...	2	*14*	27·0	...	19·3	...	...	7·7	*53·9*	123·2	4	10	25·5	97·1	26
Patna ...	Patna City ...	78,762	81,475	160,237	40	36	*76*	13·0	11·7	*24·7*	111	...	..	36	13	2	23	*74*	...	...	11·7	4·2	·6	7·5	*24·0*	31·2	40	34	26·4	21·7	131
	Bihar ...	23,799	25,172	48,971	12	14	*26*	12·7	14·9	*27·6*	85	3	2	15	2	1	11	*34*	3·2	2·1	15·9	2·1	1·1	11·7	*36·1*	38·2	14	20	30·6	41·2	74
	Dinapore ...	25,424	26,801	52,225	8	6	*14*	7·9	5·9	*13·9*	133	...	...	6	4	..	2	*12*	...	...	5·9	4·0	...	2·0	*11·9*	12·9	5	7	10·2	13·6	75
Gaya ...	Gaya ...	38,290	37,831	76,121	17	13	*30*	11·6	8·9	*20·5*	130	4	2	23	9	...	6	*44*	2·7	1·4	15·7	6·1	...	4·1	*30·1*	34·2	19	25	25·8	34·4	75
Shahabad ...	Arrah ...	20,960	22,505	43,465	18	20	*38*	21·5	23·9	*45·5*	90	...	...	18	...	...	7	*25*	...	.	21·5	...	...	8·4	*29·9*	27·5	12	13	29·8	30·0	99
	Buxar ...	9,299	8,369	17,668	...	5	*5*	...	14·7	*14·7*	No male birth.	...	...	13	2	...	5	*20*	...	..	38·2	5·9	...	14·7	*58·9*	20·6	15	5	83·9	31·1	269
Muzaffarpur ...	Muzaffarpur ...	23,084	19,658	42,742	12	17	*29*	14·6	20·7	*35·3*	70	1	...	25	...	...	8	*34*	1·2	...	30·4	...	...	9·7	*41·4*	40·1	24	10	54·1	26·5	204
Darbhanga ...	Darbhanga ...	33,774	32,322	66,096	25	26	*51*	19·7	20·5	*40·1*	96	...	...	16	11	...	9	*36*	...	...	12·6	8·6	..	7·1	*28·3*	28·3	12	24	18·5	33·6	47
Saran ...	Chapra ...	25,116	26,554	51,670	20	10	*30*	20·1	10·1	*30·2*	230	...	...	15	2	...	7	*24*	...	..	15·1	2·0	...	7·0	*24·2*	23·2	14	10	29·0	19·6	148
Champaran ...	Motihari ...	6,328	3,979	10,307	5	2	*7*	25·2	10·1	*35·3*	250	...	...	8	...	...	...	*8*	...	...	40·4	...	...	...	*40·4*	40·4	3	5	24·7	65·3	38
Monghyr ...	Monghyr ...	28,154	29,366	57,520	23	17	*40*	20·8	15·4	*36·2*	135	...	2	19	3	...	10	*34*	...	1·8	17·2	2·7	...	9·0	*30·7*	42·5	20	14	36·9	24·8	148
	Jamalpur ...	7,455	6,107	13,563	2	5	*7*	7·6	19·1	*26·8*	40	...	...	2	...	...	3	*5*	...	...	7·6	...	...	11·5	*19·1*	23·0	1	4	7·0	34·1	20
Bhágalpur ...	Bhagalpur ...	34,916	33,322	68,238	24	25	*49*	15·3	19·0	*37·3*	96	...	...	35	4	1	5	*45*	...	...	25·7	3·0	·8	3·8	*34·3*	47·2	23	22	34·3	34·3	100
Purnea ...	Purnea ...	8,463	6,553	15,016	2	1	*3*	6·9	3·5	*10·4*	200	...	...	5	...	...	3	*8*	...	...	17·3	...	...	10·4	*27·7*	31·2	6	2	36·9	15·9	232
Malda ...	English Bazar ...	6,289	6,141	12,430	2	5	*7*	6·3	20·9	*29·3*	40	...	...	12	1	...	2	*15*	...	...	50·2	4·2	...	8·3	*62·8*	54·3	12	3	99·2	25·4	380
Sonthal Parganas.	Deoghur ...	4,964	3,041	8,005	3	...	*3*	19·5	...	*19·5*	No female birth.	14	...	7	2	...	1	*24*	90·9	...	45·5	13·0	...	6·5	*155·9*	103·9	19	5	199·0	85·5	232
Cuttack ...	Cuttack ...	22,632	20,607	43,239	12	7	*19*	14·4	8·4	*22·8*	171	3	6	9	3	...	7	*28*	3·6	7·2	10·8	3·6	...	8·4	*33·7*	31·3	12	16	27·6	40·4	68
Puri ...	Puri ...	13,217	11,537	24,784	3	6	*9*	6·3	12·6	*18·9*	50	5	1	9	5	...	10	*30*	10·5	2·1	18·9	10·5	...	20·9	*62·9*	65·0	15	15	58·9	67·6	87
Balasore ...	Balasore ...	10,282	9,983	20,265	15	5	*20*	38·5	12·8	*51·3*	300	...	1	5	...	...	6	*12*	...	2·6	12·8	...	...	15·4	*30·8*	23·1	6	6	30·3	31·3	98
Hazáribágh ...	Hazáribágh ...	7,630	7,667	15,305	6	8	*14*	20·4	27·2	*47·6*	75	...	...	8	...	...	1	*9*	...	...	27·2	...	...	3·4	*30·6*	30·6	5	4	34·0	27·1	125
Lohardaga ...	Ranchi ...	10,101	8,342	18,443	14	10	*24*	39·5	28·2	*67·7*	140	...	1	2	4	...	3	*10*	...	2·8	5·6	11·3	...	8·4	*28·2*	39·5	7	3	36·0	18·7	192
Singhbhum ...	Chaibassa ...	3,126	2,880	6,006	1	...	*1*	8·6	...	*8·6*	No female birth.	...	...	2	...	...	1	*3*	...	...	17·3	...	...	8·6	*26·0*	43·3	3	...	49·9	...	No female death.
Manbhum ...	Purulia ...	5,060	4,244	9,304	3	2	*5*	16·8	11·1	*27·9*	150	...	...	6	...	2	...	*8*	...	...	33·5	...	11·1	...	*44·7*	33·5	6	2	61·7	24·5	252
	Total ...	797,090	724,323	1,521,413	486	435	*921*	16·6	14·9	*31·5*	111	109	51	702	115	9	207	*1,193*	3·7	1·7	24·0	3·9	·3	7·1	*40·8*	38·1	666	527	43·4	37·8	115

* Return not received up to date.

DISTRICTS.	NAMES OF MUNICIPALITIES.	13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
		DEATHS AMONG—					RATIO PER 1,000 OF POPULATION PER ANNUM.					DEATHS.										RATIO PER 1,000 OF POPULATION PER ANNUM.									
		Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	36	12	...	...	...	79·0	60·8	...	...	6	2	1	...	2	14	10	4	6	3	472·7	40·1	22·3	...	33·3	91·9	75·4	47·1	127·1	105·3
	Raniganj	...	39	...	...	...	...	227·3	...	...	...	1	2	4	1	2	7	9	9	3	1	221·3	105·7	183·7	57·1	127·1	150·2	217·8	374·1	258·3	124·7
Bankura ...	Bankura	...	15	2	...	...	...	45·9	121·1	...	...	1	...	2	1	...	...	4	1	1	7	109·9	...	46·1	28·7	...	...	78·8	28·5	47·0	366·6
Birbhum ...	Suri	...	5	5	...	...	...	44·5	130·6	...	...	1	...	...	...	3	1	...	1	...	4	238·9	...	...	...	202·1	39·8	...	59·0	...	435·1
Midnapore ...	Midnapore ...	...	26	6	...	...	...	52·1	57·6	...	...	5	1	...	1	3	9	2	4	3	6	349·9	22·1	...	17·1	49·4	63·7	15·8	55·8	75·6	170·5
Hooghly, including Serampore.	Hooghly and Chinsura.	...	30	12	...	...	...	61·7	101·2	...	...	5	5	4	1	1	4	5	8	4	5	323·8	117·2	72·1	21·0	20·7	33·5	45·5	99·7	80·0	125·4
	Serampore	1	21	...	...	...	163·0	43·3	...	...	...	3	2	1	...	2	5	5	...	2	2	219·7	57·6	20·7	...	47·6	48·3	52·3	...	54·3	74·8
	Utterpara	...	4	...	...	...	...	39·1	...	...	...	1	...	...	...	...	...	2	1	...	...	323·0	...	...	...	...	...	98·0	74·2	...	...
Howrah ...	Howrah	1	48	10	...	1	27·5	36·6	25·3	...	215·8	6	7	2	...	1	11	10	9	8	6	151·2	65·7	16·5	...	7·1	25·2	27·0	39·8	75·8	83·2
	Bally	...	11	1	...	...	...	42·7	39·7	...	...	2	...	...	...	1	...	1	2	3	3	287·3	...	...	...	39·0	...	18·6	53·7	146·9	213·1
24-Parganas	Cossipore-Chitpur*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Manicktola* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Baranagore* ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South Suburban*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nadia ...	Krishnagar ...	...	15	7	...	...	...	41·9	44·0	...	...	4	3	1	1	...	3	2	3	3	2	419·4	63·2	15·1	18·5	...	32·4	24·3	47·8	74·0	60·2
	Banaghat	...	9	1	...	...	...	64·0	38·1	...	...	1	...	...	1	1	1	...	1	...	5	251·2	...	...	59·9	83·5	31·5	...	51·8	...	456·9
	Santipur ...	...	14	12	...	...	...	35·2	69·8	...	...	3	3	...	...	...	4	2	3	1	10	184·6	53·8	...	...	...	42·4	24·0	44·4	22·6	264·8
Jessore ...	Jessore	...	7	3	...	...	...	80·7	40·8	...	...	...	1	...	...	...	4	...	2	...	3	...	105·3	...	...	...	103·3	...	99·0	...	340·6
Murshidabad.	Berhampore ...	...	19	4	...	...	...	54·4	40·1	...	...	2	2	...	3	2	3	4	2	3	2	275·9	65·2	...	82·0	59·0	35·0	47·0	30·2	83·0	65·1
	City Murshidabad	...	16	11	...	...	...	36·6	36·2	...	...	6	1	2	...	2	4	1	3	5	3	405·9	21·1	30·2	...	40·2	28·4	7·2	26·7	73·2	50·4
Khulna ...	Khulna	...	2	1	...	...	...	32·6	17·1	...	...	1	...	...	...	1	...	...	...	...	1	409·4	...	...	...	100·4	...	...	...	...	165·1
Dinajpur ...	Dinajpur	...	1	8	...	...	...	8·6	64·9	...	...	3	...	2	1	...	1	1	...	1	...	757·3	...	83·1	52·0	...	19·3	21·0	...	62·7	...
Rajshahi ...	Rampur Boalia ...	...	14	25	...	...	...	73·5	132·5	...	...	7	1	...	...	2	8	7	6	1	7	896·6	36·7	...	...	31·3	100·1	101·0	127·2	41·9	378·0
Rangpur ...	Rangpur	...	1	2	...	...	...	8·0	15·6	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	32·9	18·2	...	...	...
Bogra ...	Bogra	...	3	...	...	...	...	97·5	...	...	...	...	...	1	1	...	1	...	...	...	...	...	...	74·3	99·9	...	59·4	...	...	...	...

District	Town																															
Pabna ...	Pabna ...	...	...	5	7	...	...	...	36·4	44·9	...	...	4	3	...	...	...	...	2	1	1	1	523·9	107·0	...	...	...	...	41·7	30·5	51·4	53·3
	Sirajganj	...	...	1	4	...	...	...	6·1	16·9	...	...	1	1	..	...	...	1	...	...	1	1	96·5	21·8	...	...	...	14·1	...	...	[illegible]1·6	44·6
Darjeeling ...	Darjeeling	...	...	1	...	1	...	...	11·3	...	31·5	...	1	...	...	...	...	...	1	...	..	...	429·8	...	...	...	...	...	36·8	...	...	...
Jalpaiguri ...	Jalpaiguri	...	...	1	3	...	...	...	12·2	42·8	...	...	2	...	...	...	.	..	...	...		2	707·5	...	...	...	..	...	...	...	...	330·2
Dacca ...	Dacca ...	...	...	34	57	...	...	...	43·9	75·4	...	...	21	26	9	3	4	12	3	4	1	8	575·3	183·3	47·2	19·6	28·5	40·7	13·4	24·8	11·0	74·6
	Naraingan]	...	...	...	3	...	...	...		24·7	...	...	1	...	1	...	.	...	..	...	.	1	186·4	...	39·4	..	...	...	...	...	...	79·8
Faridpur ...	Faridpur	...	...	4	2	...	...	...	38·9	21·4	..	...	...	...	..	..	.	...	1	2	1	2	...	...	...	...	...	...	35·6	89·2	64·5	140·4
Backergunge...	Barisal ...	...	.	5	13	...	...	...	43·0	99·0	...	..	4	1	4	1	1		1	1	1	4	1,061·2	61·1	191·9	45·7	41·1		20·5	34·2	58·3	366·8
Mymensingh ...	Nasirabad	...	...	1	2	...	.		6·8	14·7	...		.		..	.		2		...	..	1	...	..	..		.	28·6	...	..	...	86·1
Chittagong ...	Chittagong	..	3	6	21	.	.	193·0	33·8	71·4		..	6	2	3	1	2	4	6	2	1	3	554·2	52·9	62·4	20·2	43·0	44·9	93·5	46·1	47·9	196·0
Noakhali .	Sudharam	...	.	.	.	..	...		...		..		...		.	..		...			..	..	...	...	...	...	.		...	...	.	...
Tippera ..	Comilla ...	...	...	5	9	...		...	43·7	63·3	...	...	2	.	..	1	3	2	2	3		1	850·2	.	...	35·6	124·0	37·7	52·2	118·7	...	76·7
Patna ..	Patna City	...	..	60	14	...		..	26·2	17·8	...		13	6	1	3	2	9	7	4	4	20	217·2	21·4	3·1	10·8	9·3	16·2	15·7	11·0	14·7	75·3
	Bihar ..	...	...	27	7	...	...	.	41·7	23·8	..	...	7	2	4	1	2	3	2	2	3	5	245·1	18·0	34·4	10·8	34·8	18·4	14·8	20·2	43·1	115·7
	Dinapore ...	...		9	3	..	.		12·1	13·3			4	.			2	.	1	.	1	4	145·8	.	...	...	30·8		6·9	...	13·7	50·7
Gaya ..	Gaya ...	..	...	34	10	...	..		29·5	32·3	...	...	8	3	..	1	1	6	1	12	5	9	232·4	24·6	.	7·7	9·9	21·2	4·1	63·5	23·7	90·9
Shahabad ..	Arrah ...	..	...	10	6	...		..	31·9	25·1			6	5	...	1	..	3	1	1	3	5	212·2	58·7	.	11·[illegible]	.	19·9	6·1	11·1	50·4	90·2
	Buxar ...	..	.	16	4	...	...	.	39·8	57·9		...	5		1	1		2	3	3	1	4	626·5	...	25·3	25·3		32·6	51·3	73·5	47·2	192·2
Muzaffarpur ..	Muzaffarpur	.	..	24	10	.	...	..	41·6	41·7	..		6		1	2	...	3	5	4	6	7	326·7	.	11·6	26·3		18·2	37·3	41·5	96·1	149·5
Darbhanga .	Darbhanga	...	.	27	9	..	..		29·0	26·6	...		14	2	2		...	2	3	2	4	7	467·6	13·7	13·3	..	...	7·8	14·0	14·0	47·4	114·0
Saran .	Chapra ...	...	...	21	3	.	..		27·5	13·1			10	1	.	...	.	2	2	...	3	6	368·5	10·1	...	...	...	11·3	11·7	...	37·7	91·7
Champaran ..	Motihari ...		.	4	4	..	...	.	77	75·1	..	.	3	1		...		..	..	1	..	3	1,138·7	53·0			...	.	...	46·5		257·0
Monghyr ..	Monghyr ..	..		27	7	.			31·4	29·0			9	3	2	1	.	1	2	2	2	12	315·[illegible]	25·1	14·7	9·1		5·0	11·7	16·3	26·2	174·0
	Jamalpur	...	..	4	1		.		[illegible]	16·9		...	3		.		...	1			.	1	43·4			..	...	18·5	...			78·0
Bhágalpur ...	Bhágalpur	.	1	39	5		.	134·7	41·5	13·8	...	..	8	11	4	1		...	5	3	4	9	299·9	88·2	29·4	7·2	...	..	23·7	[illegible]	41·0	108·8
Purnea .	Purnea .	...		5	3	...	.	..	25·3	27·6		...	...	...	...	1		2	2	1	...	2	.	...	.	43·6	...	31·7	36·5	28·0	..	128·9
Malda ..	English Bazar	..	.	7	5	.	...	.	50·1	80·8	...	.	1	1	1	2	.	1	2		5	2	176·3	54·6	34·6	54·2	...	22·6	48·4	...	347·6	147·9
Sonthal Parganas.	Deoghur ...	...	...	24	.		..	..	102·0	...	.	...	1	2	...	1	1	6	4	5	2	2	400·0	181·9		84·4	80·2	165·3	129·6	277·5	268·4	272·3
Cuttack .	Cuttack ...		1	22	5	.		28·1	34·0	33·7	.	...	13	6	...	1	1	2	1	2	...	3	608·2	83·5		13·8	12·9	11·9	6·5	22·9	...	52·9
Puri .	Puri ...	..	...	30	.		...	..	63·6		...	..	7	1	1	...	2	3	5	2	2	7	1,201·3	28·9	23·2		65·9	20·5	64·2	31·3	46·6	201·6
Balasore ...	Balasore .		...	9	3	...	..		27·5	50·8	..		6		...	.	.	1	1	.	1	3	550·8	...	...	...	...	12·7	17·8	..	40·6	134·7
Hazáribágh ..	Hazaribagh	..	...	6	1		.		37·8	12·6	...	..	2				...	...	2	3		2	213·6	...	...	...	...	...	48·8	95·6	...	124·3
Lohardaga ...	Ranchi .	..		4	[illegible]		3	...	22·[illegible]	25·[illegible]	.	66·1	2		...	.	..	2		2	2	2	221·3	..	...	..	..	27·3	[illegible]	57·3	106·0	128·2
Singhbhum ..	Chaibassa ...	.		3	..	.	...	..	30·[illegible]		...		1	.	...	.	...		1	...	...	1	321·0	..	...	..	...	.	45·6	...	...	235·7
Manbhum ...	Purulia ...		..	6	2	.		..	40·0	53·3		..		1	1	1	1	1	1	1	...	1	...	58·4	47·1	58·0	62·7	26·1	30·7	55·9	...	151·6
	TOTAL ..		7	[illegible]	33	1	4	27·7	40·5	41·7	25·5	45·2	233	108	53	34	45	153	143	123	96	214	[illegible]	41·6	17·7	12·7	20·1	26·4	27·5	36·7	46·0	120·0

* Return not received up to date.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 19th March 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.*,

Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1891-92.

Areas leased for irrigation up to end of January 1892.

Circle.	District.	Canal.	Estimated full discharge.	Average discharge in month.	Discharge utilised.	Approximate area of land irrigated during the year up to the end of the month.	Approximate area of land under irrigation up to the same date last year.	Details of areas leased. Five years, all crops.	Five years, kharif.	Annual leases. Kharif.	Rabi.	Sugarcane.	Bhadoi.	Hot-weather.	Total.	Grand Total.	Rainfall, 1891-92. During month.	Rainfall, 1891-92. Up to end of month.	Rainfall, 1890-91. During month.	Rainfall, 1890-91. Up to end of month.	Remarks.
			C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	Inches.	Inches.	
Orissa	Cuttack	Taldunda, 1st reach	1,432	60	2	10,537	10,584	......	10,590	......	273	21	......	......	294	10,884	......	70·00	......	70·68	
		Ditto, 2nd "	566	58																	
		Machgong	776	13	12	33,358	27,313	......	30,899	2,439	63	4	......	......	2,506	33,405	......	62·19	......	58·03	
																		51·98	......	68·0	
		Kendrapara	1,067	242·22	96·43	47,489	52,288	......	51,976	......	3,330	50	......	......	3,380	55,356	......	48·93	......	52·36	
		Gobri	372·82	51·61	27·32	3,063	5,059	......	3,312	......	74	......	......	......	74	3,386	......	73·33	......	52·45	
		Do. Extension	648	70·88	54·65	3,633	4,068	......	3,418	......	20	......	......	......	20	3,438		No rain gauge.			
		Pattamoondi	885	87·51	16·63	13,541	12,645	......	12,785	......	44	......	......	......	44	12,829		Ditto.			
		High Level, Range I	608	161	26	21,368	20,611	......	22,074	......	17	11	......	......	28	22,102	......	42·84	......	45·90	
		Ditto, ditto II	726·16	......	......	2,732	2,526	......	2,529	......	62	......	......	......	62	2,591	......	......	......	......	
		Jajepore Canal	700	......	......	1,360	......	......	662	5	......	......	......	......	5	667	......	......	......	......	
	Balasore	High Level, Range III	726·16	......	......	37,201	36,463	......	40,785	......	1	207	......	......	208	40,993	......	62·09	......	43·33	
		Total	......	......	......	174,288	171,857	......	179,030	2,444	3,884	293	......	......	6,621	185,651	......	......	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	......	178,746	......	4,272	240	......	......	4,512	183,258	......	......	......	......	
South-Western.	Midnapore	Midnapore	1,411	110	......	78,673	75,861	......	76,056	......	......	......	......	......	......	76,056	......	54·92	......	49·63	Whole month discharging.
		Panchkoora	522	2	......	5,258	4,615	......	5,706	......	......	......	......	......	......	5,706	......	41·60	......	49·18	4 days discharging.
	Howrah	Tidal Reaches, Ranges I-II	......	......	......	375	363	......	376	......	......	......	......	......	......	376	......	......	......	......	
		Total	......	......	......	82,306	80,839	......	82,798	......	......	......	......	......	......	82,798	......	......	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	......	82,149	47	......	......	......	......	47	82,196	......	......	......	......	
Sone	Shahabad	Western Main	4,342	2,472	290	52,002	18,217	14,400	......	1,220	32,597	112	......	155	34,074	48,474	0·06	15·98	1·07	51·60	
		Buxar	1,226	799	458	125,035	60,929	57,920	......	3,203	56,677	135	26	2,864	62,905	120,825					
		Arrah	2,000	1,360	806	165,496	109,877	108,997	......	13,857	21,697	578	169	6,954	43,255	152,252	0·09	24·08	1·84	64·77	
	Patna and Gaya.	Eastern Main	1,466	483	442	2,522	1,639	1,258	......	457	656	8	1	......	1,122	2,380	0·13	34·04	2·03	61·56	
		Patna				90,751	63,422	51,867	......	27,757	9,882	280	324	......	38,243	90,110					
		Total	......	......	......	435,806	284,084	234,442	......	46,494	121,509	1,113	520	9,973	179,599	414,041	......	......	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	220,836	......	33,238	14,928	3,924	300	8,444	60,834	281,670	......	......	......	......	
		Grand Total	......	......	......	692,400	536,480	234,442	261,828	48,928	125,393	1,406	520	9,973	186,220	682,490	......	......	......	......	
		Grand Total of the corresponding period of last year	......	......	......	......	......	220,836	260,895	33,285	19,200	4,164	300	8,444	65,393	547,124	......	......	......	......	

CALCUTTA,
The 22nd March 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Major Works for the month of January* 1892, *as compared with that of the corresponding month of the previous year.

Canals.	Tollage, 1891-92. During the month.	Tollage, 1891-92. To end of the month.	Tollage, 1890-91. During the month.	Tollage, 1890-91. To end of the month.
Orissa Circle.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Taldunda Canal System	193 12 7	3,470 13 7	30 10 2	1,778 0 9
Kendrapara ditto	10,239 5 1	76,709 8 5	10,797 1 2	69,526 6 6
High Level, Range I	1,515 10 3	9,330 8 0	1,322 11 3	8,965 3 2
Ditto " II	364 3 9	2,129 5 3	289 5 6	2,542 8 6
Ditto " III	174 10 11	1,380 8 4	161 15 3	1,803 7 8
Jajpur Canal ...	37 12 0	202 4 0	31 12 0	246 13 0
Total Orissa Circle ...	12,525 6 7	93,222 15 7	12,633 7 4	81,862 7 7
South-Western Circle.				
Midnapore Canal	14,577 14 3	95,548 8 3	13,262 7 0	1,01,133 6 6
Hidgellee Tidal Canal ...	4,505 0 9	25,323 1 0	179 3 3	26,733 0 6
Total South-Western Circle	19,082 15 0	1,20,871 9 3	13,441 10 3	1,27,866 7 0
Sone Circle.				
Patna Canal System ...	1,756 3 0	20,422 2 0	2,464 13 6	20,860 15 2
Arrah ditto ...	938 7 3	17,157 5 0	1,273 3 9	15,123 9 6
Buxar ditto ...	778 7 9	8,685 13 9	898 12 3	8,237 3 3
Total Sone Circle ...	3,473 2 0	46,265 4 9	4,636 13 6	44,221 11 11
Grand Total ...	35,081 7 7	2,60,359 13 7	30,711 15 1	2,56,950 10 6

Government Transport Service.

Canal.	Tollage, 1891-92. During the month. Passengers.	Goods.	Total receipts.	To end of the month. Passengers.	Goods.	Total receipts.	Tollage, 1890-91. During the month. Passengers.	Goods.	Total receipts.	To end of the month. Passengers.	Goods.	Total receipts.
Orissa Circle.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level ...	1,673	1,568	1,750 13 4	10,277	9,794	10,275 9 1	1,260	1,579	2,017 14 1	9,860	8,049	10,729 7 9
Total Orissa Circle	1,673	1,568	1,750 13 4	10,277	9,794	10,275 9 1	1,268	1,579	2,017 14 1	9,860	8,049	10,729 7 9

Total Navigation Receipts.

Canals.	Earnings, 1891-92. During the month.	Earnings, 1891-92. To end of the month.	Earnings, 1890-91. During the month.	Earnings, 1890-91. To end of the month.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Orissa Canals ...	14,276 3 11	1,03,498 8 8	14,651 5 5	95,591 15 4
Midnapore Canal ...	14,577 14 3	95,548 8 3	13,262 7 0	1,01,133 6 6
Hidgellee Tidal Canal ...	4,505 0 9	25,323 1 0	179 3 3	26,733 0 6
Sone Canals ...	3,473 2 0	46,265 4 9	4,636 13 6	44,221 11 11
Total ...	36,832 4 11	2,70,635 6 8	32,729 13 2	2,67,680 2 3

Calcutta,
The 22nd March 1892.

G. C. Maconchy,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 19th March 1892, as compared with the corresponding week of the previous year.

Nature of Cargo.	Week ending Saturday, the 19th March 1892.			Week ending Saturday, the 21st March 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	564	1,88,060	3,276	1,195	2,90,700	5,146
Jute	4	1,125	22	121	78,125	1,439
Firewood	109	70,425	1,042	121	82,125	1,124
Other articles	868	2,55,650	3,902	973	2,86,415	4,457
Total ...	1,545	5,15,260	8,242	2,410	7,37,365	12,166

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 12th March 1892, on 1,525½ miles open.

	Coaching Traffic		Merchandise and Mineral Traffic		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	280,808	2,95,669 8 0	29,42,958 0	6,02,884 8 0	16,993 13 0	10,05,544 13 0	77,064½	107,480⅞	184,545
Or per mile of railway	... ..	193 13 0	..	394 3 3	11 2 3	659 2 6	......	... ..	. ..
For previous 9 weeks of half-year	2,598,941	29,33,578 12 0	2,55,51,460 20	58,58,916 7 8	1,56,277 14 9	89,48,773 2 5	687,367⅞	935,377¼	1,622,745
Total for 10 weeks ...	2,879,749	32,29,245 4 0	2,84,94,418 20	65,51,800 15 8	1,73,271 11 9	99,54,317 15 5	764,432	1,042,858	1,807,290
Comparison.									
Total for corresponding week of previous year .	279,640	3,11,634 13 10	26,04,831 20	6,45,883 10 3	17,877 6 8	9,75,415 14 9	73,459	109,202	182,661
Per mile of railway corresponding week of previous year .	...	204 4 9	.....	423 6 3	11 11 6	639 6 6	... ..	.. ..	....
Total to corresponding date of previous year	3,017,944½	36,34,306 15 1	2,76,79,327 20	65,54,785 5 1	2,11,939 5 11	1,04,01,031 10 1	791,743	1,016,671	1,808,414

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 12th March 1892, on 57½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs A. P.			
Total traffic for the week ..	14,740	7,866 7 0	74,116 10	4,400 11 0	40 0 0	12,306 2 0	1,703	868	2,571
Or per mile of railway . .	258	137 8 1	1,296 30	78 8 2	0 11 2	216 11 5	.....	......	......
For previous 9 weeks of half-year	122,241*	64,839 8 0*	5,19,561 20†	30,592 15 0†	439 9 3‡	95,872 0 3	16,612	7,335	23,947
Total for 10 weeks ..	136 981	72,704 15 0	5,93,677 30	35,083 10 0	479 9 3	1,08,268 2 3	18,315	8,203	26,518
Comparison.									
Total for corresponding week of previous year	14,099½	7,859 8 2	56,447 20	3,506 13 0	61 6 6	11,427 11 8	1,603	791	2,394
Per mile of railway corresponding week of previous year	246½	137 6 6	987 0	61 4 11	1 1 2	199 12 7	......	......	......
Total to corresponding date of previous year	198,452	1,19,409 4 4	4,35,859 30	30,184 1 0	610 12 9	1,50,293 8 1	16,910	8,411	25,321

* Deducted number of passengers 12,276 and Rs. 9,014 0 0
† Added maunds 63,364-30 and " 298 15 0
‡ Deducted " 37 6 9
} on account of differences between the approximate and audited returns from 1st to 30th January 1892.

—8,754 7 9

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 12th March 1892, on 22½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	24,408*	5,573 0 0*	15,084 10	682 5 0	11 0 0	6,216 5 0	851	117	968
Or per mile of railway	......	250 7 7	......	28 6 8	0 7 11	279 6 2	......	......	......
For previous 9 weeks of half-year	190,367†	48,515 8 0†	1,58,473 0‡	5,807 13 9‡	102 0 9§	54,425 6 6	8,356	840	9,196
Total for 10 weeks ...	214,775	54,088 8 0	1,73,557 10	6,440 2 9	113 0 9	60,641 11 6	9,207	957	10,164
Comparison.									
Total for corresponding week of previous year	29,594½	8,107 8 10	13,682 10	448 4 0	6 1 6	8,561 14 4	1,065	123	1,188
Per mile of railway corresponding week of previous year ...	......	364 6 2	......	20 2 4	0 4 4	384 12 10	......	......	......
Total to corresponding date of previous year	273,037½	73,803 6 5	1,42,473 30	4,857 9 0	106 9 6	78,767 8 11	9,978	1,088	11,066

* The decrease in coaching is due to figures for the corresponding period of 1891 having included traffic on account of "Shiva Rátri."
† Added number of passengers 432 and deducted Rs. 406 0 0 }
‡ Ditto maunds 2,367 and " 33 4 0 } on account of differences between the approximate and audited returns from 1st to 30 January 1892.
§ Deducted " 2 15 3 }
—375 11 3

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Behar Sections.)

Approximate Return of Traffic for week ended 12th March 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	181,630	86,950 0 0	5,02,189 0	69,480 0 0	9,550 0 0	1,65,980 0 0	30,092	24,517	54,609
Or per mile of railway	234	112 0 0	646 0	89 0 0	†1 0 0	202 0 0	......	......	......
For previous 9 weeks of half-year*	1,598,579	7,79,723 0 0	51,87,676 0	7,88,618 0 0	1,15,925 0 0	16,84,266 0 0	263,174	258,076	521,250
Total for 10 weeks ...	1,780,209	8,66,673 0 0	56,89,865 0	8,58,098 0 0	1,25,475 0 0	18,50,246 0 0	293,266	282,593	575,859
Comparison.									
Total for corresponding week of previous year	145,076	69,925 0 0	6,86,310 0	1,28,698 0 0	12,759 0 0	2,11,382 0 0	29,808	34,633	64,441
Per mile of railway corresponding period of previous year ...	187	90 0 0	883 0	166 0 0	†2 0 0	258 0 0	......	......	......
Total to corresponding date of previous year	2,120,340	13,03,849 0 0	70,34,975 0	13,65,618 0 0	3,15,754 0 0	29,85,221 0 0	324,069	364,409	688,478

* Audited up to week ending 23rd January 1892.
† Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 12th March 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	30,881	12,020 0 0	51,222 0	2,920 0 0	100 0 0	15,040 0 0	4,220	1,452	5,672
Or per mile of railway ...	247	96 0 0	410 0	23 0 0	1 0 0	120 0 0	......	......	......
For previous 9 weeks of half-year*	270,292	97,504 0 0	5,63,736 0	35,486 0 0	922 0 0	1,33,912 0 0	32,239	20,464	52,703
Total for 10 weeks ...	301,153	1,09,524 0 0	6,14,958 0	38,406 0 0	1,022 0 0	1,48,952 0 0	36,459	21,916	58,375
Comparison.									
Total for corresponding week of previous year	26,670	9,738 0 0	77,761 0	4,415 0 0	50 0 0	14,203 0 0	3,522	2,230	5,752
Per mile of railway corresponding week of previous year ...	213	78 0 0	622 0	35 0 0	1 0 0	114 0 0	......	......	......
Total to corresponding date of previous year	342,768	1,71,500 0 0	6,52,753 0	36,442 0 0	688 0 0	2,08,630 0 0	37,132	23,912	61,044

* Audited up to week ending 23rd January 1892.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 12th March 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	18,492	6,040 0 0	11,301 0	990 0 0	130 0 0	7,160 0 0	2,504	720	3,224
Or per mile of railway	215	70 0 0	131 0	12 0 0	1 0 0	83 0 0	......	......	......
For previous 9 weeks of half-year*	161,416	51,843 0 0	1,04,167 0	11,284 0 0	837 0 0	63,964 0 0	22,140	7,732	29,872
Total for 10 weeks ...	179,908	57,883 0 0	1,15,468 0	12,274 0 0	967 0 0	71,124 0 0	24,644	8,452	33,096
Comparison.									
Total for corresponding week of previous year	15,661	5,259 0 0	41,721 0	3,437 0 0	127 0 0	8,823 0 0	2,854	1,206	4,060
Per mile of railway corresponding week of previous year ...	182	61 0 0	485 0	40 0 0	2 0 0	103 0 0	......	......	......
Total to corresponding date of previous year	201,580	76,142 0 0	4,20,570 0	38,873 0 0	2,040 0 0	1,17,055 0 0	26,920	15,377	42,297

* Audited up to week ending 23rd January 1892.

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 12th March 1892, on 27½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,189	1,230 0 0	23,518 0	1,290 0 0	70 0 0	2,590 0 0	509	635	1,144
Or per mile of railway	117	45 0 0	863 0	47 0 0	3 0 0	95 0 0	......	......	......
For previous 9 weeks of half-year*	30,606	10,649 0 0	1,18,286 0	6,281 0 0	226 0 0	17,156 0 0	4,284	4,721	9,005
Total for 10 weeks ...	33,795	11,879 0 0	1,41,804 0	7,571 0 0	296 0 0	19,746 0 0	4,793	5,356	10,149
Comparison.									
Total for corresponding week of previous year	4,020	1,312 0 0	6,517 0	382 0 0	20 0 0	1,714 0 0	509	527	1,036
Per mile of railway corresponding week of previous year ...	148	48 0 0	239 0	14 0 0	1 0 0	63 0 0	......	......	......
Total to corresponding date of previous year	43,855	16,484 0 0	1,24,418 0	6,190 0 0	157 0 0	22,831 0 0	6,054	5,892	11,946

* Audited up to week ending 23rd January 1892.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhoot State Railway.)

Approximate Return of Traffic for the week ending 5th March 1892, on 755(a) miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 755 (a) miles open	80,410	34,260	3,24,570	43,750	8,930	86,940	11,112	16,570	27,682
Or per mile of railway (754) (b)	106·64	45·44	430·46	58·02	11·84	115·30	......	......	......
For previous 8¾ weeks of half-year	671,460	2,93,410	26,77,390	3,53,720	71,730	7,18,860	94,707	135,299	230,006
Total for 9¾ weeks ...	751,870	3,27,670	30,01,960	3,97,470	80,660	8,05,800	105,819	151,869	257,688
Comparison.									
Total for corresponding week of previous year on 705 miles open	80,905	33,309	4,54,019	57,575	8,819	99,703	11,500	18,146	29,646
Per mile of corresponding week of previous year	114·76	47·25	644·85	81·66	12·51	141·42	......	......	......
Total to corresponding date of previous year	923,670	4,04,500	38,17,809	5,37,955	80,790	10,23,245	102,184	185,549	287,733

(a) Includes 3½ miles from Bairagnia to Bairagnia Basar on Sitamarhi Branch opened from 1st March 1892 for goods traffic only and excludes 2 miles previously excess shown.
(b) Calculated upon average mileage 754.

Printed and published by Edwin Morris Lewis at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 23rd March 1892.

[REGISTERED No. 29.]

No. 13 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, MARCH 30, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 26th March 1892.

	No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.				
Burdwan Divn.	1	Burdwan Mar. 26, '92 Kalna ... Katwa ... Raniganj ...	Nil Nil Nil Nil	Weather—getting warm. Pressing of sugarcane still going on. Scarcity of water felt in places. Prices of common rice:— Srs. Sadar ... ... 12 to 16 Kalna ... ... 10 to 13¼ Katwa ... ... 13¼ Raniganj ... ... 13 per rupee.
	2	Bankura .. 26, '92	Nil	Weather—days hot, nights cool. Rain wanted for ploughing. Fields are being manured for rice and sugarcane. *Khasla til* is being sown. Straw is selling at 6 *pans* per rupee. Supply of water insufficient. Common rice selling at 15 seers per rupee at Bankura and at 16½ seers at Vishnupur.
	3	Birbhum .. 26, '92 Rampur Hât ...	Nil Nil	Weather—warm. Nothing to report about crops. Fodder and water sufficient. Condition of cattle normal. Common rice selling at from 13½ to 16 seers per rupee.
	4	Midnapore .. 26, '92	Nil	Weather—becoming very hot. *Rabi* crops being gathered. In Ghatál there is some scarcity of water. Prices of common rice:— Srs. Sadar ... ... 13 Contai ... ... 16 Tamluk ... ... 13 Ghatál ... . 14½ per rupee.
	5	Hooghly .. 26, '92 Serampore . Jahánabad ...	Nil Nil Nil	Weather—rather warm during the day, cool at night. No crops on the ground. Scarcity of water complained of in Sadar and Serampore subdivisions. This evil is well within the power of the community to deal with, as water can be obtained by a trifling expenditure of labour which the people must be forced to make. No difficulty in obtaining fodder and water-supply for cattle Prices of common rice:— Srs. Sadar ... ... 11 Serampore ... . 12 Jahánabad ... ... 13 per rupee.
	6	Howrah .. 26, '92 Ulubaria ...	Nil Nil	Weather—hot. Prospects of *rabi* crops poor. Rain wanted for cultivation of lands for early rice and jute. Price of common rice 12½ to 13 seers per rupee. Fodder and water-supply diminishing. Health of cattle satisfactory.
Presidency Divn.	7	24-Parganas „ 29, '92	Nil	Weather seasonable. Prospects unchanged. Rain much wanted. Supply of fodder sufficient. Water insufficient in thána Haroa and at Chaital in thána Hushanabad. Prices stationary. Health of cattle generally good.
	8	Nadia „ 26, '92 Kushtia ... Meherpur ... Chuadanga ... Ranaghat ...	Nil Nil Nil Nil Nil	Weather—warm. Rain urgently needed for ploughing. October sowings of indigo withering. Common rice selling at from 11 to 13 seers 14 chitaks per rupee. Fodder as yet sufficient, but water becoming scarce in places.
	9	Khulna „ 26, '92 Bágerhat ... Satkhira ...	Nil Nil Nil	Weather—hot. *Boro* in low land doing well; but in high land drying up. Rain much wanted in all places. Prices of common rice from 11 to 16 seers per rupee. Supply of fodder sufficient; but inconvenience is being felt in some places for want of drinking water for men and cattle.
	10	Jessore .. 26, '92 Jhenida .. Magura ... Narail ... Bangaon ...	Nil Nil Nil Nil Nil	Weather—nights and mornings cool, days very hot. Rain badly wanted. Agricultural operations at a standstill. Fodder sufficient. Cattle-disease reported from Harinakundu outpost of the Jhenidah subdivision. Supply of water generally insufficient.
	11	Murshidabad „ 28, '92	Nil	Weather hot, nights seasonably cool. Harvesting of *rabi* crops still going on. Prospects of standing crops not good. Rain badly wanted. No want of fodder or water for cattle. Small-pox amongst cattle reported from Jangipur is gradually disappearing. Course rice sells at 11 seers per rupee.
Chittagong Divn.	12	Chittagong ...	...	Report not received.
	13	Noakhali ...	...	Report not received.
	14	Tippera ..	...	Report not received.
	15	Chittagong Hill Tracts. ...	...	Report not received.

Division	No.	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—*concld.*					
DACCA DIVN.	16	Dacca	Mar. 26, '92	Nil	Weather—seasonable. Harvesting of *rabi* crops completed; prospects fair. *Cheena, kaon,* and *boro* paddy thriving. In some parts *cheena* is being gathered. Ploughing of land for jute and rice going on, but sowing is stopped for want of rain. Fodder available. Common rice selling at from 12 to 16 seers per rupee. Condition of cattle generally good.
	17	Faridpur	,, 26, '92	Nil	Weather—very hot for the time of year. State of standing crops fair, but rain is badly wanted to allow jute and paddy to be sown. Rice selling at 14 seers per rupee at Sadar and Goalundo, and at 14½ seers at Madaripur. No cattle-disease and no want of fodder reported, but the country is unusually dry.
	18	Backergunge	,, 26, '92	Nil	Weather—hot in the day, cool at night. State and prospects of crops unsatisfactory. Rain much wanted. Ordinary rice sells at from 10 to 14 seers a rupee. Fodder and water sufficient.
	19	Mymensingh	,, 26, '92	Nil	Weather—hot and dry. Prospect of *boro* crop not good. Supply of water and fodder sufficient except in Netrokona and Kishoreganj subdivisions. Common rice sells at from 13 to 16 seers a rupee. Condition of cattle good.
RAJSHAHI DIVN.	20	Dinajpur Thakurgaon	,, 26, '92 ...	Nil Nil	Weather—westerly wind changed to easterly wind. Mornings cloudy since the 24th. Rain very badly wanted for cultivation of land for *bhadoi* and jute. Ploughing still going on in some places. Price of rice at Sadar 12 seers per rupee; that at Thakurgaon stationary. Condition of cattle good. Supply of fodder and drinking water fair. Collector telegraphs under date 28th instant:—"Good rain here and Raiganj. More expected. Seemingly well distributed."
	21	Rajshahi Nator Nowgong	,, 26, '92	Nil Nil Nil	Weather—very dry and getting very hot. Ploughing is greatly impeded generally throughout the district for want of rain. In the Barind particularly, and in other places also, there is scarcity of good water; cattle also in the Barind have insufficient fodder. The cold-weather crops now being harvested are giving a poor return. Mango crop promises well. Average price of rice 12 seers per rupee.
	22	Rangpur Gaibanda Kurigaon Nilphamari	,, 26, '92	Nil Nil Nil Nil	Weather—getting warmer. Nights still fairly cool. Prospects unchanged. Rain badly wanted. Price of common rice 10 to 12 seers per rupee. Fodder sufficient.
	23	Bogra	,, 26, '92	2·46	Weather—very hot; fine and dry until the afternoon of the 25th, when 2·46 inches of rain fell. Some hail also fell, but no damage is yet reported. The rain has done very great good in softening the ground, and ploughing will now go on rapidly. The *aus* rice and jute crops will be greatly benefited; grass will be plentiful, and the late *rabi* crops will also be improved. Common rice is selling on the average at 13 seers a rupee.
	24	Pabna	,, 26, 92	0·03	Weather—cool at night and hot during day. Drizzling rain yesterday (25th). Ploughing and sowing delayed for want of rain. Price of common rice between 12 and 13 seers. Fodder and water sufficient. No cattle-disease.
	25	Darjeeling	,, 26, 92	0·47	Weather—fair. Tobacco and wheat being harvested. *Bhutta* and barley being sown in the hills. Rain is much needed both in the hills and Terai. Fodder burning up for want of rain. Water getting low. No cattle-disease.
	26	Jalpaiguri	,, 26, '92	Nil	Weather—hot during day and cloudy in the morning and evening towards latter part of the week. Ploughing still continues for *bhadoi* and jute; sowing could not be commenced for want of rain. Common rice is being sold at from 8 to 10 seers per rupee. No cattle-disease or want of fodder or water.
BEHAR.					
BHÁGALPUR DIVN.	27	Monghyr Begusarai Jamui	,, 26, '92	Nil Nil Nil	Weather—very warm. *Rabi* crops harvested. Rain wanted.
	28	Bhágalpur	,, 26, '92	Nil	Heat seasonable. Wind gone round to east, but no sign of rain. *Rabi* harvest in progress earlier than usual. Ploughing going on where possible. Rain much wanted for this. Mango blossoms ruined by west winds. Show of fruit perhaps 4 annas. *Mahua* less injured; may yield 10 annas. Fodder getting scarce and water low, but cattle healthy. Common rice—old 10 seers 1 chitak, new 11 seers 6 chitaks per rupee.
	29	Purnea Kishanganj Araria	,, 26, '92	Nil Nil Nil	Weather—hot and strong east wind. Ploughing continues. *Rabi* nearly all harvested. Rain much wanted for *bhadoi, cheena, kauni, mung,* and indigo. No cattle-disease or actual want of fodder and water. Prices of common rice:— Srs. Sadar ... ... 11 to 12½ } per rupee. Kishanganj ... ... 10 } Araria ... ... 13 }
	30	Malda	,, 26, '92	Nil	Weather—hot and dry. Reaping of *rabi* crops progressing. *Boro* paddy being irrigated in some places. Fodder and water plentiful. No cattle-disease. Coarse rice selling at from 10 to 13 seers a rupee.
	31	Sonthal Parganas	,, 26, 92	Nil	Weather—generally hot with west winds; at Dumka clouding up and muggy with east winds. Want of rain is injuring indigo and mangoes. Sugarcane also suffers. On diára *rabi* yields 8 to 10 annas. Price of rice varies from 11 to 14 seers per rupee. Fodder sufficient. Water deficient.

No.	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BEHAR—*concld.*				
PATNA DIVISION.				
32	Patna	Mar. 26, '92	Nil	Weather—unseasonably hot during the day, though slightly cool at night. All *rabi* crops, poppy and tobacco have been cut. Lands are being prepared for *cheena* and *bhadoi* crops; rain would be beneficial for this. Price of common rice varies from 12 to 14 seers per rupee. Prices slightly rising in Barh.
33	Gaya	„ 26, '92	Nil	Weather—hot. Harvesting of *rabi* still continues. Opium has been collected. Prices of food-grains stationary. Supply of fodder and water yet sufficient except in some villages of Aurangabad subdivision.
	Nawáda	...	Nil	
	Jahánabad	...	Nil	
	Aurangabad	...	Nil	
34	Shahabad	„ 26, '92	Nil	Weather—very hot; west winds have changed to east during the week. Harvesting of *rabi* nearly over, and the crops are being threshed. Prices show a tendency to fall except at Buxar, where they are said to be rising. Sugar-cane is being planted.
	Buxar	...	Nil	
	Bhabhua	...	Nil	
	Sasarám	..	Nil	
35	Darbhanga	„ 26, '92	Nil	Weather—hotter than usual for time of year. *Rabi* still being harvested. Prospects unchanged. Condition of cattle still good, but water scarce in places. Price of rice from 12 to 14 seers a rupee.
36	Muzaffarpur	„ 26, '92	Nil	Weather—hot with strong west winds until 24th, when the wind veered round to east. *Rabi* harvest still going on. Outturn varies in places from 2 to 8 annas. *Mung, dhan,* and *cheena* sowings progressing but sparsely owing to drought. Demand for work increasing and new relief works being opened; otherwise no complaints. Supply of fodder sufficient. Price of common rice 12 to 14 seers per rupee.
	Sitamarhi	...	Nil	
	Hajipur	...	Nil	
37	Saran	„ 26, '92	Nil	Weather—hot and seasonable. West winds till the last two days, when it changed to east. Harvesting of *rabi* crops going on. Four annas of the poppy destroyed by the west winds. Indigo burning up for want of rain. Fodder and water sufficient. Prices of common rice:— Chapra ... ... 12 Srs. 8 Ch.; Siwán ... ... 13 Srs. 12 Ch. per rupee.
38	Champaran	„ 26, '92	Nil	Weather—hot. East and west wind prevailing. *Rabi* harvest in progress; general outturn estimated at 6 to 8 annas. Opium collections are going on. Indigo sowings are coming up only moderately. Common rice is being sold at from 13 to 14 seers per rupee. Cattle are in good condition. Fodder and water plentiful.
ORISSA.				
ORISSA DIVN.				
39	Cuttack	„ 26, '92	Nil	Weather—seasonable: warm. *Dalua* crop ripening. Rain wanted. Fodder-supply sufficient. Rice sells at from 11 seers 13 chitaks to 18 seers per rupee.
40	Puri	„ 24, '92	Nil	Weather—seasonable. Land is being ploughed in places for next *sarad* crop. *Dalua* paddy ripening. Miscellaneous crops doing well. Common rice sells at from 10 to 16 seers per rupee.
41	Balasore	„ 26, '92	Nil	Weather—nights still cool, but days hot. Rain is very much wanted to enable the raiyats to begin ploughing. Prices high everywhere owing to excessive export. Common rice sells at 15 seers a rupee.
CHOTA NAGPUR.				
CHOTA NAGPUR DIVN.				
South-West Frontier Agency.				
42	Hazáribágh	Mar. 26, '92	Nil	Weather—hot with west winds. *Rabi* crops are being harvested with indiffierent outturn. *Mahua* yeilding well. Prospect of mango good. Water and fodder sufficient in most places.
	Giridih	...	Nil	
43	Lohardaga	„ 26, '92	Nil	Weather—getting hot day by day. Ploughing stopped for want of moisture. Mango blossoms withering. Common rice selling at 13 seers per rupee. Fodder and water sufficient.
44	Palámau	„ 25, '92	Nil	Weather—getting hot. Harvesting of *rabi* crops continues; outturn estimated at 4 to 6 annas. *Mahua* and mango promising well. Cattle-disease reported from Untari, Mohudaur, Pattan, Chatterpur, and Latehar. Price of common rice stationary. Water-supply sufficient. Supply of fodder getting short.
45	Singhbhum	„ 26, '92	Nil	Weather—very hot. Mango and *mahua* are the only crops to report on. Prospects poor in Dumaria and Asanbani, but elsewhere good. No change in prices of food-grains. No scarcity of water and fodder-supply.
46	Manbhum	„ 26, '92	Nil	Weather—very hot during the day. Rain badly wanted. *Mahua* being gathered. General prospects unchanged. Prices steady. Tanks are getting dry.
	Gobindpur	...	Nil	

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 29*th March*, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

The following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the Interior during the month of November, 1891.

IMPORTS INTO CALCUTTA.

Whence imported.	FOOD-GRAINS. Rice and Paddy. Rice.	Paddy.*	Total (in rice).	Wheat.	Gram and pulses.	Other food-grains.	Total.	FIBROUS PRODUCTS. Jute, raw.	Gunny-bags.†	OILSEEDS. Linseed.	Mustard seed.	Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR. Refined.	Unrefined.	TOBACCO. Unmanufactured.	Manufactured.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
BENGAL.																		
Burdwan	1,25,358	10,274	1,35,620	469	2,806	20	1,38,824	230	8,080	2,977	...	...	1	33	5	17	272	...
Birbhum	84,267	...	84,267	...	223	90	84,580	...	4,620	478	...	...	...	88	...	...	...	...
Midnapore	1,83,300	17,124	1,94,003	...	1,011	...	1,95,014	5,854	3,010	12,987	...	...	...	177	6	56	68	...
Hooghly	1,02,724	20,227	1,20,990	4,401	4,956	529	1,30,966	1,16,556	390,000	13,645	3,451	...	551	120	874	4,087	5,318	141
24-Parganas ...	98,879	17,331	1,09,711	47	386	16	1,10,160	2,80,435	317,390	102	...	...	719	...	2,005	18,802	2,078	312
Nadia	5,703	...	5,703	11,870	77,911	2,206	97,690	58,992	4,525	19,602	923	...	23	75	156	87	1,114	...
Khulna	2,847	5,359	6,196	...	...	...	6,196	18,389	70	...	...	...	...	...	150	6,450	...	...
Jessore	5,236	3,450	7,392	...	2,959	...	10,451	39,220	3,395	334	3,259	...	28	...	1,055	10,661	1,131	...
Murshidabad ...	5,161	...	5,161	8,198	13,943	750	28,052	17,036	..	6,922	...	...	4	139	454	9	16	...
Dinajpur	18,199	...	18,199	...	200	...	18,399	25,483	192,600	...	...	...	...	...	...	...	...	...
Rajshahi	626	...	626	58	5,151	...	5,835	63,282	...	4,179	419	...	...	275	...	...	...	...
Rangpur	10	...	10	76	...	...	86	2,26,664	57,855	...	921	220	2	...	...	...	9,650	...
Bogra	7,698	...	7,698	...	...	...	7,698	28,550	175	...	...	...	...	...	...	...	...	...
Pabna	66	...	66	...	1,251	2,200	3,517	3,37,404	599,935	...	9,307	...	...	...	...	...	1,008	...
Darjeeling	11,081	...	11,081	...	11,998	...	23,079	11,051	113,085	...	...	9,846	...	...	...	...	...	...
Jalpaiguri	...	...	...	...	...	...	..	1,18,800	139,195	...	...	20,720	...	...	...	...	347	...
Dacca	1,400	...	1,400	...	750	...	2,150	4,15,265	2,730	...	432	25	1,183	...	...	75	...	...
Faridpur	10,350	375	10,584	...	1,375	...	11,959	2,88,980	3,290	1,625	3,535	...	125	31	...	...	50	...
Backergunge ...	1,88,381	1,425	1,89,272	...	300	...	1,89,572	4,354	...	...	150	...	3	...	...	135	...	...
Mymensingh ...	5,091	...	5,091	...	666	...	5,757	94,536	...	...	7,728	...	...	...	...	...	...	...
Tippera	1,750	...	1,750	...	...	...	1,750	400	...	...	...	...	...	...	...	222	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	1,705	470	...	...	...	...	...
Noakhali	5,825	...	5,825	...	175	...	6,000	1,700	...	...	...	...	...	...	...	200	...	...
Total of Bengal ...	8,63,952	90,505	9,20,554	25,209	1,26,061	5,811	10,77,635	21,53,107	1,830,555	62,851	30,125	32,522	3,109	938	4,705	40,801	21,061	458
BIHÁR.																		
Patna	218	...	218	35,804	39,013	8,652	83,687	...	420	79,035	7,800	...	53	1	958	1,484	1,571	577
Gaya	15	...	15	9,700	...	...	9,724	...	140	3,752	293	...	...	...	2	3,488	...	318
Shahabad	309	...	309	15,188	17,673	675	33,845	404	210	6,884	787	...	...	...	...	4,173	43	...
Muzaffarpur ...	284	...	284	2,566	120	601	3,571	200	...	30,760	1,268	...	...	...	...	...	415	...
Darbhanga ...	...	...	...	13,373	..	...	13,373	307	105	32,034	7,141	...	...	...	...	8	537	16
Saran	2	...	2	2,127	5,923	...	8,052	...	350	9,639	550	...	...	...	...	48	140	1
Champaran ...	...	...	...	2,149	...	719	2,868	...	...	12,615	310	...	...	...	...	...	...	...
Monghyr	264	...	264	33,011	16,136	141	49,552	...	140	16,271	3,054	...	...	...	...	...	.	9
Bhágalpur ...	19	...	19	8,963	9,220	4,327	22,529	1,634	140	17,401	12,734	...	...	...	...	39	...	...
Purnea	4 5	...	415	2,635	5,031	110	8,101	33,864	385	7,524	10,709	...	...	...	...	...	802	...
Malda	647	...	647	1,871	4,013	359	6,890	15,936	.	987	133	796	...	...	...	...	...	...
Sonthal Parganas	304	...	304	9,208	17,745	829	28,176	5,049	2,135	5,224	14,451	...	...	70	...	336	...	...
Total of Bihár ...	2,567	...	2,567	1,36,604	1,14,874	16,413	2,70,468	57,544	4,025	2,22,126	59,213	796	53	71	960	9,576	3,538	916
ORISSA.																		
Cuttack	475	...	475	...	1,172	...	1,647	1,376	...	...	325	...	...	...	...	...	...	...
Balasore	58,691	17,613	69,700	...	10,447	...	80,147	9,910	7,300	...	124	...	...	...	...	...	480	...
Total of Orissa ...	59,166	17,613	70,175	...	11,619	...	81,794	11,286	7,300	...	449	...	...	...	...	...	480	...
CHOTA NAGPUR.																		
Hazaribagh ...	...	...	...	...	330	...	330	...	735	..	379	103	...	...	...	...	...	...
Singhbhum ...	...	...	...	...	25	...	25	...	175	...	...	...	...	...	...	...	46	...
Manbhum ...	10	...	10	...	...	...	...	...	280	..	...	...	...	...	...	...	...	1
Total of Chota Nagpore.	10	...	10	...	355	...	365	...	1,100	...	379	103	...	...	...	...	46	1
Grand Total of Supplies from the Provinces under the Lieutenant-Governor of Bengal.	9,25,695	1,08,178	9,93,300	1,61,813	2,52,900	22,224	14,30,232	22,21,937	1,843,070	2,84,977	90,166	33,421	3,162	1,009	5,665	50,377	25,125	1,375
OTHER PROVINCES.																		
Assam ...	565	...	565	...	...	...	565	16,753	620	965	50,989	1,53,174	161	298	...	...	..	...
North-Western Provinces and Oudh.	555	...	555	3,71,588	52,835	312	4,25,290	460	1,835	98,584	3,734	1,243	6,347	...	49	466	1,305	12
Punjab	8	...	8	6,868	10,675	3,624	21,175	...	35	...	...	475	...	...	...	...	...	...
Central Provinces	2,191	...	2,191	...	10,209	1,259	13,749	...	..	10,077	76	...	...	5	...	...	...	...
Rajputana and Central India.	...	...	...	...	...	2	2	...	...	7,682	4	...	...	...	...	...	1	...
Bombay	...		...	...	1	8	9	...	4,200	...	...	2	12,899	...	3,118	...	...	22
Madras	4	...	4	...	5,340	...	5,344	...	...	...	...	...	...	1	3,671	...	160	176
Pondicherry ...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	..	1
Burma	...	...	...	...	...	...	...	...	9,000	...	...	...	.	...	...	...	14	37
Sind	...	...	...	...	...	...	...	...	.	...	...	...	2,937	...	..	...	...	1
Other places ...	69	...	69	...	...	...	69	5	19,150	...	...	...	...	...	57,930	6,408	...	546
Grand Total of Imports in Nov. 1891	9,29,087	1,08,178	9,96,698	5,40,209	3,32,059	27,429	18,96,455	22,39,145	1,877,510	4,02,285	1,44,969	1,88,315	25,446	1,313	70,433	57,251	26,665	2,164
Grand Total of Imports in Nov. 1890	10,21,826	1,01,035	10,84,973	1,66,773	3,30,494	27,152	16,09,392	27,17,682	2,638,260	3,94,627	1,18,958	1,73,881	68,753	1,710	23,897	69,944	28,097	2,985

* One maund of paddy is equivalent to 25 seers of rice. | † Exclusive of bags obtained by local manufacture.

The Sea-borne Trade of Calcutta in these Staples during the month of November, 1891, *was as follows:—*

EXPORTED FROM CALCUTTA—	Rice.	Paddy.	Total (in rice).	Wheat.	Gram and pulses.	Other food-grains.	Total.	Jute, raw.	Gunny-bags.	Linseed.	Mustard seed.	Tea, Indian.	Cotton, raw.	Silk, raw.	Sugar, Refined.	Sugar, Unrefined.	Tobacco, Unmanufactured.	Tobacco, Manufactured.
To Indian ports, viz.—																		
Bombay ...	54,763	30	54,782	...	7,417	743	62,942	...	2,797,100	681	11,539	4,658	...	...	434	...		
Madras	2,00,727	459	2,01,014	404	27,950	1,203	2,30,571	...	60,809	...	...	...	...	294	50	...		26
Other ports in Madras ...	1,07,237	908	1,07,861	242	3,030	...	1,11,133	11,191	217,100		148	1	...	16	25	...	..	12
Burma	12,149	...	12,149	5,156	11,025	3,378	31,708	16	426,550	68,121	...	113	124	7	1,143	237	6,902	255
Other Indian ports	9	...	9	200	6,479	229	6,917	...	315,050	...	...	6	33	...	2,913	340	1,145	178
Pondicherry ...	...	...	...	229	173	...	402	...	...	...	...	...	...	...	...	...	...	...
Sind	...	...	...	...	...	...	...	...	140,150	...	...	...	...	...	...	...	...	...
Total of Inter-portal trade ...	3,74,885	1,487	3,75,815	6,231	56,074	5,553	4,48,673	11,207	3,986,750	68,802	11,687	4,778	157	317	4,584	577	8,047	464
To Foreign ports— United Kingdom	56,138	...	56,138	2,55,412	90,500	...	4,02,050	8,19,875	1,095,600	3,13,189	59,261	1,77,456	29	316	...	...	...	24
Other Foreign ports	5,32,569	892	5,33,126	705	24,142	6,747	5,64,729	7,01,386	5,720,700	36,913	131	2,515	1,598	1,498	314	...	187	112
Total of Foreign trade	5,88,707	892	5,89,264	2,56,117	1,14,642	6,747	9,66,779	15,21,261	6,816,300	3,50,102	59,392	1,79,971	1,627	1,814	314	...	187	136
Grand Total of Exports in Nov. 1891	9,63,592	2,379	9,65,079	2,62,348	1,70,716	12,300	14,10,443	15,52,468	10,803,050	4,18,904	71,079	1,84,749	1,784	2,131	4,912	577	8,234	519
Grand Total of Exports in Nov. 1890	6,88,508	4,029	8,41,026	89,595	83,006	18,872	10,32,499	17,87,438	11,483,141	3,81,944	35,131	1,84,385	18,440	718	3,918	405	12,158	565

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of November, 1891.

IMPORTS INTO CALCUTTA.

Specification of Routes.	Food-grains.					Fibrous Products.		Oilseeds.		Tea, Indian.	Cotton, raw.	Silk, raw.	Sugar.		Tobacco.	
	Rice.	Paddy.	Wheat.	Gram and pulses.	Other food-grains.	Jute, raw.	Gunny bags.	Linseed.	Mustard seed.				Refined.	Unrefined.	Unmanufactured.	Manufactured.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
By country boats ...	5,70,961	68,003	37,736	1,06,168	7,354	6,33,708	688,080	58,757	56,948	......	1,376	138	1,611	25,183	6,681	731
" river steamers ..	37,074	447	6,619	5,210	... ..	4,86,225	... .	43,531	33,623	1,41,350	845	285	189	15	554	......
" rail { E. I. Railway	1,91,220	27,647	4,95,677	1,57,881	20,075	79,513	21,280	2,98,343	40,356	2,619	6,350	182	1,009	10,059	3,811	407
" rail { E. B. S. Railway.	22,567	259	237	47,013	......	7,87,344	1,103,900	11,541	8,918	42,641	569	587	1,055	2,871	10,941	......
" road	47,876	2,118	......	.	......	2,42,630	24,600	114	......	......	......	120	1,850	12,716	4,024	256
" sea	58,489	9,754	.. .	15,787	......	9,695	39,050	......	124	1,705	16,306	1	64,719	6,408	654	770
Grand Total of Imports in November { 1891 ...	9,29,087	1,08,178	5,40,269	3,32,059	27,429	23,39,145	1,877,510	4,02,285	1,41,969	1,88,315	25,446	1,313	70,433	57,251	26,665	2,164
Grand Total of Imports in November { 1890 ...	10,21,826	1,01,085	1,66,773	3,30,404	27,152	27,17,632	3,638,260	3,94,627	1,18,958	1,73,881	68,753	1,716	23,897	69,944	28,607	2,985

The following Statement shows the Values, Quantities, and Numbers of the Principal Staples of Traffic exported Inland from Calcutta during the month of November, 1891.

EXPORTS FROM CALCUTTA.

Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny bags.
	European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
Bengal.						
Burdwan ...	3,09,080	861	573	643	19,954	96,520
Birbhum ...	1,46,440	.....	37	882	13,834	82,775
Midnapore ...	2,56,030	.. ..	2,497	.. .	19,445	15,816
Hooghly ...	1,51,121	5,050	851	285	2,079	41,415
24-Parganas ...	1,82,797	3,606	358	......	11,316	5,161
Nadia ...	2,95,630	......	1,577	......	29,542	33,705
Khulna ...	1,00,710	......	139	......	6,535	105
Jessore ...	1,56,578	.. .	702	......	18,849	2,285
Murshidabad ...	1,34,980	492	209	6	11,204	11,015
Dinajpur ...	1,40,510	......	171	......	5,514	670
Rajshahi ...	2,68,870	......	167	......	13,500	7,805
Rangpur ...	5,35,080	......	563	......	15,852	5 0
Bogra ...	3,06,670	... ..	39	......	8,217	4,690
Pabna ...	1,72,120	......	225	......	61,674	3,325
Darjeeling ..	2,06,990	......	356	......	6,088	385
Jalpaiguri ...	2,35,340	......	93	......	8,969	... .
Dacca ...	7,10,290	......	1,890	... ..	55,444	8,000
Faridpur ...	2,72,200	......	494	......	30,647	9,660
Backergunge ...	3,44,700	......	1,353	......	36,600	4,900
Mymensingh ...	2,20,220	......	28	......	28,425	980
Tippera ...	..	......	......	......	9,300	... .
Chittagong ...	1,78,119	......	10	......	...	124,650
Noakhali ...	300	......	... ..	......	4,300	... ..
Total of Bengal ...	53,25,175	10,009	12,329	1,816	4,17,268	454,452
Bihár.						
Patna ...	2,81,540	. ...	163	396	23,158	95,340
Gaya ...	2,48,570	1,476	12	1,[illegible]	12,632	24,255
Shahabad ...	3,20,950	......	24	1,283	22,255	73,430
Muzaffarpur ...	2,12,590	123	... ..	43	12,671	12,390
Darbhanga ...	4,18,460	1,476	16	779	40,868	34,525
Saran ...	3,79,540	... .	11	70	22,456	1,969
Champaran ...	4,22,520	..	14	283	15,334	15,575
Monghyr ...	2,24,850	738	10	500	10,091	37,820
Bhagalpur ..	3,00,720	37,761	88	867	20,065	40,185
Purnea ...	1,69,470	738	29	655	15,352	9,105
Malda ...	... ..	.....	12	.. ..	7,045	4,500
Sonthal Parganas ...	1,80,530	5,781	223	786	15,962	42,170
Total of Bihár ...	31,59,240	48,093	602	7,201	3,17,889	393,255
Orissa.						
Cuttack ...	......	......	199	578	2,096	38,700
Balasore ...	69,250	100	546	3,174	16,567	151,700
Total of Orissa ...	69,250	100	745	3,752	18,663	190,400
Chota Nagpur.						
Hazáribágh	75,040	......	......	185	5,124	2,695
Singbhum	32,900	.....	4	544	3,910	1,800
Manbhum	1,13,330	738	38	947	16,417	6,545
Total of Chota Nagpur ...	2,21,270	738	42	1,676	25,451	11,130
Grand total of supplies into the Provinces under the Lieutenant-Governor of Bengal ...	87,74,935	58,940	13,718	14,445	6,79,271	1,049,237
Other Provinces.						
Assam	7,08,330	......	874	283	52,869	25,955
North-Western Provinces and Oudh	28,50,470	8,979	2,028	714	33,602	849,990
Punjab	5,47,200	23,862	471	......	......	468,335
Central Provinces	1,25,580	6,396	249	883	......	204,785
Rajputana and Central India	81,480	1,353	73	13	......	103,775
Berar	4,410	3,198	......	......	......	40,775
Nizam's Territory	350	.. ...	......	......	......	......
Bombay	20,967	15,744	......	......	......	2,797,205
Madras	35,189	......	153	1,327	......	307,900
Burma	1,29,653	......	987	2,013	......	426,550
Sind	595	......	... ..	......	......	140,150
Other places	22,142	2,855	10	735	......	6,816,300
Grand Total of Exports in November { 1891 ...	1,33,01,361	1,21,327	19,468	21,015	7,65,832	13,230,957
Grand Total of Exports in November { 1890 ...	1,88,87,385	1,87,658	17,912	23,790	7,30,397	13,169,212

The Sea-borne Trade of Calcutta in these Staples during the month of November,* 1891, *was as follows:—

	Cotton piece-goods, European.	Cotton piece-goods, Indian.	Cotton twist, European.	Cotton twist, Indian.	Salt.	Gunny bags.
IMPORTED INTO CALCUTTA— From Foreign Ports—	Rs.*	Rs.	Mds.	Mds.	Mds.	No.
United Kingdom	1,12,02,418	......	16,301	... ..	4,61,692	......
Other Foreign ports ...	48,079	......	778	......	3,03,170	19,150
Total of Foreign Trade ..	1,12,50,497	......	17,079	......	7,64,862	19,150
From Indian Ports—						
Bombay	17,828	3,19,273	152	10,697	58,372	4,200
Madras	... .	39,857	......	763	... ..	......
Other ports in Madras	... .	......	......	418	6,900	......
Burma	17,250	760	......	58	......	9,000
Other Indian ports ...	......	700	......	......	......	7,300
Pondicherry	1,500	... ..	......	......	......	......
Total of Interportal Trade ...	36,578	3,60,590	152	11,936	65,272	20,500
Grand Total of Imports in November { 1891 ..	1,12,87,075	3,60,590	17,231	11,936	8,30,134	39,650
Grand Total of Imports in November { 1890...	97,59,726	4,29,845	13,170	7,421	7,80,853	4,500

* As per tariff declaration value.

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Calcutta during the month of November, 1891.

Specification of Routes.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny bags.
	European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
By country boats	1,73,445	4,700	2,036	... .	3,23,161	98,176
" river steamers	7,47,950	... ..	2,545	285	34,078	35,201
" rail { East Indian Railway	74,52,900	1,09,716	4,880	12,018	2,86,238	2,225,800
" rail { Eastern Bengal State Railway	42,75,110	......	7,519	......	1,01,046	64,890
" road	1,96,321	3,956	578	285	3,996	4,340
" sea	4,55,685	2,955	1,905	8,427	17,313	10,808,050
Grand Total of Exports in November... { 1891 ...	1,33,01,361	1,21,327	19,468	21,015	7,65,832	13,230,957
Grand Total of Exports in November... { 1890 ...	1,88,87,385	1,87,658	17,912	23,790	7,30,397	13,169,212

STATISTICAL DEPARTMENT,
The 25th March, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 20th to 26th March 1892

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Temperature. Maximum.	Temperature. Range.	Temperature. Minimum.	Hygrometry. Mean wet bulb.	Hygrometry. Vapour tension.	Hygrometry. Dew point.	Hygrometry. Humidity.	Wind. Prevailing direction.	Wind. Miles recorded.	Rain.	Weather.
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Mar.	20th	151·9	9·0	29·685	84·0	99·7	26·5	73·2	74·4	0·724	69·6	65	SWly, S, and SSW	175	Nil	Clear.
,,	21st	153·3	8·7	·692	84·4	100·8	28·2	72·6	74·0	·705	68·8	64	SSW and WSW	136	,,	Chiefly clear.
,,	22nd	150·8	8·8	·745	83·7	96·4	21·9	74·5	77·0	·841	74·0	75	SSW and S ...	180	,,	Chiefly clear.
,,	23rd	153·5	9·8	·752	84·9	100·7	27·3	73·4	75·9	·776	71·6	69	SWly, S, and WSW	117	,,	Clear.
,,	24th	151·7	10·0	·693	84·9	99·3	25·1	74·2	76·4	·798	72·4	70	SW and S	145	,,	Clear.
,,	25th	150·5	9·2	·673	84·7	96·8	21·4	75·4	77·5	·848	74·2	73	SSW, SSE, and S	200	,,	Clear.
,,	26th	148·1	8·3	·690	84·5	92·9	16·5	76·4	77·3	·842	74·0	72	SSW and S ...	194	,,	Morning cloudy, day chiefly clear, o.

	Inches.
The mean pressure of the seven days	29·704
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·789
	Hours
The total number of hours of bright sunshine	63·8
The maximum possible number of hours of sunshine	84·9
	°
The mean temperature of the seven days	84·4
The average temperature of the corresponding period for 24 years, S.-G.'s Office	82·7
The extreme variation of temperature	28·2
The maximum temperature	100·8
	Miles.
The highest velocity of the wind in one hour	13
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	70
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	65
	Inches
The total fall of rain from 20th to 26th March 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·28
The total fall from 1st January to 26th March 1892	0·04
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	2·69

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 28*th March* 1892.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS. Air pressure. Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Wind. Prevailing direction.	Mean wind velocity.	Temperature. Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Puri	Puri	29·794	29·743	—	SW	303	87·7	25th Mar.	76·6	22nd Mar.	85·8	77·8	81·8	—	80·5
		Gopalpore	29·775	29·736	—·093	Wly	459	88·7	24th ,,	70·9	24th ,,	86·7	73·5	80·1	—0·2	77·6
		False Point	29·797	29 760	—·104	SWly	350	87·4	20, 21, 23, 25, 26 Mar.	75·1	20th ,,	87·1	77·1	82·2	+1·0	80·8
	Cuttack	Cuttack	29·718	29 741	—·108	SWly	94*	105·4	20th ,,	71·3	20th ,,	104·0	75·8	89 9	+4·1	80·6
	Balasore	Balasore	29·724	29·727	—·129	SSW	229	100·5	21st ,,	71·8	21st ,,	97·9	74·1	86 0	+4 3	79·3
South-West Bengal.	South-West Midnapore, South 24-Parganas	Saugor Island	29·768	29·737	—·117	SSW	442	88·2	20 to 23 ,,	78 0	20, 22, 23&24th ,,	87·6	78·4	83 0	+0·4	81·0
	Midnapore	Midnapore	29·640	29·736	—·118	S	265	106·4	20, 21, 22, 25&26 Mar.	71·2	20&21st ,,	106 0	73 4	89·7	+6·2	80 1
	24-Parganas, Howrah, Hooghly	Calcutta	29·767	29 734	—·117	SWly	101	101·0	22nd ,,	72·7	21st ,,	99·2	74·2	86·7	+5 0	79·4
	Burdwan	Burdwan	29·684	29 731	— 115	SW	112	104·7	21st ,,	70·4	21st ,,	103·9	73·8	89·0	+6·1	79·7
	Bankura	Bankura	29·454	29·704	—·124	Variable	82	107·1	26th ,,	69 1	22nd ,,	105 2	73·9	89 5	+5·6	78 9
	Birbhum, West Burdwan	Raniganj*	29·445	29·741	—·120	Westerly	72	104·7	25th ,,	69·3	22nd ,,	104·2	72 2	88·2	+4·9	78·5
	Murshidabad	Berhampore	29 703	29 718	—·126	SSWly	110	102·7	21 & 23 ,,	66·7	21st ,,	101·9	72 1	87·0	+5·4	77·0
	Nadia	Krishnagur	29·731	29 727	—·101	SWly	160	103·1	21st ,,	69·1	20th ,,	102·5	72·6	87·5	+5·4	79·9
	Jessore, Khulna	Jessore	29·758	29 738	—·118	SW	105	103·2	21st ,,	70·4	20th ,,	99 2	73·3	86 3	+4·0	79·7
East Bengal.	Chittagong	Chittagong	29·767	29·802	—·098	SEly & Calm.	119*	93·7	24th ,,	68·1	21 & 22 ,,	91·1	69·7	80·4	+2·2	76·3
	Chittagong Hill Tracts	Demagiri						Observations not received.								
	Backergunge	Barisal	29·811*	29·768*	—·091*	Sly & Calm.	107	95·3	20, 21 & 25 Mar.	70·9	22&23 Mar.	93·9	72·9	83·4	+3·0	78·7
	Noakhali	Noakhali*	29·784	29·774	—·108	Sly & Calm.	101	93·3	25th ,,	70·3	24th ,,	89·1	72·6	80·8	+1·9	79·4
	Faridpur	Faridpur	29·778	29·765	—·098	S & SSE	162	100 0	21st ,,	69·9	23, 24th ,,	94·5	71·9	83·2	+3·5	78·4
	Dacca	Dacca	29·793	29·763	—·099	S	206	99 6	20th ,,	71·2	23rd ,,	97·1	73 8	85·5	+4·2	77 8
	Tippera	Comilla	29·813?	29 796?	—·071?	S	128	97·3	26th ,,	69·8	23rd ,,	95·2	72·9	84·1	+3·5	77·3
	Mymensingh	Mymensingh	29·762	29·773	—·096	ESE	119	96·5	26th ,,	70·3	20th ,,	94·4	72·4	83·4	+6·0	76·9
North Bengal.	Bogra	Bogra	29·718	29·732	—·089	SEly	94	102·3	21st ,,	67·2	21 & 22 ,,	99·9	69·3	84·7	+4·4	75·7
	Pabna	Sirajganj	29·749	29·745	—·104	Sly	86	101 3	21st ,,	66 4	21st ,,	98·0	69 8	83 9	+5·3	76·4
	Rajshahi	Rampur Boalia.	29·699	29·719	—·111	SSW	117	94·0	24 & 25 ,,	68·5	20th ,,	93 9	72·4	83·2	+3·2	77 6
	Malda	Malda	29·685	29·717	—	SEly	75	103·2	22nd ,,	62 3	21st ,,	101·6	69·2	85·5	—	81·2
	Dinajpur	Dinajpur	29·651	29·724	—·138?	Variable	85	101·1	22nd ,,	59·3	20th ,,	98·8	67·5	83 2	+4·8	74·3
	Rangpur	Rangpur	29·687	29 765	—·058	E	95	98 0	21st ,,	58 9	20th ,,	96 0	67·8	81·9	+5·2	77·0
	Jalpaiguri, Kuch Bihar	Jalpaiguri	29·513	29·753	—·068	Ely	105	95 4	22, 25th ,,	64·1	21st ,,	93 4	68 1	80 8	+5·5	76·0
	Darjeeling Hill Tracts	Darjeeling	22 952	—	—·037	Ely	191	60 8	24th ,,	46·4	20th ,,	58 9	48 9	54·0	+2·1	54 5
North Bihar.	Purnea, North Bhágalpur	Purnea	29·653	29·732	—·106	Calm & Ely	55	101 3	22 to 24 ,,	59 5	20th ,,	100·3	63 0	84 2	+6·3	77·8
	Muzaffarpur	Muzaffarpur	29·559	29 692	—	SSE	152	101·7	23rd ,,	63 3	22nd ,,	100·1	68·1	84·1	—	77·6
	Darbhanga	Darbhanga						Observations incomplete.								
	Champaran	Motihari	29·516	29·699	—·116	Variable	173	101 2	23rd ,,	56·8	22nd ,,	99·9	63·7	81·8	+5·3	77·1
	Saran	Chapra	29 561	29 677	—·111	E & SW	126	102 8	25th ,,	66 6	22nd ,,	101·7	68·7	85·2	+5·2	77·8
South Bihar.	Shahabad	Dehri	29·301	29·676	—·140	SSW	186	105·4	26th ,,	70 5	21th ,,	103 5	71·3*	87·9	+7·2	83·7
		Buxar	29·513	29 707	—·128	W	144	102·9	25th ,,	68 8	20th ,,	101 2	71·6	86·4	+5·1	80·1
		Arrah	29·553	29·676	—·114	Wly	103	103·8	25th ,,	67·7	23rd ,,	102 3	69·3	85·8	+5·4	78·7
	Gaya	Gaya	29·377	29 704	—·132	S	160	104 5	25th ,,	72 8	21st ,,	102·9	73 7	88·4	+5·7	83·2
	Patna	Bankipore	29·562	29 697	—·132	Variable	117	101·7	25th ,,	67 2	22nd ,,	99·3	68 6	84 0	+4·0	82·8
	South Bhágalpur, Monghyr	Bhágalpur	29 583	29·698	—·131	Calm	45	102·8	22nd ,,	66 5	23rd ,,	101·2	70·1	85·7	+5·7	79·2
	Sonthal Parganas	Dumka	29·261	29·706	—·117	NW	37	103·7	23rd ,,	67·7	22nd ,,	102·7	71·1	87·0	+5·0	81·4
Chota Nagpur.	Hazáribágh	Hazáribágh	27·778	29·630	—·104	WSW	248	100·0	25th ,,	70·8	21st ,,	98·1	72·2	85·2	+6 2	83·5
	Lohardaga, Manbhum	Ranchi	27·667	29·701	—·091	Sly	136	99·5	26th ,,	66·4	21st ,,	97 3	69·2	83·2	+5·0	83·6
	Singhbhum	Chaibassa	28·905	29·701	—·127	SWly	34	107·1	26th ,,	69·2	21st ,,	104·7	71·5	88·1	+4·4	80·9

* Mean of 6 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last

The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the tations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 26th of March 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	DISTRICT OBSERVATIONS. Of week. Mean for district.	Of week. Normal mean.	Rainfall. Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 16th October 1891. Mean for district.	Since 16th October 1891. Normal mean.	Since 16th October 1891. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
87	4·4	Nil	Nil	0·23	0·03	0·71	—0·68	8·59	8·18	+0·41	0·00	0·33	Puri ...	Puri	Orissa.
88	0	Nil											Gopalpore ...		
85	3·7	Nil											False Point ...		
78	3·4	Nil	Nil	0·21	0·02	0·99	—0·97	7·99	6·17	+1·82	0·00	0·37	Cuttack ...	Cuttack	
78	0	Nil	Nil	0·41	Nil	1·19	—1·19	4·12	5·44	—1·32	0·00	0·61	Balasore ...	Balasore	
83	4·6	Nil	Nil	0·53	Nil	1·03	—1·03	2·54	7·17	—4·63	0·00	0·54	Saugor Island ...	South-West Midnapore South 24-Parganas ...	South-West Bengal.
73	0	Nil	Nil	0·34	Nil	1·24	—1·24	0·43	4·99	—4·56	0·00	0·64	Midnapore ...	Midnapore	
81	2·3	Nil	Nil	0·49	Nil	1·18	—1·18	0·61	5·01	—4·40	0·00	0·58	Calcutta ...	24-Parganas ... Howrah ... ... Hooghly	
72	1·6	Nil	Nil	0·56	Nil	1·23	—1·23	0·64	4·45	—3·81	0·00	0·69	Burdwan ...	Burdwan	
59	0·9	Nil	Nil	0·34	Nil	0·95	—0·95	1·00	3·80	—2·80	0·00	0·55	Bankura ...	Bankura	
56	0	Nil	Nil	0·23	Nil	0·58	—0·58	2·08	3·12	—1·04	0·00	0·38	Raniganj ...	Birbhum ... ... West Burdwan ...	
80	1·6	Nil	Nil	0·40	Nil	0·85	—0·85	2·03	3·12	—1·09	0·00	0·54	Berhampore ...	Murshidabad ...	
76	1·6	Nil	0·19	0·72	0·19	1·53	—1·34	1·09	4·88	—3·79	0·20	0·79	Krishnagar ...	Nadia	
83	2·4	Nil	Nil	0·83	Nil	1·86	—1·86	1·95	5·90	—3·95	0·00	0·98	Jessore ...	Jessore ... ... Khulna	
83	1·4	Nil	Nil	0·67	Nil	1·65	—1·65	3·12	8·32	—5·20	0·00	0·90	Chittagong ...	Chittagong	East Bengal.
			Nil	0·99	Nil	2·51	—2·51	4·53	8·93	—4·40	0·00	1·20	Demagiri ...	Chittagong Hill Tracts	
70	4·1	Nil	Nil	0·75	0·32	1·80	—1·48	1·73	7·30	—5·57	0·00	1·03	Barisal ...	Backergunge	
88	1·2	Nil	Nil	1·33	0·07	2·87	—2·80	3·38	10·17	—6·79	0·00	1·32	Noakhali ...	Noakhali	
84	3·0	Nil	Nil	0·74	0·37	2·40	—2·03	3·16	5·97	—2·81	0·00	1·12	Faridpur ...	Faridpur	
86	6·3	Nil	Nil	1·22	0·05	2·92	—2·87	3·51	6·90	—3·39	0·00	1·37	Dacca ...	Dacca	
87	2·6	Nil	Nil	1·13	0·35	3·74	—3·39	6·89	8·07	—1·18	0·00	1·34	Comilla ...	Tippera	
86	5·6	Nil	Nil	0·79	0·12	1·88	—1·76	2·91	5·33	—2·42	0·00	1·17	Mymensingh ...	Mymensingh	
83	4·1	2·46	0·65	0·45	0·69	0·92	—0·23	3·38	3·54	—0·16	0·50	0·82	Bogra ...	Bogra	North Bengal.
91	5·9	Nil	0·02	0·50	0·02	1·28	—1·26	1·82	4·07	—3·35	0·00	0·87	Sirajganj ...	Pabna	
78	1·0	Nil	Nil	0·39	Nil	0·86	—0·86	1·87	3·28	—1·41	0·00	0·58	Rampur Boalia ...	Rajshahi	
56	1·1	Nil	Nil	0·19	Nil	0·55	—0·55	0·58	2·81	—2·23	0·00	0·34	Malda ...	Malda	
67	2·3	Nil	Nil	0·30	Nil	0·63	—0·63	0·53	2·42	—1·89	0·00	0·41	Dinajpur ...	Dinajpur	
62	0·4	Nil	Nil	0·49	Nil	1·41	—1·41	0·53	3·51	—2·98	0·00	0·57	Rangpur ...	Rangpur	
68	0·6	Nil	Nil	0·78	Nil	1·79	—1·79	0·40	4·06	—3·66	0·00	0·96	Jalpaiguri ...	Jalpaiguri ... ... Kuch Bihar	
72	3·9	0·47	0·27	0·86	0·27	2·03	—1·76	3·46	5·92	—2·46	0·75	1·29	Darjeeling ...	Darjeeling Hill Tracts	
53	0	Nil	Nil	0·15	Nil	0·48	—0·48	0·22	2·56	—2·34	0·00	0·23	Purnea ...	Purnea ... ... North Bhágalpur ...	North Bihár.
55	0	Nil	Nil	0·12	Nil	0·42	—0·42	0·79	2·49	—1·70	0·00	0·19	Muzaffarpur ...	Muzaffarpur	
			Nil	0·04	Nil	0·29	—0·29	0·72	2·24	—1·52	0·00	0·13	Darbhanga ...	Darbhanga	
51	0	Nil	Nil	0·05	Nil	0·37	—0·37	0·13	1·92	—1·79	0·00	0·20	Motihari ...	Champaran	
43	0	Nil	Nil	0·06	Nil	0·20	—0·20	0·79	2·34	—1·55	0·00	0·19	Chapra ...	Saran	
27	0	Nil											Dehri ...	Shahabad	South Bihár.
34	0	Nil	Nil	0·04	Nil	0·35	—0·35	1·39	2·94	—1·55	0·03	0·17	Buxar ...		
47	0	Nil											Arrah ...		
39	0·6	Nil	Nil	0·08	Nil	0·35	—0·35	0·94	2·50	—1·56	0·00	0·17	Gaya ...	Gaya	
[illegible]	0	Nil	Nil	0·07	Nil	0·28	—0·28	0·80	2·55	—1·75	0·00	0·12	Bankipore ...	Patna	
52	0	Nil	Nil	0·09	Nil	0·30	—0·30	0·53	2·64	—2·11	0·00	0·16	Bhágalpur ...	South Bhágalpur ... Monghyr	
47	0	Nil	Nil	0·12	Nil	0·49	—0·49	1·30	2·60	—1·30	0·00	0·21	Dumka ...	Sonthal Parganas ...	
33	0	Nil	Nil	0·06	Nil	1·00	—1·00	1·55	3·43	—1·88	0·00	0·16	Hazáribágh ...	Hazáribágh	Chota Nagpur.
33	0	Nil	Nil	0·07	0·08	0·86	—0·78	1·67	3·95	—2·28	0·00	0·18	Ranchi ...	Lohardaga	
			Nil	0·12	Nil	0·70	—0·70	1·43	3·43	—2·00	0·00	0·30		Manbhum	
55	0	Nil	Nil	0·29	Nil	1·05	—1·05	1·72	4·53	—2·81	0·00	0·45	Chaibassa ...	Singbhum	

ten years. The variations are *negative* when the mean of the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean
past ten years. The means of the district are the numerical average of the rainfall return received in the district, i.e., from total rainfall at the sub-divisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 26th of March 1892.

Meteorological division.	District.	Station.	Rainfall. Sunday, 20th March.	Monday, 21st March.	Tuesday, 22nd March.	Wednesday, 23rd March.	Thursday, 24th March.	Friday, 25th March.	Saturday, 26th March.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
ORISSA	Puri	Puri	...	...	...	...	...	...	...	Nil	Nil	0·13	Nil	0·43	15·91	8·77
		Khurda	...	...	...	...	...	...	...	Nil	Nil	0·21	0·10	0·80	3·85	6·83
		Banpur	...	...	...	...	...	...	...	Nil	Nil	0·26	0·01	0·69	2·24	8·00
		False Point	...	...	...	...	...	...	...	Nil	Nil	0·30	0·01	0·89	12·68	9·57
		Gop	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	?	?
		Satpara	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	4·10	?
		Pipli	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	7·54	?
	Cuttack	Jagatsingpore	...	...	...	...	...	...	...	Nil	Nil	0·15	Nil	0·63	12·90	5·87
		Banki	...	...	...	...	...	...	...	Nil	Nil	0·38	0·05	1·28	1·22	6·41
		Cuttack	...	...	...	...	...	...	...	Nil	Nil	0·14	Nil	1·20	4·87	6·29
		Kendrapara	...	...	...	...	...	...	...	Nil	Nil	0·17	0·08	0·79	17·69	6·14
		Jajpur	...	...	...	...	...	...	...	Nil	Nil	0·23	Nil	1·07	3·24	6·13
		Dharmsala	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	5·36	?
		Salipore	...	...	...	...	...	...	...	Nil	Nil	?	0·03	?	8·65	?
	Balasore	*Akhyapada*	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	4·74	?
		Chandbali	...	...	...	...	...	...	...	Nil	Nil	0·21	Nil	1·06	11·29	6·55
		Bhadrak	...	...	...	...	...	...	...	Nil	Nil	0·53	Nil	1·30	6·03	6·02
		Sorah	...	...	...	...	...	...	...	Nil	Nil	0·45	Nil	1·49	4·18	5·36
		Balasore	...	...	...	...	...	...	...	Nil	Nil	0·39	Nil	1·3[illegible]	2·85	6·62
		Jellasore	...	...	...	...	...	...	...	Nil	Nil	0·24	Nil	0·91	0·82	3·92
		Baripodah	...	...	...	...	...	...	...	Nil	Nil	0·64	Nil	1·15	0·92	4·19
SOUTH WEST BENGAL.	Midnapore	Contai	...	...	...	...	...	...	...	Nil	Nil	0·48	Nil	0·94	2·49	7·40
		Saugor Island	...	...	...	...	...	...	...	Nil	Nil	0·68	Nil	1·11	4·44	7·77
		Tamluk	...	...	...	...	...	...	...	Nil	Nil	0·36	Nil	1·10	0·55	5·80
		Midnapore	...	...	...	...	...	...	...	Nil	Nil	0·29	Nil	1·03	0·36	5·28
		Ghatal	...	...	...	...	...	...	...	Nil	Nil	0·57	Nil	1·59	0·12	3·90
		Kukrahaty	...	...	...	...	...	...	...	Nil	Nil	?	0·05	?	0·36	?
		Garhbeta	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·54	?
	24-Parganas	Diamond Harbour	...	...	...	...	...	...	...	Nil	Nil	0·44	0·04	1·05	0·74	6·23
		Canning Town	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	2·34	?
		Alipore Jail	...	...	...	...	...	...	...	Nil	Nil	0·50	Nil	1·25	0·43	6·11
		Barrackpore	...	...	...	...	...	...	...	Nil	Nil	0·56	Nil	1·35	0·49	5·12
		Dum-Dum	...	...	...	...	...	...	...	Nil	Nil	0·46	Nil	1·11	0·62	5·11
		Barasat	...	...	...	...	...	...	...	Nil	Nil	0·57	Nil	1·18	1·03	5·28
		Basirhat	...	...	...	...	...	...	...	Nil	Nil	0·82	Nil	1·70	1·33	5·38
	Howrah	Howrah	...	...	...	...	...	...	...	Nil	Nil	0·39	Nil	1·01	0·30	5·16
		Mohesreka	...	...	...	...	...	...	...	Nil	Nil	0·41	Nil	1·08	0·45	4·46
		Uluberia	...	...	...	...	...	...	...	Nil	Nil		Nil		0·40	?
	Hooghly	Serampore	...	...	...	...	...	...	...	Nil	Nil	0·57	Nil	1·19	0·67	4·55
		Hooghly	...	...	...	...	...	...	...	Nil	Nil	0·41	Nil	1·05	0·38	4·70
		Jahánabad	...	...	...	...	...	...	...	Nil	Nil	0·34	Nil	0·93	0·34	4·28
	Burdwan	Kalna	...	...	...	...	...	...	...	Nil	Nil	0·47	Nil	1·25	0·36	4·52
		Burdwan	...	...	...	...	...	...	...	Nil	Nil	0·60	Nil	1·33	0·43	4·42
		Katwa	...	...	...	...	...	...	...	Nil	Nil	0·62	Nil	1·11	1·13	4·41
		Raniganj	...	...	...	...	...	...	...	Nil	Nil	0·16	Nil	0·47	1·25	3·28
		Mankur	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·14	?
	Bankura	Bankura	...	...	...	...	...	...	...	Nil	Nil	0·13	Nil	1·02	0·93	4·10
		Bishenpore	...	...	...	...	...	...	...	Nil	Nil	0·42	Nil	1·09	0·82	4·05
		Mahara	...	...	...	...	...	...	...	Nil	Nil	0·23	Nil	0·62	1·33	2·83
		Khatra	...	...	...	...	...	...	...	Nil	Nil	0·58	Nil	1·08	0·85	4·23
		Indas	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·57	?
		Kotalpore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·30	?
		Anda	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·41	?
		Gangajalghati	...	...	...	...	...	...	...	Nil	Nil	?	0·06	?	0·73	?
		Raipore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·52	?
		Sonamukhi	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·72	?
	Birbhum	Bh. Suri	...	...	...	...	...	...	...	Nil	Nil	0·20	Nil	0·66	2·26	3·46
		Hetampore	...	...	...	...	...	...	...	Nil	Nil	0·27	Nil	0·43	2·04	2·60
		Rampur Hat	...	...	...	...	...	...	...	Nil	Nil	0·28	Nil	0·71	2·81	3·08
		Bolpore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	2·65	?
		Murari	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·56	?
	Nadia	Ranaghat	...	...	...	...	...	...	...	Nil	Nil	0·58	Nil	1·36	0·74	4·70
		Krishnagar	...	...	...	...	...	...	...	Nil	Nil	0·69	Nil	1·31	1·33	4·06
		Chuadanga	...	...	...	...	...	...	...	Nil	Nil	0·81	Nil	1·65	0·51	5·31
		Meherpore	...	...	...	...	...	...	...	Nil	Nil	0·94	Nil	1·78	0·66	4·99
		Kushtia	...	...	...	...	...	...	0·93	1	0·93	0·59	0·93	1·56	2·17	5·34
	Khulna	Satkhira	...	...	...	...	...	...	...	Nil	Nil	1·11	Nil	1·00	3·25	6·10
		Bágerhat	...	...	...	...	...	...	...	Nil	Nil	0·69	Nil	1·77	2·78	6·08
		Khulna	...	...	...	...	...	...	...	Nil	Nil	0·79	Nil	1·66	4·08	6·23
		Nakipur	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	2·82	?
		Rampal	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·89	?
	Jessore	Narail	...	...	...	...	...	...	...	Nil	Nil	0·56	Nil	1·78	2·30	6·07
		Jessore	...	...	...	...	...	...	...	Nil	Nil	0·93	Nil	2·22	1·46	6·45
		Jhenidah	...	...	...	...	...	...	...	Nil	Nil	0·82	Nil	1·81	0·51	5·71
		Magura	...	...	...	...	...	...	...	Nil	Nil	1·07	Nil	2·34	0·70	5·31
		Bangaon	...	...	...	...	...	...	...	Nil	Nil	0·68	Nil	1·38	0·56	5·19
	Murshidabad	Kandi	...	...	...	...	...	...	...	Nil	Nil	0·50	Nil	0·86	1·75	3·45
		Berhampore	...	...	...	...	...	...	...	Nil	Nil	0·38	Nil	0·95	1·64	3·68
		Lalbagh	...	...	...	...	...	...	...	Nil	Nil	0·47	Nil	0·93	1·49	4·07
		Azimgunge	...	...	...	...	...	...	...	Nil	Nil	0·40	Nil	0·89	2·56	3·15
		Jangipur	...	...	...	...	...	...	...	Nil	Nil	0·24	Nil	0·59	2·33	2·63
		Lalgola	...	...	...	...	...	...	...	Nil	Nil	0·38	Nil	0·84	2·20	2·87
		Akariganj	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	2·12	?
		Patkabari	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·40	?
EAST BENGAL	Chittagong	Cox's Bazar	...	...	...	...	...	...	...	Nil	Nil	0·51	Nil	1·50	4·01	9·01
		Chittagong	...	...	...	...	...	...	...	Nil	Nil	0·83	Nil	1·80	2·23	7·61
		Kutubdia	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	3·61	?
		Satkanya	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	3·73	?
	Chittagong Hill Tracts.	Rangamati	...	...	...	...	...	...	...	Nil	Nil	0·99	Nil	2·51	4·58	8·93
		Bundarban	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	3·04	?
	Backergunge	Patuakhali	...	...	...	...	...	...	...	Nil	Nil	0·85	Nil	1·60	0·95	7·47
		Pirojpur	...	...	...	...	...	...	...	Nil	Nil	0·44	0·20	1·27	1·89	6·71
		Barisal	...	...	...	...	...	...	...	Nil	Nil	0·82	0·35	2·22	2·82	7·78
		Bhola	...	...	...	...	...	...	...	Nil	Nil	0·90	0·75	2·12	1·28	7·18

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 26th of March 1892—contd.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 20th March.	Monday, 21st March.	Tuesday, 22nd March.	Wednesday, 23rd March.	Thursday, 24th March.	Friday, 25th March.	Saturday, 26th March.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
EAST BENGAL—concld.		Gournaddi	...	...	...	...	...	...	...	Nil	Nil	?	0·23	?	4·23	?
		Bauphal	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·74	?
	Noakhali	Noakhali	...	...	...	...	...	...	...	Nil	Nil	1·10	0·03	2·71	3·06	9·08
		Fenny	...	...	...	...	...	...	...	Nil	Nil	1·56	0·10	3·03	3·67	11·24
		Harishpore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·62	?
		Ramganj	...	...	...	...	...	...	...	Nil	Nil	?	0·81	?	2·51	?
	Faridpur	Madaripur	...	...	...	...	...	...	...	Nil	Nil	0·76	Nil	2·32	4·61	6·00
		Faridpur	...	...	...	...	...	...	...	Nil	Nil	0·75	0·77	2·73	3·21	6·39
		Goalundo	...	...	...	...	...	...	...	Nil	Nil	0·72	0·35	2·14	1·69	5·65
	Dacca	Munshiganj	...	...	...	...	...	...	...	Nil	Nil	1·07	0·07	3·81	4·71	8·51
		Dacca	...	...	...	...	...	...	...	Nil	Nil	0·96	Nil	2·85	3·06	6·05
		Naraingunge	...	...	...	...	...	...	...	Nil	Nil	1·77	0·04	3·12	4·21	7·85
		Manikganj	...	...	...	...	...	...	...	Nil	Nil	1·69	0·10	1·91	2·05	5·18
		Joydeupore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	3·23	?
	Hill Tippera Tippera	Agartola	...	...	...	...	...	...	...	Nil	Nil	1·14	0·11	4·26	8·34	9·23
		Comilla	...	...	...	...	...	...	...	Nil	Nil	1·16	Nil	3·41	6·49	7·70
		Chandpore	...	...	...	...	...	...	...	Nil	Nil	1·07	0·56	3·01	7·16	6·47
		Brahmanbaria	...	...	...	...	...	...	...	Nil	Nil	1·13	0·70	4·28	5·71	8·88
		Ramchunderpore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	4·28	?
		Nasirnagar	...	...	...	...	...	...	...	Nil	Nil	?	0·25	?	3·70	?
		Daudkandi	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	3·17	?
		Kasba	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	7·44	?
		Laksham	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	3·45	?
	Mymensingh	Kishoregunge	...	...	...	...	...	...	...	Nil	Nil	1·00	Nil	2·81	1·97	6·18
		Atia (Tangail)	...	...	...	...	...	...	...	Nil	Nil	0·40	Nil	1·14	1·45	4·67
		Mymensingh	...	...	...	...	...	...	...	Nil	Nil	0·73	Nil	2·02	4·10	5·49
		Jamalpur	...	...	...	...	...	...	...	Nil	Nil	0·49	Nil	1·15	3·20	4·80
		Netrokona	...	...	...	...	...	...	...	Nil	Nil	1·32	0·58	2·27	4·02	5·64
		Subornakhali	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·28	?
		Durgapore	...	...	...	...	...	...	...	Nil	Nil	?	3·40	?	?	?
		Sherepore Town	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	2·68	?
		Dewangunj	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	2·12	?
NORTH BENGAL.	Pabna	Pabna	...	...	...	...	...	...	0·03	Nil	0·03	0·54	0·03	1·56	1·35	4·78
		Sirajganj	...	...	...	...	...	...	...	Nil	Nil	0·47	Nil	1·00	1·25	4·56
	Bogra	Sherepore	...	...	...	...	...	...	0·01	Nil	0·01	0·51	0·01	1·23	2·98	4·35
		Nowkhilla	...	...	...	...	...	...	0·15	1	0·15	0·59	0·15	0·96	5·11	3·85
		Bogra	...	...	...	...	...	...	2·46	1	2·46	0·31	2·46	0·69	6·37	3·56
		Panchbibi	...	...	...	...	...	...	...	Nil	Nil	0·40	0·14	0·82	1·04	2·37
	Rajshahi	Boalia	...	...	...	...	...	...	...	Nil	Nil	0·32	Nil	0·77	0·94	3·05
		Nator	...	...	...	...	...	...	...	Nil	Nil	0·43	Nil	0·86	2·35	3·70
		Naogaon	...	...	...	...	...	...	...	Nil	Nil	0·41	Nil	0·93	2·30	3·07
		Lalpore	...	...	...	...	...	...	0·42	1	0·42	?	0·42	?	1·89	?
		Manda	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·54	?
	Malda	Malda	...	...	...	...	...	...	...	Nil	Nil	0·21	Nil	0·68	0·96	3·20
		Chanchal	...	...	...	...	...	...	...	Nil	Nil	0·17	Nil	0·40	0·20	2·39
		Gajol	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·65	?
		Sibganj	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·57	?
	Dinajpur	Mohadebpore	...	...	...	...	...	...	...	Nil	Nil	0·49	Nil	0·69	1·18	2·23
		Churamon	...	...	...	...	...	...	...	Nil	Nil	0·24	Nil	0·41	0·32	1·88
		Raigunge	...	...	...	...	...	...	...	Nil	Nil	0·25	Nil	0·56	0·30	2·05
		Dinajpur	...	...	...	...	...	...	...	Nil	Nil	0·20	0·03	0·83	0·34	3·82
		Baloorghat	...	...	...	...	...	...	...	Nil	Nil	0·31	Nil	0·51	0·54	1·97
		Thakoorgaon	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·18	?
	Rungpur	Bhawanigunge (Gyadanga)	...	...	...	...	...	...	...	Nil	Nil	0·47	Nil	1·33	0·84	3·62
		Rungpur	...	...	...	...	...	...	...	Nil	Nil	0·28	Nil	1·25	0·37	3·83
		Kurigram	...	...	...	...	...	...	...	Nil	Nil	0·83	Nil	1·90	0·51	3·67
		Bagdogra (Nilphamari)	...	...	...	...	...	...	...	Nil	Nil	0·36	Nil	1·12	0·40	2·88
		Ulipore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·87	?
	Jalpaiguri	Jalpaiguri	...	...	...	...	...	...	...	Nil	Nil	0·54	Nil	1·65	0·60	4·88
		Alipore Dooars	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·84	?
		Fallacotta	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·26	?
		Debiganj	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·31	?
		Bhagatpore (Nagrakatta)	...	...	...	...	...	0·35	...	1	0·35	?	0·35	?	4·01	?
	Kuch Bihar	Dinhatta	...	...	...	...	...	...	...	Nil	Nil	0·67	Nil	1·67	0·21	3·88
		Kuch Bihar	...	...	...	...	...	...	...	Nil	Nil	0·86	Nil	1·93	0·40	3·87
		Mekligunge	...	...	...	...	...	...	...	Nil	Nil	0·76	Nil	1·43	0·46	3·57
		Mathabhanga	...	...	...	...	...	...	...	Nil	Nil	1·09	0·02	2·29	0·59	4·15
	Darjeeling Hill.	Buxa	...	...	...	...	...	...	0·46	1	0·16	1·27	0·46	3·13	7·27	8·93
		Silliguri	...	...	...	...	...	...	...	Nil	Nil	0·69	Nil	1·41	0·77	3·24
		Darjeeling	...	...	...	...	...	0·47	...	1	0·47	0·81	0·47	1·81	3·27	6·95
		Kalimpong	...	...	...	...	...	0·11	0·02	1	0·13	0·65	0·13	1·75	2·48	4·54
		Kurseong	...	...	...	...	...	0·10	...	1	0·10	?	0·10	?	3·32	?
NORTH BIHAR	Purnea	Kishanganj	...	...	...	...	...	...	...	Nil	Nil	0·26	Nil	0·65	0·31	2·85
		Araria	...	...	...	...	...	...	...	Nil	Nil	0·18	Nil	0·61	0·13	2·55
		Purnea	...	...	...	...	...	...	...	Nil	Nil	0·09	Nil	0·40	0·08	2·93
		Gondwara (Korah)	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Barsoe	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·20	?
		Forbesganj	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
	North Bhágalpur.	Kaliaganj	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·04	?
		Madhipura	...	...	...	...	...	...	...	Nil	Nil	0·10	Nil	0·35	0·31	2·35
		Supaul	...	...	...	...	...	...	...	Nil	Nil	0·11	Nil	0·39	0·23	2·14
		Pratabganj	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·33	?
	Darbhanga	Tajpur	...	...	...	...	...	...	...	Nil	Nil	0·04	Nil	0·22	0·47	2·07
		Darbhanga	...	...	...	...	...	...	...	Nil	Nil	0·03	Nil	0·23	0·94	2·22
		Madhubani	...	...	...	...	...	...	...	Nil	Nil	0·04	Nil	0·40	0·81	2·44
		Bahera	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·20	?
		Rosera	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·40	?
	Muzaffarpur	Sitamarhi	...	...	...	...	...	...	...	Nil	Nil	0·11	Nil	0·46	0·23	2·10
		Muzaffarpur	...	...	...	...	...	...	...	Nil	Nil	0·09	Nil	0·41	0·82	3·05
		Hajipur	...	...	...	...	...	...	...	Nil	Nil	0·15	Nil	0·31	1·83	2·27
		Paru	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·70	?
		Mahua	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·75	?
		Sitahar	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Pupri	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·40	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 26th of March 1892—concld.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL—						
			Sunday, 20th March.	Monday, 21st March.	Tuesday, 22nd March.	Wednesday, 23rd March.	Thursday, 24th March.	Friday, 25th March.	Saturday, 26th March.	Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th Oct. 1891.	Average rainfall from 16th Oct. to date.
NORTH BIHÁR—concluded.	Champaran ...	Motihari ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·38	0·11	1·88
		Bettiah ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·38	0·15	1·94
		Bagaha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·10	?
		Burhurwa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·04	?
	Saran ...	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·12	0·22	1·88
		Siwán ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·21	1·03	2·63
		Chapra ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·26	1·11	2·52
SOUTH BIHÁR	Shahabad ...	Buxar ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·26	1·45	2·75
		Dehri ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·43	0·51	3·00
		Bhabhua ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·51	2·81	3·52
		Sasarám ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·22	0·73	2·73
		Arrah ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·30	1·44	2·55
		Mohaniah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·36	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Ageaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Rammagor ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Koath ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Sikroul ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Bassowan ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
		Monaharpur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?
	Gaya ..	Aurangabad ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·33	1·58	2·21
		Gaya ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·32	1·52	2·60
		Nawádah ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·38	0·54	2·65
		Jahánabad ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·33	0·11	2·42
		Arwal ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·40	?
		Daudnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·24	?
		Sherghati ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·78	?
		Rajauli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·10	?
		PakriBarawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·33	?
	Patna ...	Patna ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·32	1·50	2·53
		Dinapore ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·16	0·88	2·81
		Bihár ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·30	0·36	2·87
		Barh ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·33	0·38	2·52
		Bickram ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·95	?
		Hilsa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·67	?
	Monghyr ...	Begusarai ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·22	0·76	2·78
		Monghyr ..	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·27	0·17	2·06
		Jamui ..	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·42	0·50	2·60
		Gogri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·23	?
	South Bhágalpur.	Bhágalpur ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·29	0·30	2·33
		Banka ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·31	0·99	2·83
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bangaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·41	?
	Sonthal Parganas.	Rajmahal ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·25	0·70	1·84
		Godda ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·35	0·88	2·21
		Pakour ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·54	2·08	2·14
		Naya Dumka	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·66	1·51	3·18
		Deoghur ..	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·54	1·19	3·52
		Jamtara ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·60	1·43	2·71
		Mohagama ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?		?
		Naminat ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·71	?
CHOTA NAGPUR.	Hazáribágh ...	Pachamba (*Giridi*). ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·57	1·45	2·90
		Hazáribágh ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·61	2·17	3·30
		Semtagurah ..	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·91	1·50	3·09
		Mahudi Hills	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·67		3·15
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	2·23	1·20	4·74
		Barhi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·41	?
		Chatra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·60	?
		Karagdeha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·81	?
		Ramghar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?		?
	Lohardaga ...	Lohardaga ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	1·05	2·13	4·23
		Ranchi ...	......	......	......	......	......	......	......	Nil	Nil	0·11	0·23	0·92	2·04	4·29
		Palámau ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·82	0·83	3·36
		Silli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?		?
		Balumat ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·18	?
		Hosseinabad	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·66	?
		Garwah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·49	?
	Singbhum ...	Chaibassa ...	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	1·05	1·72	4·53
		Chakradharpore.	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?		?
		Ghatsilla ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·88	?
		Baharagura	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·63	?
	Manbhum ...	Purulia ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·91	1·63	3·71
		Gobindpur ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·47	1·20	3·06
		Raghunathpore.	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·56	?
		Barrabhum	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·72	?
		Jhalda ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·47	?
		Mans ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·97	?
		Pandra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	?	?

Explanation.— .....indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the* 29*th March* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 26TH OF MARCH 1892.

WEATHER during the previous week had been of ordinary hot weather character in all districts, and beyond the slight oscillatory changes of pressure, temperature, humidity, &c., which take place during fine settled weather, there had been no meteorological changes in that period of any importance. These hot weather conditions have also continued almost unchanged during the present week, and except in some of the districts of North Bengal, where rain accompanying local storms was reported on the last two days of the week, the weather has again been fine and settled with high temperature and generally rather low humidity over almost the whole province and for almost the whole week. The changes also of meteorological conditions which have taken place from day to day during the week have been generally small and have therefore been of little practical importance.

On the 20th pressure was generally falling moderately, while temperature was rising slowly. Pressure was below the normal by amounts ranging up to about a sixth of an inch in North Bengal, and the mean temperature was usually above the normal by about 6° or 7°. Winds also were south-westerly and westerly over the whole province. The changes on the 21st were unimportant except that humidity was generally becoming slightly lower, but on the 22nd pressure had risen by about a twentieth of an inch, though the other changes were small. On the 23rd again pressure rose slowly, but on the 24th it had again commenced to fall, and was generally more than a tenth of an inch below the normal. Temperature had also risen moderately at the majority of stations on this day, but as it had fallen slightly on the previous days, the mean temperature was still about 5° or 6° above the normal. On the 25th pressure again fell moderately, and a very slight low-pressure area formed over the east of Bihár and part of West Bengal, where the barometer was about a sixth of an inch below the normal. The wind directions on this day commenced to change, and showed a tendency to circulate round the low-pressure area in the centre of the province, and winds became southerly and south-easterly at the southern stations, and easterly in the north of the province. On the 26th, however, pressure again rose slowly except at the southern stations and the low-prssure area almost disappeared. Winds, however, became still more strongly easterly, and they were on this day easterly and south-easterly at almost all stations. With these easterly winds humidity generally increased decidedly, and became rather high, while temperature remained excessive, and the mean temperature was generally about 5° to 6° above the normal. Conditions on the last two days of the week, therefore, were somewhat disturbed, and though at the majority of stations the weather remained fine, yet a few local storms with rain occurred in the Darjeeling, Jalpaiguri, Pabna, Bogra, Rajshahi, and Nadia districts, and which rainfalls were reported on the morning of the 26th.

Pressure—Has been below the normal almost throughout the week, and the mean pressure for the period has been below the normal by more than a tenth of an inch. The defect has indeed generally been 0·11" to 0·13" except in parts of North and East Bengal, where at some stations it has been less than a tenth of an inch, and, on the other hand, the defects have been generally largest in Bihár.

Temperature—Has again been very largely in excess of the normal throughout the week, and the mean temperature of the province has been no less than 4·7° in excess of the normal, while in Bihár and Chota Nagpur the excess has been from five and-a-half to six degrees.

The distribution of temperature over the province and its variation from the normal for the week are most clearly seen in the table below, where the average maximum, minimum and mean temperatures for the period at nine typical stations in different districts are compared with their normal values. The variation from the normal has been very large both in the day and night temperatures, but the excess has been decidedly larger in the maximum than in the minimum temperatures :—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 26th March 1892.

	Normal mean maximum temperature for the week ending 26th March.	Actual mean maximum temperature for the week ending 26th March 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 26th March.	Actual mean minimum temperature for the week ending 26th March 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 26th March.	Actual mean daily temperature for the week ending 26th March 1892.	Variation of actual mean from the normal.
Cuttack	97·5	104·0	+6·5	74·1	75·8	+1·7	83·8	87·9	+4·1
Calcutta	91·9	99·2	+7·3	71·6	74·2	+2·6	81·7	86·7	+5·0
Dacca	91·9	97·1	+5·2	70·7	73·8	+3·1	81·3	85·5	+4·2
Burdwan	95·8	103·9	+8·1	70·4	73·8	+3·4	83·1	88·9	+5·8
Patna	94·0	99·3	+5·3	66·0	68·6	+2·6	80·0	84·0	+4·0
Gaya	96·6	102·9	+6·3	68·7	73·7	+5·0	82·7	88·4	+5·7
Purnea	92·0	100·3	+7·4	62·8	68·0	+5·2	77·0	84·2	+6·3
Hazáribágh	91·4	98·1	+6·7	66·5	72·2	+5·7	79·0	85·2	+6·2
Darjeeling	58·4	58·9	+0·5	45·4	48·9	+3·5	51·9	54·0	+2·1

Rainfall—Has only occurred at a few stations on the 25th and 26th. The principal falls were, Bogra 2·46 inches, Kushtia 0·93 inch, Darjeeling 0·47 inch, Buxa 0·46 inch, Lalpur 0·42 inch, Bhágatpur 0·35 inch, Nowkhilla 0·15 inch, and falls of a tenth of an inch at Kalimpong and Kurseong.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 26th of March 1892:—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th Oct. 1891.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	105·4	70·9	92·3	75·7	84·0	+2·3	Nil	0·30	—0·30	0·00	0·45	—0·45	0·02	1·00	6·03	6·42
South-West Bengal ...	107·1	66·7	101·1	73·8	87·4	+4·8	0·02	0·52	—0·50	0·02	0·66	—0·64	0·02	1·20	1·34	4·71
East Bengal	100·0	68·1	93·6	72·3	83·0	+3·5	Nil	0·92	—0·92	0·00	1·19	—1·19	0·19	2·46	3·38	7·17
North Bengal	103·2	58·9	97·4	69·2	83·3	+4·8	0·11	0·47	—0·36	0·08	0·66	—0·58	0·12	1·10	1·15	3·41
North Bihár	102·8	56·8	100·5	67·1	83 8	+5·6	Nil	0·09	—0·09	0·00	0·19	—0·19	Nil	0·36	0·53	2·35
South Bihár	105·4	66·5	101·9	70·8	86·5	+5·5	Nil	0·08	—0·08	0 00	0·17	—0·17	Nil	0·36	0·99	2·65
Chota Nagpur	100·0*	66·4*	97·7*	70·7*	84·2*	+5·6*	Nil	0·09	—0·09	0·00	0·22	—0·22	0·02	0 91	1·61	3·07

* Chaibassa not included.

Meteorological Office, Bengal,
The 29th March 1892.

A. Pedler,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 20th to 26th March 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32 Fahr.	Temperature.						Hygrometry.			Rainfall past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
March ...	20th ...	29·783	87 0	101·0	28·0	73·0	89·1	78·0	·810	72·9	59	Nil.
,, ...	21st .	·773	87·4	102·0	29·2	72·8	88·6	76·5	·751	70·6	56	,,
,, ...	22nd .	·811	88·8	103·2	28·9	74·3	86·6	79·5	·914	76·5	72	,,
,, ...	23rd .	·833	87 8	101·8	28·0	73·8	87·6	78·5	·854	74·2	66	,,
,, ...	24th ..	·758	87·3	100 8	27·0	73·8	90·6	78·5	·813	73·0	56	,,
,, ...	25th ..	·740	86·6	98·4	23·6	74·8	89·6	79·5	·873	75·1	63	,,
,, ...	26th ...	·757	85 3	95·0	19·4	75·6	88·6	79·5	·886	75·6	66	,,

	Inches.
The mean 10 A.M. pressure of the seven days	29·784
The mean temperature of the seven days	87°·2
The extreme variation of temperature	30·4
The maximum temperature	103·2
	%
The mean 10 A.M. relative humidity of the seven days	63
The total fall of rain from 20th to 26th March 1892	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

C. Little,
For Meteorological Reporter to the Govt. of India.

Meteorological Office, India,
The 28th March 1892.

STATEMENT SHOWING THE RESULTS OF THE REGISTRATION OF BIRTHS AND DEATHS IN THE PRINCIPAL MUNICIPALITIES IN BENGAL DURING THE WEEK ENDING WITH SATURDAY, THE 5TH MARCH 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 5th March 1892.

1	2	3			4			5			6	7							8							9	10		11		12
		POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.				Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
Districts.	Names of Municipalities.	Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male-births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan	Burdwan	18,063	16,017	34,080	10	11	*21*	15·2	16·8	*32·0*	91	2	4	42	10	...	7	*65*	3·0	6·1	64·1	15·3	...	10·7	*99·2*	73·2	32	33	92·1	107·1	86
Burdwan	Raniganj	6,246	4,691	10,937	1	5	*6*	4·7	23·8	*28·5*	20	12	1	4	4	...	2	*23*	57·1	4·7	19·0	19·0	...	9·5	*109·4*	185·4	18	5	140·9	55·4	270
Bankura	Bankura	8,970	8,925	17,895	4	6	*10*	11·6	17·4	*29·1*	66	2	...	6	2	...	4	*14*	5·8	...	17·4	5·8	...	11·6	*40·7*	49·4	10	4	58·0	23·3	249
Birbhum	Suri	3,982	3,866	7,848	3	2	*5*	19·9	13·2	*33·1*	150	1		5		...	1	*7*	6·6		33·1	...	...	6·6	*46·4*	66·3	4	3	52·2	40·4	202
Midnapore	Midnapore	16,927	16,633	33,560	5	6	*11*	7·7	9·3	*17·0*	83	1	.	22	2	1	3	*29*	1·5	..	34·1	3·1	1·5	4·6	*44·9*	52·7	15	14	46·1	43·8	105
Hooghly, including Serampore	Hooghly and Chinsura	15,858	15,829	31,687	5	6	*11*	8·2	9·8	*18·0*	53	1	...	20	1	..	5	*27*	1·6	..	32·8	1·6	...	8·2	*44·3*	68·9	12	15	39·3	49·3	79
Hooghly, including Serampore	Serampore	13,559	12,937	26,496	7	5	*12*	13·7	9·8	*23·6*	140	.		11	5	4	6	*26*	...		21·6	9·8	7·8	11·8	*51·0*	43·2	18	8	69·0	32·2	214
Hooghly, including Serampore	Utterpara	3,046	2,464	5,510	2	...	*2*	18·9	.	*18·9*	No female birth.	2	..	1	2	...	..	*5*	18·9	...	9·4	18·9	...	...	*47·2*	37·7	3	2	51·2	42·2	121
Howrah	Howrah	53,153	37,660	90,813	31	19	*50*	17·7	10·9	*28·6*	163	21	...	23	7	...	7	*58*	12·0	.	13·2	4·0	...	4·0	*33·2*	31·4	40	18	39·1	24·9	157
Howrah	Bally	7,836	6,979	14,815	4	5	*9*	14·0	17·5	*31·6*	80	..	..	5	1	...	2	*8*	..	...	17·5	3·5	.	7·0	*28·1*	42·1	4	4	26·5	29·8	89
24-Parganas	Cossipore-Chitpur*	...	.	...		..	.	...	..	...	..			...	..	..	...	..	..	.	..	...	...	...	...	...	...	...	...	...	...
24-Parganas	Manicktolla*	.	..	..	...	...		...	...	..	...		..	...		..	...	...	..	..	...	...	...	...	...	..	...	...	...	...	...
24-Parganas	Baranagore*	...	..	.	.	.	..		..		...		...	.	..	..	...	..	.	...	.	...	...	...	.	...	...	...	...	...	...
24-Parganas	South Suburban*	.	..	..	...	.		..	..		.	...	...	...		..		...	..		...	...	...	..	...	..	...	...	...	..	...
Nadia	Krishnagar	13,263	14,214	27,477	10	12	*22*	18·9	22·7	*41·6*	83	1	...	20	...	...	...	*21*	1·9		37·8	...	...	...	*39·7*	41·6	13	8	51·0	29·3	174
Nadia	Ranaghat	4,028	4,655	8,683	1	4	*5*	6·0	23·9	*29·9*	25	1	..	5	...	1	3	*10*	6·0	...	29·9	...	6·0	18·0	*59·9*	59·9	5	5	64·5	55·9	115
Nadia	Santipur	13,708	15,979	29,687	17	12	*29*	29·8	21·0	*50·8*	141	1	..	27	...	..	...	*28*	1·7	...	47·3	...	...	..	*49·0*	45·5	13	15	49·3	48·8	101
Jessore	Jessore	4,830	3,665	8,495	2	..	*2*	12·2	...	*12·2*	No female birth.	..	...	12	1	...	1	*14*	...	...	73·5	6·1	...	6·1	*85·7*	61·2	7	7	76·4	99·3	75
Murshidabad	Berhampore	11,657	11,948	23,605	9	9	*18*	19·8	19·8	*39·7*	100	...	...	9	1	...	4	*14*	...	...	19·8	2·2	...	8·8	*30·8*	50·7	8	6	35·7	26·1	137
Murshidabad	City Murshidabad	18,001	20,330	38,231	5	8	*13*	6·6	10·6	*17·2*	62	1	...	32	..	..	...	*33*	1·3	...	42·4	...	...	...	*43·7*	35·8	12	21	33·0	53·7	61
Khulna	Khulna	3,249	3,043	6,292	4	1	*5*	33·0	8·2	*41·3*	100	2	..	1	..	...	...	*3*	16·5	...	8·2	...	...	..	*24·8*	24·8	2	1	32·0	17·1	197
Dinajpur	Dinajpur	7,254	5,306	12,560	3	5	*8*	12·4	20·7	*33·1*	60	...		9	1		..	*10*	...	.	37·3	4·1	..	...	*41·4*	37·3	7		50·2	29·4	170

Rajshahi ...	Rampur Boalia ...	10,766	9,025	19,791	6	3	*9*	15·7	7·9	*23·6*	200	1	...	22	...	1	3	*27*	2·6	...	57·8	...	2·6	7·9	*70·9*	102·5	11	16	53·1	92·2	57
Rangpur ...	Rangpur	8,011	5,309	13,320	5	4	*9*	19·5	15·6	*35·1*	125	...	...	5	...	1	...	*6*	...	...	19·5	...	3·9	...	*23·4*	11·7	3	3	19·5	29·4	66
Bogra ...	Bogra	3,480	2,699	6,179	1	1	*2*	8·4	8·4	*16·8*	100	...	...	2	...	...	...	*2*	...	...	16·8	...	...	...	*16·8*	25·2	2	...	29·9	...	No female death.
Pabna ...	Pabna	7,701	7,566	15,267	8	6	*14*	27·2	20·4	*47·7*	133	3	...	17	...	...	1	*21*	10·2	...	57·9	...	...	3·4	*71·5*	40·9	12	9	81·0	61·9	130
	Sirajganj	11,213	9,824	21,037	4	4	*8*	9·9	9·9	*19·8*	100	...	...	8	...	...	1	*9*	...	...	19·8	...	...	2·4	*22·2*	12·4	6	3	27·8	15·9	175
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	1	...	*1*	7·4	...	*7·4*	No female birth.	...	...	1	2	...	...	*3*	...	...	7·4	14·8	...	...	*22·2*	14·8	2	1	22·7	21·3	106
Jalpaiguri ...	Jalpaiguri ...	4,972	2,975	7,947	5	...	*5*	32·7	...	*32·7*	Ditto	...	...	6	...	...	...	*6*	...	...	39·3	...	...	...	*39·3*	26·2	3	3	31·4	52·4	60
Dacca ...	Dacca	42,782	37,379	80,161	33	26	*59*	21·4	16·9	*38·3*	127	1	27	33	2	...	5	*68*	·6	17·5	21·4	1·3	...	3·2	*44·1*	59·0	33	35	21·4	22·7	94
	Narainganj ...	7,605	4,956	12,561	5	2	*7*	20·7	8·3	*29·0*	259	...	...	2	...	...	1	*3*	...	...	8·3	...	...	4·1	*12·4*	12·4	...	3	...	12·4	No male death.
Faridpur ...	Faridpur ...	5,663	4,600	10,263	4	6	*10*	20·3	30·4	*50·7*	66	...	...	9	...	...	...	*9*	...	..	45·6	...	...	...	*45·6*	30·4	1	8	9·2	90·4	10
Backergunge ...	Barisal	8,701	4,485	13,186	6	10	*16*	23·7	39·4	*63·1*	60	2	...	6	2	...	3	*13*	7·9	...	23·7	7·9	...	11·8	*51·3*	71·0	6	7	35·9	81·2	44
Mymensingh ...	Nasirabad ...	10,443	4,413	14,856	1	2	*3*	3·5	7·0	*10·5*	50	...	...	2	1	...	...	*3*	...	...	7·0	3·5	...	...	*10·5*	10·5	1	2	5·0	23·6	21
Chittagong ...	Chittagong ...	13,340	8,790	22,130	10	8	*18*	23·5	18·8	*42·3*	125	12	1	11	...	...	3	*27*	28·2	2·3	25·8	...	...	7·0	*63·4*	70·5	19	8	112·4	47·3	237
Noakhali ...	Sudharam ...	3,410	1,714	5,124	2	1	*3*	20·2	10·1	*30·4*	200	...	...	4	...	...	...	*4*	...	..	40·6	...	...	...	*40·6*	...	2	2	30·5	60·7	50
Tippera ...	Comilla	8,153	5,353	13,506	7	2	*9*	27·0	7·7	*34·7*	350	7	..	10	...	...	6	*23*	27·0	..	38·5	...	...	23·1	*88·6*	53·9	16	7	102·0	68·0	150
Patna ...	Patna City ...	78,762	81,475	160,237	32	28	*60*	10·4	9·1	*19·5*	114	...	...	31	6	3	23	*63*	...	...	10·1	1·9	1·0	7·4	*20·4*	24·0	30	33	19·8	21·1	93
	Bihár	23,799	25,172	48,971	12	16	*28*	12·7	17·0	*29·7*	75	5	5	20	...	...	12	*42*	5·3	5·3	21·2	...	...	12·7	*44·6*	36·1	16	26	35·0	53·7	65
	Dinapore	25,424	26,801	52,225	5	8	*13*	5·0	7·9	*12·9*	62	...	...	5	2	...	8	*15*	...	...	5·0	2·0	...	7·9	*14·9*	11·9	8	7	16·4	13·6	120
Gaya ...	Gaya	38,290	37,831	76,121	17	12	*29*	11·6	8·2	*19·8*	141	4	...	24	8	2	5	*43*	2·7	...	16·4	5·5	1·4	3·4	*29·4*	30·1	21	22	28·5	30·2	94
Shahabad ...	Arrah	20,960	22,505	43,465	16	18	*34*	19·1	21·5	*40·7*	88	...	...	17	1	...	5	*23*	...	..	20·3	1·2	...	6·0	*27·5*	29·9	15	8	37·2	18·5	201
	Buxar	9,299	8,369	17,668	3	3	*6*	8·8	8·8	*17·7*	100	...	...	9	1	...	...	*10*	...	...	26·5	2·9	...	...	*29·4*	58·9	6	4	33·6	24·9	135
Muzaffarpur ...	Muzaffarpur ...	23,084	19,658	42,742	20	8	*28*	24·3	9·7	*34·1*	250	1	...	30	3	...	11	*45*	1·2	...	36·5	3·6	...	13·4	*54·7*	41·4	21	24	47·3	63·5	74
Darbhanga ...	Darbhanga ...	33,774	32,322	66,096	21	25	*46*	16·5	19·7	*36·2*	84	...	...	12	4	...	9	*25*	...	...	9·4	3·1	...	7·1	*19·7*	28·3	14	11	21·6	17·7	122
Saran ...	Chapra	25,116	26,554	51,670	18	15	*33*	15·1	18·1	*33·2*	63	...	...	5	1	1	17	*24*	...	...	5·0	1·0	1·0	17·1	*24·2*	24·2	12	12	24·8	23·5	105
Champaran ...	Motihari	6,328	3,979	10,307	1	2	*3*	5·0	10·1	*15·1*	50	...	...	5	...	...	...	*5*	...	...	25·2	...	...	...	*25·2*	40·4	3	2	24·7	26·1	94
Monghyr ...	Monghyr	28,154	29,366	57,520	19	17	*36*	17·2	15·3	*32·5*	111	...	...	20	3	...	15	*38*	...	...	18·1	2·7	...	13·6	*34·4*	30·7	22	16	40·6	28·3	143
	Jamálpur ...	7,456	6,107	13,563	5	2	*7*	19·1	7·8	*26·8*	250	...	...	7	1	...	...	*8*	...	...	26·8	3·8	...	...	*30·7*	19·1	5	3	34·9	25·5	137
Bhágalpur ...	Bhagalpur ...	34,916	33,322	68,238	11	17	*28*	8·4	12·9	*21·3*	64	...	...	33	5	...	2	*40*	...	...	25·1	3·8	...	1·5	*30·5*	34·3	25	15	37·2	23·4	159
Purnea ...	Purnea	8,463	6,553	15,016	...	...	...	...	...	...	......	...	...	3	...	...	1	*4*	...	...	10·4	...	...	3·5	*13·9*	27·7	1	3	6·1	23·8	25
Malda ...	English Bazar ...	6,289	6,141	12,430	2	2	*4*	8·3	8·3	*16·7*	100	...	...	9	2	...	...	*11*	...	...	37·7	8·3	...	...	*46·0*	62·8	10	1	82·7	8·5	973
Sonthal Parganas.	Deoghur	4,964	3,041	8,005	3	4	*7*	19·5	26·0	*45·5*	75	19	...	3	1	1	1	*25*	123·4	...	19·5	6·5	6·5	6·5	*162·4*	155·9	16	9	167·6	153·9	108
Cuttack ...	Cuttack	22,632	20,607	43,239	9	7	*16*	10·8	8·4	*19·2*	128	2	4	6	3	...	7	*22*	2·4	4·8	7·2	3·6	...	8·4	*26·5*	33·7	15	7	34·5	17·7	194
Puri ...	Puri	13,247	11,537	24,784	5	2	*7*	10·5	4·2	*14·7*	250	2	...	6	5	...	9	*22*	4·2	...	12·6	10·5	...	18·9	*46·2*	62·9	9	13	35·3	58·6	60
Balasore ...	Balasore ...	10,282	9,983	20,265	9	11	*20*	23·1	28·2	*51·3*	81	1	...	8	...	...	9	*18*	2·6	...	20·5	...	...	23·1	*46·2*	30·8	9	9	45·5	46·9	97
Hazáribágh ...	Hazáribágh ...	7,639	7,667	15,306	5	8	*13*	17·0	27·2	*44·2*	62	...	...	5	...	...	2	*7*	...	...	17·0	...	...	6·8	*23·8*	30·6	...	7	...	47·5	No male death.
Lohardaga ...	Ranchi	10,101	8,342	18,443	5	7	*12*	14·1	19·7	*33·8*	71	...	...	2	...	2	...	*4*	...	...	5·6	...	5·6	...	*11·3*	25·2	1	3	5·1	18·7	27
Singbhum ...	Chaibassa ...	3,120	2,880	6,006	...	1	*1*	...	8·6	*8·6*	No male birth.	...	...	...	...	...	1	*1*	...	...	...	...	...	8·6	*8·6*	26·0	...	1	...	18·1	No male death.
Manbhum ...	Purulia	5,060	4,244	9,304	2	1	*3*	11·1	5·6	*16·8*	200	1	...	1	...	...	5	*7*	5·6	...	5·6	...	...	27·9	*39·1*	44·7	5	2	51·4	24·5	209
	Total ...	797,090	724,323	1,521,413	438	408	*846*	15·0	13·9	*28·9*	107	109	42	633	90	17	210	*1,121*	3·7	1·4	22·3	3·1	·6	7·2	*38·3*	40·8	604	517	39·4	37·1	106

* Return not received up to date.

Districts.	Names of Municipalities.	13					14					15										16									
		Mortality according to—																													
		Class.										Age.																			
		Deaths among—					Ratio per 1,000 of population per annum.					Deaths.										Ratio per 1,000 of population per annum.									
		Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	42	23	...	...	...	92·2	116·5	...	...	7	5	2	2	2	9	5	15	9	9	551·5	115·2	44·6	41·3	33·3	59·1	37·7	176·6	190·6	315·8
	Raniganj	...	19	4	...	...	...	110·7	113·0	...	...	2	1	1	...	...	3	9	5	2	...	442·6	52·8	45·9	...	...	64·4	217·8	207·8	172·2	...
Bankura ...	Bankura	...	13	1	...	...	...	39·8	60·5	...	...	4	...	...	1	...	4	2	...	2	1	439·7	...	...	23·7	...	63·3	39·4	...	94·0	52·4
Birbhum ...	Suri	...	6	1	...	...	...	53·4	26·1	...	...	1	...	...	...	1	2	1	...	1	1	298·9	...	...	...	67·4	73·7	42·6	...	89·2	108·8
Midnapore ...	Midnapore ...	...	20	9	...	...	...	40·1	64·8	...	...	5	3	2	...	1	2	2	7	4	3	349·9	66·3	27·7	...	16·5	14·2	13·8	97·7	100·8	85·2
Hooghly, including Serampore.	Hooghly and Chinsura.	...	25	2	...	...	...	51·4	16·9	...	...	6	..	4	1	2	2	1	1	4	6	388·5	...	72·1	21·0	41·4	16·8	9·1	12·5	80·0	150·5
	Serampore	...	22	4	...	...	...	45·3	221·7	...	...	3	4	1	1	1	6	4	3	2	1	219·7	115·2	20·7	23·4	23·8	57·9	41·8	46·2	54·3	37·4
	Utterpara	...	5	...	...	...	...	48·8	...	...	...	...	...	1	...	...	...	2	1	...	1	...	...	111·6	...	...	...	98·0	74·2	...	200·0
Howrah ...	Howrah	...	38	20	...	...	...	29·0	50·7	...	...	9	6	4	2	2	15	8	5	2	5	226·9	56·3	33·1	15·8	14·2	34·4	21·6	22·1	18·9	69·3
	Bally	...	8	...	...	...	...	31·0	...	...	...	1	...	...	1	2	2	...	...	2	...	143·6	...	...	43·8	77·9	31·1	...	...	99·2	...
24-Parganas	Cossipore-Chitpur*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Manicktola* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Baranagore* ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South Suburban*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nadia ...	Krishnagar ...	...	15	6	...	...	...	41·9	37·7	...	...	...	2	1	...	1	3	1	1	8	4	...	42·2	15·1	...	25·3	32·4	12·1	15·9	197·4	120·4
	Ranaghat	...	9	1	...	...	...	64·0	38·1	...	...	3	1	...	...	1	...	1	1	3	...	753·6	65·4	...	...	83·5	...	41·7	51·8	216·5	...
	Santipur ...	...	20	8	...	...	...	50·2	46·5	...	...	2	...	3	1	1	3	4	3	2	9	123·1	...	41·3	17·9	23·4	31·8	47·9	44·4	45·2	238·3
Jessore ...	Jessore	...	8	6	...	...	...	92·2	81·6	...	...	1	...	...	...	1	5	3	1	3	...	268·0	...	...	...	71·0	129·1	102·0	49·5	277·1	...
Murshidabad.	Berhampore ...	...	10	4	...	...	...	28·6	40·1	...	...	4	1	1	1	...	2	1	...	2	2	551·7	32·6	24·6	27·3	...	23·3	11·7	...	55·3	65·1
	City Murshidabad	...	17	16	...	...	...	38·9	52·6	...	...	3	3	...	2	1	4	1	6	3	10	204·5	63·4	...	36·2	20·1	28·4	7·2	53·3	43·9	168·0
Khulna ...	Khulna	...	2	1	...	...	...	32·6	17·1	...	...	...	...	1	1	...	...	...	...	...	1	...	...	65·4	71·9	...	...	...	...	...	165·1
Dinajpur ...	Dinajpur	...	5	5	...	...	...	42·9	40·6	...	...	...	1	...	1	1	2	1	1	2	1	...	60·2	...	52·0	51·2	38·6	21·0	33·2	125·3	81·4
Rajshahi ...	Rampur Boalia ...	...	12	15	...	...	...	63·0	79·5	...	...	4	...	2	...	5	4	4	3	3	2	512·3	...	50·0	...	156·5	50·0	57·7	63·6	125·7	108·0
Rangpur ...	Rangpur	...	4	2	...	...	...	32·1	15·6	...	...	...	1	1	...	3	...	...	...	...	1	...	58·1	41·3	...	145·1	...	...	...	...	161·0
Bogra ...	Bogra	...	1	1	...	...	...	19·5	15·0	...	...	1	...	...	...	1	...	...	...	...	...	379·6	...	...	...	96·1	...	...	...	...	...

District	Station																														
Pabna ...	Pabna ...	...	9	12	...	...	...	65·6	77·0	...	...		2	4	1	...	4	1	2	3	3	131·0	71·3	133·1	37·7	...	71·6	20·8	61·0	164·3	156·3
	Sirajganj ...	...	4	5	...	...	...	24·3	21·2	...	...	4	...	...	...	...	...	1	2	1	1	[illegible]	...	...	...	...	...	16·4	46·5	41·6	44·6
Darjeeling ...	Darjeeling ...	...	2	...	1	...	...	22·6	...	31·5	...	...	...	...	..	...	3	...	...	...	...	...	...	...	...	...	78·0	...	...	...	...
Jalpaiguri ...	Jalpaiguri ...	...	4	2	...	...	...	49·0	28·5	...	...	...	1	...	...	2	1	2	...	...	...	...	70·6	...	...	164·0	28·7	69·0	...	...	...
Dacca ...	Dacca ...	...	31	37	...	...	...	40·0	48·9	...	...	23	12	4	2	4	5	7	2	1	8	630·1	84·6	21·0	13·1	28·5	17·0	31·2	12·4	11·0	74·6
	Naraingganj ...	...	3	...	...	...	...	25·3	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	39·4	...	99·5	...	...	...	...	...
Faridpur ...	Faridpur ...	...	5	4	...	...	...	48·6	42·8	...	...	...	...	1	...	...	1	2	3	...	2	...	...	51·9	...	...	28·0	71·2	133·5	...	140·4
Backergunge ...	Barisal ...	...	3	10	...	...	...	25·8	76·2	...	...	2	2	...	...	...	4	1	1	2	1	530·6	122·2	...	...	...	65·7	20·8	34·2	116·6	91·7
Mymensingh ...	Nasirabad ...	...	1	2	...	...	..	6·5	14·7	...	...	...	...	...	...	...	1	1	...	...	1	...	...	...	...	...	14·3	17·8	...	...	86·1
Chittagong ...	Chittagong ...	7	5	14	1	...	457·3	44·8	47·6	216·7	...	2	6	1	1	1	2	4	3	6	1	184·7	158·6	20·8	20·2	21·5	22·5	62·4	69·1	287·6	65·3
Noakhali ...	Sudharam ...	...	3	1	...	...	...	60·9	20·6	...	...	1	1	...	...	...	...	...	...	...	2	666·7	146·1	...	...	...	...	...	...	...	525·3
Tippera ...	Comilla ...	...	9	14	...	...	...	78·7	98·5	...	...	2	2	4	3	1	4	4	2	1	...	350·2	79·5	127·8	106·9	41·3	75·3	104·3	79·1	64·9	...
Patna ...	Patna City ...	...	48	15	...	...	...	21·0	19·1	...	...	13	4	4	2	3	4	3	5	1	19	217·2	14·3	12·4	7·2	14·0	7·2	6·7	13·8	8·7	71·5
	Bihár ...	...	32	10	...	...	...	49·4	34·0	...	...	10	8	4	2	...	3	1	6	2	6	350·2	71·8	34·4	21·7	...	18·4	7·4	60·6	28·7	86·8
	Dinapore ...	...	11	4	...	...	...	14·8	17·8	...	...	9	1	...	...	...	...	2	...	...	3	334·8	9·4	...	...	...	...	13·7	...	...	38·0
Gaya ...	Gaya ...	...	37	6	...	...	..	32·1	19·4	...	...	14	3	...	1	1	7	5	1	3	8	406·7	21·6	...	7·7	9·9	24·7	20·4	5·3	23·7	80·8
Shahabad ...	Arrah ...	...	16	7	...	...	...	26·8	29·3	...	...	5	1	1	3	1	4	2	2	1	3	201·9	11·7	10·1	35·3	16·5	26·5	16·2	22·2	16·8	54·1
	Buxar ...	...	8	2	...	...	...	29·9	28·9	...	...	...	...	...	...	...	...	3	1	...	6	...	...	...	...	...	...	51·3	24·5	...	288·4
Muzaffarpur ...	Muzaffarpur ...	...	33	12	...	...	...	57·1	50·0	...	...	8	6	5	3	...	8	5	2	7	6	435·6	77·2	57·8	39·4	...	18·2	37·3	20·8	112·1	128·2
Darbhanga ...	Darbhanga ...	...	19	6	...	...	...	20·4	17·8	...	...	8	4	...	1	1	4	1	1	1	4	267·2	27·3	...	9·4	12·9	15·6	4·7	7·0	11·9	65·1
Saran ...	Chapra ...	...	16	6	...	...	...	23·7	26·2	...	...	7	3	...	...	...	...	2	1	3	8	258·0	31·2	...	...	...	...	11·7	8·6	37·7	116·0
Champaran ...	Motihari ...	...	5	...	...	...	...	[illegible]	...	...	...	1	1	...	...	..	1	...	...	...	2	379·6	53·0	...	...	...	25·8	...	...	...	171·3
Monghyr ...	Monghyr ...	...	32	6	...	...	...	37·2	[illegible]	...	...	13	5	2	...	...	2	3	2	3	8	455·2	41·8	14·7	...	...	10·1	17·5	16·3	39·2	116·0
	Jamálpur ...	...	5	3	...	...	...	16·5	50·3	...	...	2	...	1	...	1	1	...	...	...	3	293·0	...	30·1	...	64·5	15·5	...	...	...	233·9
Bhágalpur ...	Bhágalpur ...	1	37	2	...	...	134·7	39·3	5·5	...	...	9	8	2	3	1	...	4	3	4	6	326·1	64·1	14·7	21·5	10·5	...	19·0	[illegible]	41·0	72·5
Purnea ...	Purnea ...	...	3	1	...	...	...	17·0	9·2	...	...	...	...	1	...	1	1	...	...	...	1	...	...	32·9	...	52·3	15·8	...	...	...	64·4
Malda ...	English Bazar ...	...	6	5	...	...	...	42·9	50·5	...	...	1	3	...	...	1	2	1	2	1	...	176·3	163·9	...	...	48·9	45·3	24·2	70·7	69·5	...
Sonthal Parganas	Deoghur ...	...	25	...	...	...	...	165·7	...	...	...	...	2	1	1	4	3	5	3	6	...	...	181·9	73·7	82·4	321·0	82·7	162·0	166·5	625·3	...
Cuttack ...	Cuttack ...	...	17	5	...	...	...	26·3	33·7	...	...	5	5	...	...	1	2	...	2	1	6	253·4	69·6	...	...	12·9	11·9	...	22·9	16·9	105·8
Puri ...	Puri ...	...	22	...	...	...	...	46·8	...	...	...	2	4	1	...	...	1	3	3	3	5	343·2	115·7	23·2	...	...	9·8	38·5	46·9	69·9	144·0
Balasore ...	Balasore ...	...	15	3	...	...	...	46·3	50·8	...	...	5	1	...	...	...	3	2	1	1	5	491·5	27·9	...	...	...	38·2	35·5	23·4	40·6	224·5
Hazáribágh ...	Hazáribágh ...	...	7	...	...	..	...	33·1	...	...	...	2	1	...	...	...	...	1	2	1	...	213·6	28·6	...	...	...	...	24·4	63·9	49·0	...
Lohardaga ...	Ranchi ...	...	1	1	...	2	...	5·6	9·6	...	44·1	1	...	...	...	...	1	1	1	...	...	110·6	...	...	...	...	13·6	16·9	28·6	...	...
Singbhum ...	Chaibassa ...	1	...	...	...	...	481·5	...	...	...	...	1	...	...	...	...	...	...	...	...	...	321·0	...	...	...	...	...	...	...	...	...
Manbhum ...	Purulia ...	2	5	...	...	...	409·4	33·4	...	...	...	...	...	...	...	1	1	3	1	1	...	...	...	...	...	63·7	26·1	92·0	58·9	111·1	...
	TOTAL ...	11	752	324	2	2	43·5	38·3	38·3	51·1	24·1	212	114	61	37	52	136	120	107	107	175	307·7	43·9	19·6	13·2	23·2	23·4	24·	31·3	51·2	98·3

* Return not received up to date.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 29th March 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.*,

Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT, BENGAL.

SOUTH-WESTERN CIRCLE.

Statements showing quantities of Goods carried on Canals in Bengal, classed as Minor Works and Navigation, for the quarter ending 31st December 1891.

CALCUTTA AND EASTERN CANALS.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
2	1. Cotton, raw and manufactured ...		......	4	4	2,075	4	2,075
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans		......	......	......	......	......	......
2,165	4. Rice or wheat		25	33,946	33,971	37,47,537	33,971	37,47,537
99	5. Other food-grains		......	1,193	1,193	71,712	1,193	71,712
45	6. Hides and skins		......	77	77	19,298	77	19,298
...	7. Liquors		......	......	......	......	......	......
21	8. Metal		71	65	136	46,295	136	46,295
467	9. Oils		6,713	175	6,888	9,64,300	6,888	9,64,300
158	10. Oilseeds		3	2,436	2,439	2,66,317	2,439	2,66,317
3,252	11. Provisions		29	3,699	3,728	3,76,597	3,728	3,76,597
1,127	12. Salt		20,041	1,803	21,844	20,87,270	21,844	20,87,270
190	13. Spices		......	2,440	2,440	5,82,500	2,440	5,82,500
6	14. Sugar		22	24	46	12,150	46	12,150
12	15. Tobacco		12	31	43	8,470	43	8,470
471	16. Building materials		346	14,445	14,791	2,27,384	14,791	2,27,384
2,024	17. Miscellaneous goods		1,197	10,003	11,200	11,57,718	11,200	11,57,718
...	18. Timbers		......	......	......	......	......	......
1,157	19. Firewood		11	28,332	28,343	2,01,023	28,343	2,01,023
...	20. Bamboos		......	......	......	......	......	......
534	21. Coal or coke		9,448	5,971	15,419	1,11,333	15,419	1,11,333
2,836	22. Jute		85	44,130	44,215	68,68,085	44,215	68,68,085
...	23. Treasure		......	......	......	......	......	......
14,566	Total boat traffic ...	Tons	38,003	148,774	186,777	1,67,50,064	186,777	1,67,50,064
1	24. Timber in logs ...	C. ft.	1,470	......	1,470	3,675	1,470	3,675
...	25. Squared timber		......	......	......	......	......	......
...	26. Sleepers, broad gauge		......	......	......	......	......	......
...	27. " metre "		......	......	......	......	......	......
...	28. Scantlings		......	......	......	......	......	......
...	29. Poles		......	......	......	......	......	......
...	30. Firewood		......	......	......	......	......	......
6	31. Bamboos	C. ft.	......	675	675	84	675	84
...	32. Reeds		......	......	......	......	......	......
7	Total raft traffic ...	C. ft.	1,470	675	2,145	3,759	2,145	3,759
Boats, 14,566	GRAND TOTAL ...	Tons	38,003	148,774	186,777	1,67,53,823	186,777	1,67,53,823
Rafts, 7		C. ft.	1,470	675	2,145		2,145	

TOLLY'S NULLAH.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
5	1. Cotton, raw and manufactured ...		......	32	32	18,700	32	18,700
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans ...	...	......	......	......	......	......	......
8,981	4. Rice or wheat ...	...	8	22,936	22,944	21,72,468	22,944	21,72,468
1	5. Other food-grains ...	...	......	9	9	625	9	625
...	6. Hides and skins ...	...	......	......	......	......	......	......
...	7. Liquors	...	......	......	......	......	......	......
1	8. Metal	...	......	4	4	2,000	4	2,000
163	9. Oils	...	47	1,564	1,611	2,25,475	1,611	2,25,475
99	10. Oilseeds	...	......	1,718	1,718	1,76,280	1,718	1,76,280
735	11. Provisions	...	11	364	375	45,096	375	45,096
228	12. Salt	...	1,172	1,928	3,100	2,96,689	3,100	2,96,689
136	13. Spices	...	......	1,740	1,740	4,06,500	1,740	4,06,500
3	14. Sugar	...	......	13	13	3,350	13	3,350
28	15. Tobacco	...	11	240	251	49,350	251	49,350
1,068	16. Building materials ...	...	26	10,158	10,184	42,092	10,184	42,092
1,934	17. Miscellaneous goods ...	...	92	5,463	5,555	4,98,213	5,555	4,98,213
...	18. Timbers	...	......	......	......	......	......	......
448	19. Firewood	...	......	4,445	4,445	31,492	4,445	31,492
...	20. Bamboos	...	......	......	......	......	......	......
116	21. Coal or coke	...	29	2,115	2,144	15,690	2,144	15,690
244	22. Jute	...	......	606	606	87,800	606	87,800
...	23. Treasure	...	......	......	......	......	......	......
14,190	Total boat traffic ...	Tons	1,396	53,335	54,731	40,71,820	54,731	40,71,820
5	24. Timber in logs	C. ft.	1,720	8,491	10,211	22,062	10,211	22,062
...	25. Squared timber ...	...	......	......	......	......	......	......
...	26. Sleepers, broad gauge ...	...	......	......	......	......	......	......
...	27. " metre " ...	...	......	......	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
5	31. Bamboos	C. ft.	......	450	450	56	450	56
...	32. Reeds	...	......	......	......	......	......	......
10	Total raft traffic ...	C. ft.	1,720	8,941	10,661	22,118	10,661	22,118
Boats, 14,190	Grand Total ...	Tons	1,396	53,335	54,731	40,93,938	54,731	40,93,938
Rafts, 10		C. ft.	1,720	8,941	10,661		10,661	

ORISSA COAST CANAL.

Length of Canal open, 97½ miles.

Number of boats and rafts.	Description.	Total Government and Private. Quantity—Tons. Up.	Down.	Total.	Value. Rupees.	Private. Quantity. Tons.	Value. Rupees.
17	1. Cotton, raw and manufactured ...	59	......	59	57,500	59	57,500
...	2. Woollen goods, raw and manufactured	......	......	......	......	......	......
1	3. Dyes and tans	2	......	2	70	2	70
421	4. Rice or wheat	63	2,885	2,948	1,23,274	2,948	1,23,274
7	5. Other food-grains	26	......	26	3,275	26	3,275
...	6. Hides and skins	......	......	......	......	......	......
...	7. Liquors	......	......	......	......	......	......
1	8. Metal	2	......	2	500	2	500
42	9. Oils	422	3	425	45,555	425	45,555
4	10. Oilseeds	......	5	5	325	5	325
20	11. Provisions	10	22	32	2,328	32	2,328
41	12. Salt	354	......	354	38,325	354	38,325
...	13. Spices	......	......	......	......	......	......
39	14. Sugar	61	......	61	9,600	61	9,600
46	15. Tobacco	172	......	172	31,350	172	31,350
53	16. Building materials	89	45	134	1,259	134	1,259
1,873	17. Miscellaneous goods	241	275	516	28,937	516	28,937
4	18. Timbers	......	18	18	1,360	18	1,360
29	19. Firewood	107	24	131	617	131	617
1	20. Bamboos	1	......	1	2	1	2
10	21. Coal or coke	91	18	109	1,275	109	1,275
229	22. Jute	16	536	552	40,990	552	40,990
...	23. Treasure	......	......	......	......	......	......
2,838	Total boat traffic Tons	1,716	3,831	5,547	3,86,542	5,547	3,86,542
57	24. Timber in logs ... C. ft.	161	12,649	12,810	12,272	12,810	12,272
...	25. Squared timber	......	......	......	......	......	......
...	26. Sleepers, broad gauge	......	......	......	......	......	......
...	27. " metre	......	......	......	......	......	......
...	28. Scantlings	......	......	......	......	......	......
...	29. Poles	......	......	......	......	......	......
...	30. Firewood	......	......	......	......	......	......
36	31. Bamboos ... ... C. ft.	300	2,950	3,250	272	3,250	272
...	32. Reeds	......	......	......	......	......	......
93	Total raft traffic ... C. ft.	461	15,599	16,060	12,544	16,060	12,544
Boats, 2,838	Grand Total ... Tons	1,716	3,831	5,547	3,99,086	5,547	3,99,086
Rafts, 93	Grand Total ... C. ft.	461	15,599	16,060		16,060	

NADIA RIVERS.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
2	1. Cotton, raw and manufactured ...		......	......	......	57	......	57
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
5	3. Dyes and tans ...	...	......	68	68	1,428	68	1,428
582	4. Rice or wheat ...	...	1,452	3,626	5,078	4,17,390	5,078	4,17,390
1,439	5. Other food-grains ...	...	1,258	16,414	17,672	10,39,490	17,672	10,39,490
...	6. Hides and skins ...	...	......	......	......	......	......	......
2	7. Liquors	...	1	......	1	550	1	550
62	8. Metal	...	267	48	315	1,17,096	315	1,17,096
223	9. Oils	...	1,488	8	1,496	2,20,560	1,496	2,20,560
311	10. Oilseeds	...	121	4,935	5,056	5,53,041	5,056	5,53,041
103	11. Provisions	...	27	714	741	75,962	741	75,962
817	12. Salt	...	5,544	......	5,544	4,77,018	5,544	4,77,018
31	13. Spices	...	2	203	205	29,408	205	29,408
34	14. Sugar	...	13	160	173	30,775	173	30,775
113	15. Tobacco	...	16	891	907	1,58,765	907	1,58,765
99	16. Building materials ...	...	451	259	710	6,617	710	6,617
2,019	17. Miscellaneous goods ...	...	8,917	13,374	22,291	39,71,189	22,291	39,71,189
2	18. Timbers	...	6	3	9	666	9	666
42	19. Firewood	...	12	322	334	1,712	334	1,712
...	20. Bamboos	...	......	......	......	......	......	......
243	21. Coal or coke	...	1,667	120	1,787	24,700	1,787	24,700
1,555	22. Jute	...	......	17,672	17,672	18,60,773	17,672	18,60,773
...	23. Treasure	...	......	......	......	......	......	......
7,684	Total boat traffic	Tons	21,242	58,817	80,059	89,87,187	80,059	89,87,187
11	24. Timber in logs ...	C. ft.	110	8,615	8,725	9,843	8,725	9,843
35	25. Squared timber ...	"	1,897	6,690	8,587	11,401	8,587	11,401
...	26. Sleepers, broad gauge ...	...	......	......	......	......	......	......
...	27. " metre " ...	...	......	......	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
47	31. Bamboos	C. ft.	138	47,631	47,769	4,284	47,769	4,284
1	32. Reeds	...	......	16	16	15	16	15
94	Total raft traffic ...	C. ft.	2,145	62,952	65,097	25,543	65,097	25,543
Boats, 7,684	Grand Total ...	Tons	21,242	58,817	80,059	90,12,730	80,059	90,12,730
Rafts, 94		C. ft.	2,145	62,952	65,097		65,097	

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Abstract statement showing Tollage on Canals in Bengal, classed as Minor Works and Navigation, for the quarter ending 31*st December* 1891, *as compared with that of the corresponding quarter of the previous year.*

CANALS.	TOLLAGE, 1891-92.		TOLLAGE, 1890-91.	
	During the quarter.	To end of the quarter.	During the quarter.	To end of the quarter.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta and Eastern Canals ...	1,13,333 9 6	2,55,001 1 6	1,22,659 10 3	2,42,591 13 6
Tolly's Nullah	29,208 3 6	79,123 9 9	30,431 11 3	78,574 9 3
Total ...	1,42,541 13 0	3,34,124 11 3	1,53,091 5 6	3,21,166 6 9
Orissa Coast Canal	12,019 5 3	36,668 9 9	11,932 10 3	45,479 2 6
Nadia Rivers	47,801 4 0	1,67,259 6 6	48,859 3 3	1,66,847 0 3
GRAND TOTAL ...	2,02,362 6 3	5,38,052 11 6	2,13,883 3 0	5,33,492 9 6

CALCUTTA,
The 29*th March* 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT, BENGAL.

Statements showing quantities of goods carried on Canals in Bengal, classed as Major Works, for the quarter ending 31st December 1891.

ORISSA CIRCLE.

TALDANDA CANAL SYSTEM.

LENGTH OF CANAL OPEN { TALDANDA CANAL, 51½ MILES. MACHGONG „ 4 „

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
...	1. Cotton, raw and manufactured	...	......	......	......	......	......	......
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans ...	...	......	......	......	......	......	......
30	4. Rice or wheat ...	...	55	73	128	14,879	128	14,879
17	5. Other food-grains ...	...	16	80	96	3,400	96	3,400
...	6. Hides and skins ...	..	......	......	......	......	......	......
...	7. Liquors	...	......	......	......	......	......	......
...	8. Metals	...	......	......	......	......	......	......
1	9. Oils	...	......	14	14	600	14	600
3	10. Oilseeds	...	......	20	20	2,620	20	2,620
...	11. Provisions	...	......	......	......	......	......	......
7	12. Salt	...	......	39	39	4,125	39	4,125
3	13. Spices	...	......	11	11	1,700	11	1,700
6	14. Sugar	...	......	24	24	3,800	24	3,800
...	15. Tobacco	...	......	......	......	......	......	......
...	16. Building materials ...	...	......	......	......	......	......	......
21	17. Miscellaneous goods ...	...	¾	879¾	880½	952	880½	952
6	18. Timbers	..	......	12	12	187	12	187
...	19. Firewood	...	......	......	......	......	......	......
...	20. Bamboos	..	......	......	......	......	......	......
...	21. Coal or coke	...	......	......	......	......	......	......
...	22. Jute	...	......	......	......	......	......	......
2	23. Treasure	...	......	2	2	6,000	2	6,000
96	Total boat traffic ...	Tons	71¾	1,154¾	1,226½	38,263	1,226½	38,263
4	24. Timber in logs ...	C. ft.	......	1,365	1,365	590	1,365	590
...	25. Squared timber ...	...	......	......	......	......	......	......
...	26. Sleepers, broad gauge ...	...	......	......	......	......	......	......
...	27. „ metre „ ...	...	......	......	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
11	31. Bamboos	C. ft.	......	12,199	12,199	756	12,199	756
...	32. Reeds	...	......	......	......	......	......	......
16	Total raft traffic ...	C. ft.	......	13,564	13,564	1,346	13,564	1,346
Boats 96 Rafts 16	GRAND TOTAL ...	Tons C. ft.	71¾	1,154¾ 13,564	1,226½ 13,564	39,609	1,226½ 13,564	39,609

KENDRAPARA CANAL SYSTEM.

Length of Canal open, 75 miles.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up	Down.	Total.	Rupees.	Tons.	Rupees.
24	1. Cotton, raw and manufactured ...		640	4	644	2,33,000	244	2,33,000
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans		......	......	......	......	......	......
464	4. Rice or wheat		735	10,013	10,748	9,23,080	10,748	9,23,080
40	5. Other food-grains		138	191	329	28,260	329	26,260
6	6. Hides and skins		1	160	161	38,410	161	38,410
...	7. Liquors		......	......	......	......	......	......
1	8. Metals		9	......	9	2,500	9	2,500
33	9. Oils		737	......	737	88,070	737	88,070
38	10. Oilseeds		......	1,571	1,571	2,72,540	1,571	2,72,540
1	11. Provisions		1	......	1	800	1	800
52	12. Salt		138	118	256	21,980	256	21,980
58	13. Spices		1,510	19	1,529	2,76,450	1,529	2,76,450
52	14. Sugar		18	321	339	61,850	339	61,850
7	15. Tobacco		......	37	37	5,010	37	5,010
39	16. Building materials		260	377	637	15,310	637	15,310
156	17. Miscellaneous goods		307	879	1,186	1,38,410	1,186	1,38,410
53	18. Timbers		4	1,452	1,456	55,340	1,456	55,340
15	19. Firewood		20	35	55	230	55	230
...	20. Bamboos		......	......	......	......	......	......
3	21. Coal or coke		4	3	7	220	7	220
62	22. Jute		......	762	762	70,310	762	70,310
...	23. Treasure		......	......	......	......	......	......
1,094	Total boat traffic ...	Tons	4,522	15,942	20,464	22,31,770	20,464	22,31,770
16	24. Timber in logs ...	C. ft.	......	1,056	1,056	830	1,056	830
...	25. Squared timber ...	...	......	......	......	......	......	......
...	26. Sleepers, broad gauge ...	...	......	......	......	......	......	......
...	27. " metre " ...	...	......	......	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
13	31. Bamboos	C. ft.	......	8,033	8,033	690	8,033	690
...	32. Reeds	...	......	......	......	......	......	......
29	Total raft traffic ...	C. ft.	......	9,089	9,089	1,520	9,089	1,520
Boats 1,094	Grand Total ...	Tons	4,522	15,942	20,464	22,33,290	20,464	22,33,290
Rafts 29		C. ft.	......	9,089	9,089		9,089	

HIGH LEVEL CANAL, RANGE I.

Length of Canal open, 33 *miles*.

Number of boats and rafts.	Description.		Total Government and Private. Quantity—Tons. Up.	Down.	Total.	Value. Rupees.	Private. Quantity. Tons.	Value. Rupees.
15	1. Cotton, raw and manufactured ...		5	28¼	33¼	8,850	33¼	8,850
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans		......	......	......	......	......	......
312	4. Rice or wheat		1,357	......	1,357	78,490	1,357	78,490
68	5. Other food-grains		219	111	330	21,240	330	21,240
3	6. Hides and skins		3	......	3	1,900	3	1,900
...	7. Liquors		......	......	......	......	......	......
7	8. Metals		11	½	11½	4,300	11½	4,300
...	9. Oils		......	......	......	......	......	......
54	10. Oilseeds		410	......	410	35,380	410	35,380
1	11. Provisions		3	......	3	200	3	200
181	12. Salt		......	513	513	50,075	513	50,075
...	13. Spices		......	......	......	......	......	......
23	14. Sugar		10	48	58	5,450	58	5,450
5	15. Tobacco		2	8	10	2,700	10	2,700
36	16. Building materials		82	79	161	710	161	710
113	17. Miscellaneous goods		149	63	212	10,588	212	10,588
3	18. Timbers		4	......	4	146	4	146
28	19. Firewood		256	......	256	727	256	727
...	20. Bamboos		......	......	......	......	......	......
...	21. Coal or coke		......	......	......	......	......	......
...	22. Jute		......	......	......	......	......	......
...	23. Treasure		......	......	......	......	......	......
844	Total boat traffic ...	Tons	2,511	850¾	3,361¾	2,20,756	3,361¾	2,20,756
133	24. Timber in logs ...	C. ft.	15,762	......	15,762	2,240	15,762	2,240
...	25. Squared timber ...	...	......	......	......	......	......	......
...	26. Sleepers, broad gauge ...	...	......	......	......	......	......	......
...	27. " metre " ...	...	......	......	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
18	31. Bamboos	No.	......	21,700	21,700	650	21,700	650
...	32. Reeds	...	......	......	......	......	......	......
151	Total raft traffic ...	C. ft. No.	15,762	 21,700	15,762 21,700	2,890	15,762 21,700	2,890
Boats 844 Rafts 151	Grand Total ...	Tons C. ft. No.	2,511 15,763	850¾ 21,700	3,361¾ 15,762 21,700	2,23,646	3,361¾ 15,762 21,700	2,23,646

HIGH LEVEL CANAL, RANGE II.

Length of Canal open, 12½ *miles.*

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
1	1. Cotton, raw and manufactured ...		5	......	5	600	5	600
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans		......	......	......	......	......	......
102	4. Rice or wheat		282	1½	283½	15,882	283½	15,882
14	5. Other food-grains		21¼	35½	56¾	2,292	56¾	2,292
...	6. Hides and skins		......	......	......	......	......	......
...	7. Liquors		......	......	......	......	......	......
3	8. Metals		4	1	5	500	5	500
...	9. Oils		......	......	......	......	......	......
12	10. Oilseeds		3	15	18	909	18	909
...	11. Provisions		......	......	......	......	......	......
11	12. Salt		......	61	61	6,112	61	6,112
...	13. Spices		......	......	......	......	......	......
12	14. Sugar		¼	21	21¼	1,260	21¼	1,260
...	15. Tobacco		......	......	......	......	......	......
4	16. Building materials		......	42	42	3,200	42	3,200
21	17. Miscellaneous goods		14½	34	48½	3,002	48½	3,002
...	18. Timbers		......	......	......	......	......	......
12	19. Firewood		......	10	10	141	10	141
...	20. Bamboos		......	......	......	......	......	......
...	21. Coal or coke		......	......	......	......	......	......
...	22. Jute		......	......	......	......	......	......
...	23. Treasure		......	......	......	......	......	......
192	Total boat traffic ...	Tons	330	221	551	33,898	551	33,898
25	24. Timber in logs ...	C. ft.	......	15,366	15,366	4,254	15,366	4,254
...	25. Squared timber ...	...	......	......	......	......	......	......
...	26. Sleepers, broad gauge ...	...	......	......	......	......	......	......
...	27. " metre " ...	...	......	......	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
3	31. Bamboos	No.	......	18,000	18,000	350	18,000	350
...	32. Reeds	...	......	......	......	......	......	......
28	Total raft traffic ...	C. ft. No.	....	15,366 18,000	15,366 18,000	4,604	15,366 18,000	4,604
Boats 192 Rafts 28	Grand Total ...	Tons C. ft. No.	330	221 15,366 18,000	551 15,366 18,000	38,502	551 15,366 18,000	38,502

HIGH LEVEL CANAL, RANGE III.

Length of Canal open, 19 *miles.*

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
1	1. Cotton, raw and manufactured ...		......	¼	¼	80	¼	80
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans		......	......	......	......	......	......
48	4. Rice or wheat		112	11	123	7,304	123	7,304
...	5. Other food-grains		......	......	......	......	......	......
...	6. Hides and skins		......	......	......	......	......	......
...	7. Liquors		......	......	......	......	......	......
...	8. Metals		......	......	......	......	......	......
...	9. Oils		......	......	......	......	......	......
2	10. Oilseeds		......	8	8	940	8	940
...	11. Provisions		......	......	......	......	......	......
8	12. Salt		¼	6	6¼	787	6¼	787
...	13. Spices		......	......	......	......	......	......
...	14. Sugar		......	......	......	......	......	......
...	15. Tobacco		......	......	......	......	......	......
3	16. Building materials		......	54	54	1,912	54	1,912
14	17. Miscellaneous goods		1	42	43	6,361	43	6,361
...	18. Timbers		......	......	......	......	......	......
...	19. Firewood		......	......	......	......	......	......
...	20. Bamboos		......	......	......	......	......	......
...	21. Coal or coke		......	......	......	......	......	......
...	22. Jute		......	......	......	......	......	......
...	23. Treasure		......	......	......	......	......	......
76	Total boat traffic ...	Tons	113¼	121¼	234½	17,384	234½	17,384
20	24. Timber in logs ...	C. ft.	......	2,838	2,838	683	2,838	683
...	25. Squared timber		......	......	......	......	......	......
...	26. Sleepers, broad gauge		......	......	......	......	......	......
...	27. ,, metre ,, ...		......	......	......	......	......	......
...	28. Scantlings		......	......	......	......	......	......
...	29. Poles		......	......	......	......	......	......
...	30. Firewood		......	......	......	......	......	......
...	31. Bamboos		......	......	......	......	......	......
...	32. Reeds		......	......	......	......	......	......
20	Total raft traffic ...	C. ft.	......	2,838	2,838	683	2,838	683
Boats 76	Grand Total ...	Tons	113¼	121¼	234½	18,067	234½	18,067
Rafts 20		C. ft.	......	2,838	2,838		2,838	

JAJPUR CANAL.

Length of Canal open, 6½ miles.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
1	1. Cotton, raw and manufactured ...		¼	......	¼	28	¼	28
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans		......	......	......	......	......	......
60	4. Rice or wheat		......	31	31	1,351	31	1,351
...	5. Other food-grains		......	......	......	......	......	......
...	6. Hides and skins		......	......	......	......	......	......
...	7. Liquors		......	......	......	......	......	......
...	8. Metals		......	......	......	......	......	......
...	9. Oils		......	......	......	......	......	......
2	10. Oilseeds		......	9	9	650	9	650
...	11. Provisions		......	......	......	......	......	......
6	12. Salt		6½	......	6½	698	6½	698
...	13. Spices		......	......	......	......	......	......
...	14. Sugar		......	......	......	......	......	......
...	15. Tobacco		......	......	......	......	......	......
...	16. Building materials		......	......	......	......	......	......
21	17. Miscellaneous goods		4	11	15	2,179	15	2,179
...	18. Timber		......	......	......	......	......	......
6	19. Firewood		......	8	8	35	8	35
...	20. Bamboos		......	......	......	......	......	......
...	21. Coal or coke		......	......	......	......	......	......
...	22. Jute		......	......	......	......	......	......
...	23. Treasure		......	......	......	......	......	......
96	Total boat traffic ...	Tons	10¾	59	69¾	4,941	69¾	4,941
47	24. Timber in logs ...	C. ft.	......	6,402	6,402	1,545	6,402	1,545
...	25. Squared timber ...	...	......	......	......	......	......	......
...	26. Sleepers, broad gauge ...	...	......	......	......	......	......	......
...	27. " metre " ...	...	......	......	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
...	31. Bamboos	...	......	......	......	......	......	......
...	32. Reeds	..	......	......	......	......	......	......
47	Total raft traffic ...	C. ft.	......	6,402	6,402	1,545	6,402	1,545
Boats 96	Grand Total ...	Tons	10¾	59	69¾	6,486	69¾	6,486
Rafts 47		C. ft.	......	6,402	6,402		6,402	

SOUTH-WESTERN CIRCLE.

MIDNAPORE CANAL.

Length of Canal open, 53 *miles*.

Number of boats and rafts.	Description.		Total Government and Private. Quantity—Tons. Up.	Down.	Total.	Value. Rupees.	Private. Quantity. Tons.	Value. Rupees.
46	1. Cotton, raw and manufactured ...		242	16	258	4,31,444	258	4,31,444
1	2. Woollen goods, raw and manufactured.		31	......	31	70,000	31	70,000
5	3. Dyes and tans ...	...	......	46	46	93,415	46	93,415
847	4. Rice or wheat ...	...	104	6,444	6,548	4,10,853	6,548	4,10,853
1,462	5. Other food-grains ...	...	656	5,137	5,793	2,29,126	5,793	2,29,126
7	6. Hides and skins ...	..	......	62	62	23,680	62	23,680
1	7. Liquors	...	3	......	3	5,430	3	5,430
10	8. Metals	...	48	7	55	24,040	55	24,040
103	9. Oils	...	496	1	497	56,688	497	56,688
50	10. Oilseeds	...	207	838	1,045	94,910	1,045	94,910
61	11. Provisions	...	117	77	194	27,558	194	27,558
218	12. Salt	...	1,899	... ..	1,899	1,70,095	1,899	1,70,095
4	13. Spices	...	92	......	92	20,108	92	20,108
39	14. Sugar	...	110	135	245	33,332	245	33,332
18	15. Tobacco	...	71	3	74	19,641	74	19,641
59	16. Building materials ...	...	47	280	327	6,690	327	6,690
639	17. Miscellaneous goods ...	...	670	652	1,322	1,92,513	1,322	1,92,513
...	18. Timbers	...	......	......	......	......	......	......
14	19. Firewood	...	14	14	28	284	28	284
...	20. Bamboos	...	......	......	......	......	......	......
46	21. Coal or coke ...	...	557	......	557	4,096	557	4,096
231	22. Jute	...	2	1,016	1,018	1,19,085	1,018	1,19,085
...	23. Treasure	...	......	......	......	......	......	......
3,861	Total boat traffic ...	Tons.	5,366	14,728	20,094	20,32,988	20,094	20,32,988
107	24. Timber in logs ...	C. ft.	1,144	19,511	20,655	25,843	20,655	25,843
...	25. Squared timber ...	...	......	......	......	......	......	......
...	26. Sleepers, broad gauge ...	...	......	......	......	......	......	......
...	27. " metre " ...	...	......	... ..	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
117	29. Poles	...	......	47,361	47,361	43,767	47,361	43,767
...	30. Firewood	...	......	......	......	......	......	......
43	31. Bamboos	C. ft.	290	16,413	16,703	1,550	16,703	1,550
...	32. Reeds	...	......	......	......	......	......	......
267	Total raft traffic ...	C. ft.	1,434	83,285	84,719	71,160	84,719	71,160
Boats 3,861	Grand Total ...	Tons.	5,366	14,728	20,094	21,04,148	20,094	21,04,148
Rafts 267		C. ft.	1,434	83,285	84,719		84,719	

HIDGELLEE TIDAL CANAL.

Length of Canal open, 29 miles.

Number of boats and rafts.	Description.	Total Government and Private.				Private.	
		Quantity—Tons.			Value.	Quantity.	Value.
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.
15	1. Cotton, raw and manufactured ...	43	......	43	29,200	43	29,200
...	2. Woollen goods, raw and manufactured	......	......	......	......	......	......
...	3. Dyes and tans	......	......	......	......	......	......
2,030	4. Rice or wheat	21	10,885	10,906	6,61,702	10,906	6,61,702
...	5. Other food-grains	......	......	......	......	......	......
1	6. Hides and skins	......	2	2	4,000	2	4,000
...	7. Liquors	......	......	......	......	......	......
2	8. Metals	......	7	7	1,300	7	1,300
43	9. Oils	82	......	82	13,372	82	13,372
...	10. Oilseeds	......	......	......	......	......	......
25	11. Provisions	23	5	28	1,015	28	1,015
82	12. Salt	704	......	704	76,520	704	76,520
2	13. Spices	2	......	2	900	2	900
9	14. Sugar	43	3	46	5,797	46	5,797
256	15. Tobacco	955	......	955	1,76,288	955	1,76,288
43	16. Building materials	284	40	324	2,951	324	2,951
2,600	17. Miscellaneous goods	93	1,546	1,639	42,899	1,639	42,899
5	18. Timbers	19	5	24	830	24	830
12	19. Firewood	1	53	54	174	54	174
2	20. Bamboos	2	7	9	125	9	125
16	21. Coal or coke	170	1	171	1,372	171	1,372
469	22. Jute	......	1,338	1,338	1,32,950	1,338	1,32,950
...	23. Treasure	......	......	......	......	......	......
5,612	Total boat traffic Tons	2,442	13,892	16,334	11,51,395	16,334	11,51,395
49	24. Timber in logs ... C. ft.	4,370	2,653	7,023	6,681	7,023	6,681
...	25. Squared timber	......	......	......	......	......	......
...	26. Sleepers, broad gauge	......	......	......	......	......	......
...	27. ,, metre ,, ...	......	......	......	......	......	......
...	28. Scantlings	......	......	......	......	......	......
...	29. Poles	......	......	......	......	......	......
...	30. Firewood	......	......	......	......	......	......
13	31. Bamboos ... ... C. ft.	6,550	350	6,900	1,026	6,900	1,026
...	32. Reeds	......	......	......	......	......	......
62	Total raft traffic ... C. ft.	10,920	3,003	13,923	7,707	13,923	7,705
Boats 5,612	Grand Total ... Tons.	2,442	13,892	16,334	11,59,102	16,334	11,59,102
Rafts 62	C. ft.	10,920	3,003	13,923		13,923	

SONE CIRCLE.

PATNA CANAL SYSTEM.

Length of Canal open, 86½ miles.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
...	1. Cotton, raw and manufactured ...		82	1	83	1,11,530	83	1,11,530
2	2. Woollen goods, raw and manufactured		......	50	50	46,060	50	46,060
...	3. Dyes and tans		......	......	......	......	......	......
...	4. Rice or wheat		......	......	......	......	......	......
72	5. Other food-grains		54	705	759	48,405	759	48,405
3	6. Hides and skins		......	29	29	16,897	29	16,897
...	7. Liquors		......	......	......	......	......	......
4	8. Metals		44	......	44	5,395	44	5,395
1	9. Oils		3	......	3	995	3	995
24	10. Oilseeds		13	286	299	32,488	299	32,488
...	11. Provisions		......	......	......	......	......	......
9	12. Salt		138	73	211	20,134	211	20,134
...	13. Spices		5	......	5	1,850	5	1,850
...	14. Sugar		......	......	......	......	......	......
5	15. Tobacco		23	......	23	2,950	23	2,950
13	16. Building materials		20	65	85	2,640	65	2,410
139	17. Miscellaneous goods		437	448	885	1,32,721	885	1,32,721
3	18. Timbers		20	6	26	590	26	590
...	19. Firewood		......	......	......	......	......	......
...	20. Bamboos		......	......	......	......	......	......
14	21. Coal or coke		80	92	172	2,170	172	2,170
...	22. Jute		......	......	......	......	......	......
...	23. Treasure		......	2	2	27,000	2	27,000
289	Total boat traffic ...	Tons	919	1,757	2,676	4,51,825	2,656	4,51,595
...	24. Timber in logs ...	C. ft.	......	3	3	65	3	65
...	25. Squared timber ...	,,	......	......	......	......	......	......
...	26. Sleepers, broad gauge ...	,,	......	7	7	100	7	100
...	27. ,, metre ,, ...	,,	......	5	5	90	5	90
...	28. Scantlings	,,	......	27	27	300	27	300
...	29. Poles		......	177	177	1,200	177	1,200
...	30. Firewood	,,	......	253	253	1,030	253	1,080
...	31. Bamboos	,,	......	401	401	8,525	401	8,525
...	32. Reeds	,,	......	......	......	......	......	......
...	Total raft traffic ...	C. ft.	......	873	873	11,310	873	11,310
Boats 289	Grand Total ...	Tons	919	1,757	2,676	4,63,135	2,656	4,62,905
Rafts ...		C. ft.	......	873	873		873	

ARRAH CANAL SYSTEM.

Length of Canal open, 65 *miles*.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
...	1. Cotton, raw and manufactured ...		67	12	79	1,15,890	79	1,15,890
2	2. Woollen goods, raw and manufactured		......	2	2	1,600	2	1,600
..	3. Dyes and tans		......	......	......	......	......	......
25	4. Rice or wheat		50	30	80	5,904	80	5,904
31	5. Other food-grains		15	379	394	27,308	394	27,308
...	6. Hides and skins		......	......	......	......	......	......
...	7. Liquors		......	......	......	......	......	......
...	8. Metals		8	5	13	2,783	13	2,783
...	9. Oils		......	......	......	......	......	......
58	10. Oilseeds		2	749	751	75,314	751	75,314
...	11. Provisions		......	......	......	......	......	......
74	12. Salt		1,058	......	1,058	1,16,699	1,058	1,16,699
1	13. Spices		......	2	2	100	2	100
...	14. Sugar		......	......	......	......	......	......
2	15. Tobacco		3	6	9	892	9	892
20	16. Building materials		......	352	352	1,190	344	1,169
63	17. Miscellaneous goods		183	361	544	78,554	531	78,368
...	18. Timbers		......	2	2	120	2	120
4	19. Firewood		......	16	16	92	16	92
...	20. Bamboos		......	......	......	......	......	......
7	21. Coal or coke		45	62	107	1,343	62	875
...	22. Jute		......	......	......	......	......	......
...	23. Treasure		......	......	......	......	......	......
287	Total boat traffic ...	Tons	1,431	1,978	3,409	4,27,789	3,343	4,27,114
...	24. Timber in logs		......	......	......	......	......	......
...	25. Squared timber		......	......	......	......	......	......
...	26. Sleepers, broad gauge		......	......	......	......	......	......
...	27. " metre "		......	......	......	......	......	......
...	28. Scantlings		......	......	......	......	......	......
...	29. Poles	C. ft.	......	162	162	895	162	895
...	30. Firewood	"	......	171	171	1,507	171	1,507
...	31. Bamboos	"	......	103	103	1,254	103	1,254
...	32. Reeds	"	......	......	......	......	......	......
...	Total raft traffic ...	C. ft	......	436	436	3,656	436	3,656
Boats 287	Grand Total ...	Tons	1,431	1,978	3,409	4,31,445	3,343	4,30,770
Rafts ...		C. ft.	......	436	436		436	

BUXAR CANAL SYSTEM.

Length of Canal open, 67 miles.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
...	1.	Cotton, raw and manufactured ...	......	......	......	......	......	......
...	2.	Woollen goods, raw and manufactured	......	......	......	......	......	......
...	3.	Dyes and tans	......	......	......	......	......	......
14	4.	Rice or wheat	1	208	209	13,698	209	13,698
...	5.	Other food-grains	......	......	......	......	......	......
...	6.	Hides and skins	......	......	......	......	......	......
...	7.	Liquors	......	......	......	......	......	......
...	8.	Metals	8	1	9	13,800	9	13,800
...	9.	Oils	......	......	......	......	......	......
18	10.	Oilseeds	2	338	340	31,099	340	31,099
...	11.	Provisions	......	......	......	......	......	......
...	12.	Salt	......	......	......	......	......	......
...	13.	Spices	......	......	......	......	......	......
...	14.	Sugar	......	......	......	......	......	1,300
1	15.	Tobacco	12	......	12	1,300	12	1,010
84	16.	Building materials	247	633	880	4,469	77	89,384
87	17.	Miscellaneous goods	125	1,068	1,193	89,684	1,183	......
...	18.	Timbers	......	......	......	......	......	65
2	19.	Firewood	......	8	8	65	8	......
...	20.	Bamboos	......	......	......	......	......	......
3	21.	Coal or coke	25	12	37	176	......	......
...	22.	Jute	......	......	......	......	......	......
...	23.	Treasure	......	......	......	......	......	......
209		Total boat traffic ... Tons	420	2,268	2,688	1,54,281	1,838	1,60,346
...	24.	Timber in logs	......	......	......	......	......	......
...	25.	Squared timber	......	......	......	......	......	......
...	26.	Sleepers, broad gauge	......	50	50	380	50	380
...	27.	„ metre „	......	......	......	......	......	......
...	28.	Scantlings	......	......	......	......	......	......
...	29.	Poles	......	......	......	......	......	......
...	30.	Firewood	......	33	33	280	33	280
...	31.	Bamboos	......	119	119	2,700	119	2,700
...	32.	Reeds	......	......	......	......	......	......
...		Total raft traffic ... C. ft.	......	202	202	3,360	202	3,360
Boats 209		Grand Total ... Tons	420	2,268	2,688	1,57,641	1,858	1,53,706
Rafts ...		C. ft.	......	202	202		202	

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Major Works for the quarter ending 31*st December* 1891, *as compared with that of the corresponding quarter of the previous year.*

Canals.	Tollage, 1891-92.		Tollage, 1890-91.	
	During the quarter.	To end of the quarter.	During the quarter.	To end of the quarter.
Orissa Circle.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Taldunda Canal System ...	490 14 5	3,277 1 0	134 9 5	1,747 6 7
Kendrapara ditto ...	26,837 0 2	66,470 3 4	25,347 2 4	58,729 5 4
High Level, Range I ...	3,366 8 0	7,814 13 9	2,790 12 2	7,642 7 11
Ditto „ II ...	788 14 6	1,765 1 6	610 4 9	2,253 3 0
Ditto „ III ...	491 1 11	1,205 13 5	428 3 2	1,641 8 5
Jajpur Canal	58 12 9	164 8 0	79 7 2	215 1 0
Total Orissa Circle ...	32,033 3 9	80,697 9 0	29,390 7 0	72,229 0 3
South-Western Circle.				
Midnapore Canal	31,692 2 9	80,970 10 0	26,843 11 9	87,870 15 6
Hidgellee Tidal Canal ...	11,080 15 6	20,818 0 3	8,636 11 6	26,553 13 3
Total South-Western Circle ...	42,773 2 3	1,01,788 10 3	35,479 7 3	1,14,424 12 9
Sone Circle.				
Patna Canal System ...	3,349 4 0	18,665 15 0	6,569 10 9	18,396 1 8
Arrah ditto	2,886 10 3	16,218 13 9	3,275 13 3	13,850 5 9
Buxar ditto	1,599 3 3	7,907 6 0	2,385 5 3	7,338 7 0
Total Sone Circle ...	7,834 1 6	42,792 2 9	12,230 13 3	39,584 14 5
Grand Total ...	82,640 7 6	2,25,278 6 0	77,100 11 6	2,26,238 11 5

Government Transport Service.

Canal.	Tollage, 1891-92.						Tollage, 1890-91.					
	During the quarter.			To end of the quarter.			During the quarter.			To end of the quarter.		
	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.
Orissa Circle.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level	3,627	3,754	3,630 11 4	8,604	8,226	8,524 11 9	3,750	2,113	3,494 14 5	8,594	6,470	8,711 9 8
Total Orissa Circle ...	3,627	3,754	3,630 11 4	8,604	8,226	8,524 11 9	3,750	2,113	3,494 14 5	8,594	6,470	8,711 9 8

Total Navigation Receipts.

Canals.	Earnings, 1891-92.		Earnings, 1890-91.	
	During the quarter.	To end of the quarter.	During the quarter.	To end of the quarter.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Orissa Canals	35,672 15 1	89,222 4 9	32,885 5 5	80,940 9 11
Midnapore Canal	31,692 2 9	80,970 10 0	26,843 11 9	87,870 15 6
Hidgellee Tidal Canal ...	11,080 15 6	20,818 0 3	8,636 11 6	26,553 13 3
Sone Canals	7,834 1 6	42,792 2 9	12,230 13 3	39,584 14 5
Total ...	86,280 2 10	2,33,803 1 9	80,595 5 11	2,34,950 5 1

Calcutta,
The 29th March 1892.

G. C. Maconchy,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 26th March 1892, as compared with the corresponding week of the previous year.

Nature of Cargo.	Week ending Saturday, the 26th March 1892.			Week ending Saturday, the 28th March 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	382	1,60,875	2,913	1,062	2,36,400	3,981
Jute	3	800	17	86	50,925	948
Firewood	118	73,765	1,125	158	90,575	1,318
Other articles	719	2,26,555	3,534	944	2,62,405	4,205
Total ...	1,222	4,61,995	7,589	2,250	6,40,305	10,482

BENGAL CENTRAL RAILWAY.

Abstract of principal commodities carried over the Bengal Central Railway during the month of January 1892. as compared with the same month of the previous year.

Staples.	1892.		1891.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1892.	1891.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal	2,614	......	4,611	......	3,033*	5,109*	......	2,076
Cotton, twist and yarn—								
1.—European								
2.—Indian								
Cotton piece-goods—								
1.—European—								
a.—In bales and bundles	313	......	236	......	313	236	77	......
b.—In boxes								
2.—Indian—								
a.—In bales and bundles								
b.—In boxes								
Grains—								
2.—Rice	6	1,797	18	152	1,803	170	1,633	......
5.—Others	48	143	31	26	191	57	134	......
Hides and skins—								
1.—Hides of cattle—								
a.—Dressed								
b.—Undressed								
2.—Skins of sheep, &c.—	......	31	......	42	31	42	......	11
a.—Dressed								
b.—Undressed								
Jute—								
1.—Raw—								
b.—Unscrewed	......	100	......	539	100	539	......	439
2.—Gunny-bags and cloth	18	......	12	......	18	12	6	......
Metals—								
1.—Copper, unwrought								
2.—Brass, unwrought								
3.—Brass and copper, wrought	56	4	55	15	60	70	......	10
4.—Iron								
5.—Tin								
6.—Others								
Oils—								
2.—Kerosine	119	......	88	......	119	88	31	......
3.—Others	90	......	92	......	90	92	......	2
Oil-seeds—								
1.—Linseed								
2.—Rape and mustard								
3.—Til or gingelly								
4.—Niger	39	231	75	24	270	99	171	..
5.—Castor								
6.—Poppy								
7.—Others								
Provisions—								
2.—Betel-nuts	......	1,068	......	1,080	1,068	1,080	......	12
3.—Others	143	101	173	2	244	175	69	......
Railway plant and rolling-stock	......	......	......	......	539†	81†	458	......
Salt	223	......	309	......	223	309	......	86
Sugar—								
1.—Drained								
2.—Undrained	106	572	26	419	678	445	233	......
Tobacco	28	5	29	16	33	45	......	12
All other articles of merchandise—								
1.—Unmanufactured								
2.—Manufactured	464	291	517	290	755	807	......	52
Total ...	4,267	4,343	6,272	2,605	9,538	9,156	2,812	2,930

* Includes 419 tons and 498 tons during 1892 and 1891, respectively, carried for Revenue, for which no "Up" and "Down" register maintained.
† Railway plant and rolling-stock 539 tons and 81 tons for the years 1892 and 1891, respectively, for which no "Up" and "Down" register maintained.

Statement of principal commodities carried on the Bengal Central Railway during the month of January 1892.

Increase.

	Tons.
Rice	1,633

The chief increase is in despatches from Nawapara and Khulna. This is due to a rise in prices in the Calcutta market.

Decrease.

	Tons.
Coal	2,076

Due to a change in the arrangements for delivery of coal for railway and flotilla use.

HARRY STUART,
Joint-Auditor and Examiner of Accounts.

CALCUTTA, *the 21st March* 1892.

EASTERN BENGAL STATE RAILWAY.

Abstract of principal commodities carried over the Eastern Bengal State Railway during the month of January 1892, as compared with the same month of the previous year.

STAPLES.	1892.		1891.		Total.		Increase.	Decrease
	Up.	Down.	Up.	Down.	1892.	1891.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal	8,129	11,717	8,024	3,032	23,093*	17,136*	5,957	.....
Cotton, raw	42	356	34	520	398	554	.....	156
Cotton twist and yarn—								
1.—European								
2.—Indian								
Cotton piece-goods—								
1.—European—								
a.—In bales and bundles	2,960	202	2,066	234	3,162	2,300	862	......
b.—In boxes								
2.—Indian—								
a.—In bales and bundles								
b.—In boxes								
Grains—								
2.—Rice	8,678	2,055	1,735	4,469	10,733	6,204	4,529	. .
5.—Others	2,824	4,467	1,866	11,820	7,291	13,686	... ..	6,395
Hides and skins—								
1.—Hides of cattle—								
a.—Dressed								
b.—Undressed								
2.—Skins of sheep, &c.—	7	368	8	851	375	859	......	484
a.—Dressed								
b.—Undressed								
Jute—								
1.—Raw—								
a.—Screwed	... ..	3,758	.....	8,199	3,758	8,199	.. ..	4,441
b.—Unscrewed	1	8,563	85	25,033	8,564	25,118	.... .	16,554
2.—Gunny-bags and cloth	307	1,040	281	1,562	1,347	1,843	..	496
Metals—								
1.—Copper, unwrought								
2.—Brass, unwrought								
3.—Brass and copper, wrought	1,309	105	1,457	115	1,414	1,572	.....	158
4.—Iron								
5.—Tin								
6.—Others								
Oils—								
2.—Kerosine	958	9	1,140	4	967	1,144	... ..	177
3.—Others	234	41	198	42	275	240	35	......
Oil-seeds—								
1.—Linseed								
2.—Rape and mustard								
3.—Til or gingelly								
4.—Niger	164	2,114	180	1,371	2,278	1,551	727	......
5.—Castor								
6.—Poppy								
7.—Others								
Provisions—								
2.—Betel-nuts	89	1,022	85	1,077	1,111	1,162	. . .	51
3.—Others	641	396	837	181	1,037	1,018	19	......
Railway plant and rolling-stock	.. ..		.. ..	......	5,050†	4,788†	262	
Salt	3,467	27	4,259	17	3,494	4,276	..	782
Sugar—								
1.—Drained	1,352	740	1,420	555	2,092	1,975	117	... ..
2.—Undrained								
Tea—								
1.—Foreign	1	768	17	525	769	542	227	. . ..
2.—Indian								
Wood—								
1.—Timber	270	285	65	118	555	183	372	.. ..
2.—Firewood	1,452	..	1,995	22	1,452	2,017	. ..	565
Tobacco	59	556	66	443	615	509	106	......
All other articles of merchandise—								
1.—Unmanufactured	4,040	1,965	4,897	1,820	6,005	6,717	... ..	712
2.—Manufactured								
Hay, straw, and wooloo (C. & S.-E. Sections). .	861	8	725	......	869	725	144	......
Total ...	37,845	40,562	31,440	62,010	86,704	104,318	13,357	30,971

* Includes 3,247 tons and 6,080 tons during 1892 and 1891, respectively, carried for Revenue, for which no "Up" and "Down" register maintained.

† Railway plant and rolling-stock 5,050 tons and 4,788 tons for the years 1892 and 1891, respectively, for which no "Up" and "Down" register maintained.

Statement of principal commodities carried on the Eastern Bengal State Railway during the month of January 1892.

INCREASES.

	Tons.		Tons.
Coal	5,957	Rice	4,529
Partly due to provision for brick-burning.		The chief increase is in despatches from Goalundo, Jajpurhat, Nawabganj, and Dinajpur. This is due to a rise in prices in Purnea and Kuch Behar districts, and at hill stations	

DECREASES.

	Tons.		Tons.
Jute, screwed	4,411	Jute, unscrewed	16,554
Daroani, Kasba, Mymensingh, and Post Golah show the principal decreases.		The decrease was general among jute-booking stations on the several sections, due to short crop.	

HARRY STUART,
Examiner of Accounts.

CALCUTTA, *the 21st March* 1892.

NALHATI STATE RAILWAY.

Statement showing Increases and Decreases in tonnage of Staples carried over the Nalhati State Railway during the month of February 1892, as compared with the same month of the previous year.

Staples.	1891.		1892		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1891.	1892		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal	585	......	582	......	585	582	......	3
Cotton, raw	13	......	3	......	13	3	......	10
Cotton piece-goods—								
1.—European	48	......	33	......	48	33	......	15
2.—Indian	......	1	......	......	1	......	......	1
Grains—								
2.—Rice	69	207	80	84	276	164	......	112
3.—Gram	1	......	......	......	1	......	......	1
4.—Others	19	1	36	71	20	107	87	......
Hides and skins—								
1.—Hides of cattle—								
a.—Dressed	......	12	......	6	12	6	......	6
b.—Undressed	......	1	......	......	1	......	......	1
2.—Skins of sheep, goats, and small animals—								
a.—Dressed	......	......	...	2	......	2	2	......
Jute—								
1.—Raw	......	112	366	......	112	366	254	......
2.—Gunny bags and cloths	6	5	3	3	11	6	......	5
Leather, manufactured	1	......	1	......	1	1	......	......
Liquors—								
1.—Beer	......	......	1	......	......	1	1	......
2.—Wines	......	......	1	......	......	1	1	......
Metals—								
2.—Iron	1	......	14	......	1	14	13	......
4.—Others	8	4	7	3	12	10	......	2
Oils—								
2.—Kerosine	1	1	...	1	2	1	......	1
3.—Others	3	......	2	......	3	2	......	1
Oil-seeds—								
1.—Linseed	......	10	......	65	10	65	55	......
2.—Mustard and rape	58	......	213	......	58	213	155	......
Provisions—								
1.—Ghee	8	......	3	......	8	3	......	5
2.—Dried fruits and nuts	1	......	......	......	1	......	......	1
3.—Others	1	......	2	4	1	6	5	......
Paper and pasteboard	......	......	......	1	......	1	1	......
Salt	24	......	20	......	24	20	......	4
Silk, raw—								
2.—Indian	16	14	1	27	30	28	......	2
Silk piece-goods—								
2.—Indian	1	6	......	3	7	3	......	4
Stone and lime	......	......	12	......	......	12	12	......
Sugar—								
1.—Drained	19	......	7	......	19	7	......	12
2.—Undrained	11	......	21	......	11	21	10	......
Tobacco	1	1	...	1	2	1	......	1
Timber	17	......	11	5	17	16	......	1
All other articles of merchandise	70	11	31	13	81	44	......	37
Total ...	982	386	1,450	289	1,368	1,739	596	225

INCREASE.

	Tons.
Grains—	
(4) Others	87
Due to greater despatches of kollye from Azimganj station.	
Jute—	
(1) Raw	254
Due to greater despatches of pressed jute for fair demand.	
Oil-seeds—	
(1) Linseed	55
Owing to greater demand and insufficient water in the river.	
(2) Mustard and rape	155
Owing to greater demand and insufficient water in the river.	
Stone and lime	12
Due to there being no traffic under this head during the previous year.	

DECREASE.

	Tons.
Cotton, raw	10
Owing to previous stock not being exhausted.	
Cotton piece-goods—	
(1) European	15
Owing to previous stock not being exhausted.	
Grain—	
(2) Rice	112
Due to less export owing to short crops this year.	
Sugar—	
(1) Drained ...	12
Due to less demand	

R. G. MOOKERJEE,

Manager, Nalhati State Railway.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended **19th** *March* **1892**, *on* **1,525½** *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.	*		
Total traffic for the week ...	241,492*	*2,80,019 15 0	26,87,480 20	6,33,889 5 0	16,049 13 0	9,30,859 1 0	80,978¾	108,553¾	189,532½
Or per mile of railway ...	......	183 8 11	.....	415 8 6	11 1 9	610 3 2	......	......	
For previous 10 weeks of half-year ...	2,879,749	32,20,245 4 0	2,84,94,418 20	65,51,800 15 8	1,73,271 11 9	99,54,317 15 5	764,432	1,042,858	1,807,290
Total for 11 weeks ...	3,121,241	35,00,265 3 0	3,11,81,908 0	71,85,690 4 8	1,90,221 8 9	1,08,85,177 0 5	845,410¾	1,151,411¾	1,996,822½
Comparison.									
Total for corresponding week of previous year ...	256,662½	3,27,315 9 5	27,22,583 30	6,56,716 14 3	21,938 7 0	10,06,000 14 8	72,902	111,442	184,344
Per mile of railway corresponding week of previous year ...	......	214 9 4	.....	430 7 11	14 6 1	659 7 4	......	......	.....
Total to corresponding date of previous year ...	3,274,607	39,61,652 8 6	3,04,01,911 10	72,11,502 3 4	2,33,877 12 11	1,14,07,032 8 9	864,645	1,128,113	1,992,758

* The decrease in coaching traffic is due to figures for the corresponding period of 1891 having included pilgrims for Gaya and Hurdwar "méla."

PATNA-GAYA STATE RAILWAY.

Approximate Return of Traffic for week ended 19th *March* 1892, *on* **57⅕** *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	12,683*	6,283 7 0*	66 640 20	3,911 6 0	47 0 0	10,241 13 0	1,704	1,284	2,988
Or per mile of railway ...	221½	109 13 7	1,165 10	68 6 1	0 13 2	179 0 10	.....	......	......
For previous 10 weeks of half-year ...	1[illegible]6,681	72,704 15 0	5,93,677 30	35,083 10 0	479 9 3	1,08,268 2 3	18,315	8,203	26,518
Total for 11 weeks ...	149 064	78,988 6 0	6,60,318 10	3[illegible],995 10 0	526 9 3	1,18,509 15 3	20,019	9,487	29,506
Comparison.									
Total for corresponding week of previous year ...	14,435½	7,810 12 8	47,372 0	3,340 13 0	59 6 3	11,210 15 11	1,674	720	2,394
Per mile of railway corresponding week of previous year ...	252¼	136 8 10	828 10	54 6 6	1 0 7	195 15 11	......	......	......
Total to corresponding date of previous year ...	112,587½	1,27,310 1 0	4,83,232 30	33,524 14 0	669 9 0	1,61,504 8 0	18,584	9 131	27,715

* The decrease in coaching traffic is due to figures for the corresponding period of 1891 having included pilgrims for Gaya and Hurdwar "méla."

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 19th *March* 1892, *on* **22¼** *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	21,066	5,087 0 0	18,651 10	762 15 0	12 0 0	5 861 15 0	851	117	968
Or per mile of railway ...	......	228 10 1	......	34 4 8	0 8 7	263 7 4	......	......	......
For previous 10 weeks of half-year ...	214,775	54,088 8 0	1,73,557 10	6,440 2 9	113 0 9	60,641 11 6	9,207	957	10,164
Total for 11 weeks ...	235,841	59,175 8 0	1,9[illegible],208 20	7,203 1 9	125 0 9	66,503 10 6	10,058	1,074	11,132
Comparison.									
Total for corresponding week of previous year ...	10,902½	5,042 7 0	14,058 0	509 1 0	6 0 0	5,557 8 0	868	100	968
Per mile of railway corresponding week of previous year ...	......	226 10 0	......	22 14 1	0 4 4	249 13 5	......	......	......
Total to corresponding date of previous year ...	203,030	78,845 13 5	1,57,431 30	5,366 10 0	112 9 6	84,325 0 11	10,846	1,188	12,034

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K.-D., AND ASSAM-BEHAR SECTIONS.)

Approximate Return of Traffic for week ended 19th March 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	163,391	80,400 0 0	5,40,938 0	69,130 0 0	9,670 0 0	1,59,200 0 0	30,178	25,687	55,865
Or per mile of railway	210	104 0 0	696 0	89 0 0	†1 0 0	194 0 0	......	......	......
For previous 10 weeks of half-year*	1,772,511	8,70,914 0 0	57,34,003 0	8,46,353 0 0	1,30,778 0 0	18,48,045 0 0	291,449	285,830	577,279
Total for 11 weeks ...	1,935,902	9,51,314 0 0	62,74,941 0	9,15,483 0 0	1,40,448 0 0	20,07,245 0 0	321,627	311,517	633,144
Comparison.									
Total for corresponding week of previous year	151,191	74,497 0 0	6,91,473 0	1,30,492 0 0	12,126 0 0	2,17,115 0 0	29,835	35,736	65,571
Per mile of railway corresponding period of previous year ...	195	96 0 0	890 0	163 0 0	†1 0 0	265 0 0	......	......	......
Total to corresponding date of previous year	2,271,531	13,78,346 0 0	77,26,448 0	14,96,110 0 0	3,27,880 0 0	32,02,336 0 0	353,904	400,145	754,049

* Audited up to week ending 6th February 1892.
† Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 19th March 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	27,190	10,580 0 0	47,965 0	3,110 0 0	60 0 0	13,750 0 0	3,472	2,200	5,672
Or per mile of railway	218	85 0 0	384 0	25 0 0	...	110 0 0	.. ..	......	.... .
For previous 10 weeks of half-year*	305,715	1,12,402 0 0	6,20,250 0	38,563 0 0	1,066 0 0	1,52,031 0 0	36,592	21,783	58,375
Total for 11 weeks ...	332,914	1,22,982 0 0	6,68,215 0	41,673 0 0	1,126 0 0	1,65,781 0 0	40,064	23,983	64,047
Comparison.									
Total for corresponding week of previous year .. .	27,367	9,885 0 0	61,023 0	4,107 0 0	38 0 0	14,030 0 0	3,472	2,200	5,672
Per mile of railway corresponding week of previous year ...	218	79 0 0	488 0	33 0 0	......	112 0 0	. . .	......	......
Total to corresponding date of previous year	370,075	1,81,385 0 0	7,13,776 0	40,549 0 0	726 0 0	2,22,660 0 0	40,604	26,112	66,716

* Audited up to week ending 6th February 1892.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 19th March 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	16,006	5,420 0 0	13,101 0	1,160 0 0	90 0 0	6,670 0 0	2,500	724	3,224
Or per mile of railway	193	63 0 0	152 0	14 0 0	1 0 0	78 0 0	......	......	......
For previous 10 weeks of half-year*	179,908	57,883 0 0	1,15,468 0	12,274 0 0	967 0 0	71,124 0 0	24,644	8,452	33,096
Total for 11 weeks ...	196,514	63,303 0 0	1,28,569 0	13,434 0 0	1,057 0 0	77,794 0 0	27,144	9,176	36,320
Comparison.									
Total for corresponding week of previous year	18,613	5,910 0 0	28,354 0	2,699 0 0	69 0 0	8,678 0 0	2,414	1,073	3,487
Per mile of railway corresponding week of previous year ...	216	69 0 0	330 0	31 0 0	1 0 0	101 0 0	......	......	......
Total to corresponding date of previous year	220,193	82,052 0 0	4,48,924 0	41,572 0 0	2,109 0 0	1,25,733 0 0	29,334	16,450	45,784

* Audited up to week ending 23rd January 1892.

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 19th March 1892, on 27¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,076	1,080 0 0	5,688 0	330 0 0	10 0 0	1,420 0 0	554	400	954
Or per mile of railway	113	40 0 0	209 0	12 0 0	......	52 0 0	......	......	......
For previous 10 weeks of half-year*	33,754	11,975 0 0	1,43,735 0	7,999 0 0	576 0 0	20,550 0 0	5,066	5,362	10,428
Total for 11 weeks ...	36,830	13,055 0 0	1,49,423 0	8,329 0 0	586 0 0	21,970 0 0	5,620	5,762	11,382
Comparison.									
Total for corresponding week of previous year	3,041	1,113 0 0	9,957 0	612 0 0	23 0 0	1,748 0 0	508	473	981
Per mile of railway corresponding week of previous year ...	112	41 0 0	365 0	22 0 0	1 0 0	64 0 0	......	......	......
Total to corresponding date of previous year	46,896	17,597 0 0	1,34,375 0	6,802 0 0	180 0 0	24,570 0 0	6,562	6,365	12,927

* Audited up to week ending 6th February 1892.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhoot State Railway.)

Approximate Return of Traffic for the week ending 12th March 1892, on 755 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 755 miles open	82,230	36,060	3,44,510	48,930	10,150	95,140	11,320	17,762	29,082
Or per mile of railway	108·91	47·76	456·30	64·81	13·44	126·01	......	......	......
For previous 9½ weeks of half-year	751,870	3,27,670	30,01,960	3,97,470	80,660	8,05,800	105,810	151,869	257,688
Total for 10½ weeks ..	834,100	3,63,730	33,46,470	4,46,400	90,810	9,00,940	117,130	169,631	286,770
Comparison.									
Total for corresponding week of previous year on 705 miles open	74,298	31,001	5,75,963	55,259	8,335	94,595	11,632	16,711	28,343
Per mile of corresponding week of previous year	105·39	43·98	533·28	78·38	11·82	134·18	......	......	......
Total to corresponding date of previous year	997,968	4,35,501	41,93,772	5,93,214	89,125	11,17,840	113,816	202,260	316,076

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 5th March 1892	10,068	0	0
Corresponding period of 1891	9,067	0	0
Increase	1,001	0	0
Receipts per mile for week ending 5th March 1892	1[illegible]7	6	9
Corresponding period of 1891	177	12	8
Increase	19	10	1
Receipts from 1st January to 5th March 1892	79,987	0	0
Corresponding period of 1891	73,375	0	0
Increase	6,612	0	0

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 12th March 1892	8,409	0	0
Corresponding period of 1891	10,800	0	0
Decrease	2,391	0	0
Receipts per mile for week ending 12th March 1892	164	14	1
Corresponding period of 1891	211	12	4
Decrease	46	14	3
Receipts from 1st January to 12th March 1892	88,396	0	0
Corresponding period of 1891	84,176	0	0
Increase	4,220	0	0

Printed and published by Edwin Morris Lewis at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 30th March 1892.

[REGISTERED No. 29.]

No. 14 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, APRIL 6, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

IRRIGATION OPERATIONS FOR KHARIF, 1891-92:

No. 441*I.*

GOVERNMENT OF BENGAL—PUBLIC WORKS DEPARTMENT.

Irrigation.

Dated Calcutta, the 5th April 1892.

RESOLUTION.

READ—

Statements Nos. I, II, and III of Irrigation Operations of Canals in Bengal during the kharif season of 1891-92.

OBSERVATIONS.—The area irrigated during the kharif season of 1891-92 was 532,118 acres, against 498,662 acres in 1890-91, showing an increase of 6·7 per cent.

2. The increase took place mainly on the Sone and Saran Canals, being due to the scanty rainfall during the season in the districts commanded by those works.

On the Orissa and Midnapore Canals the rainfall was, on the contrary, more plentiful than last year though unequally distributed through the irrigating season, and the Balasore district showed a decrease of 2,908 acres. In the Cuttack and Midnapore districts the area irrigated was slightly in excess of 1890-91, a result which was mainly due to the scanty rainfall in October.

3. The increase or decrease in the irrigation from each canal is given in the following statement:—

Canals.		Kharif season.		More.	Less.
		1890-91.	1891-92.		
		Acres.	Acres.	Acres.	Acres.
Orissa ...	Taldunda	41,247	41,568	321	......
	Kendrapara ...	71,403	70,863	......	540
	High Level, Ranges I, II, and III	63,399	60,897	......	2,502
Midnapore Canal ..	... ...	82,002	82,198	196	......
Sone ...	Patna	56,600	74,161	17,561	......
	Arrah	120,150	127,885	7,735	......
	Buxar	62,871	70,901	8,030	......
Saran Canal	... ...	990	3,645	2,655	......
	Total ...	498,662	532,118	36,498	3,042

4. On the Midnapore and Saran Canals the only kharif crop irrigated is rice, whilst on the Orissa and Sone Canals there are in addition sugarcane and hot-weather crops.

Order.—Ordered that a copy of this Resolution, and of the statements Nos. I, II, and III, be submitted to the Government of India, Public Works Department, for information.

Ordered also that copies of this Resolution, and of the statements, be forwarded to the Commissioners of the Orissa, Burdwan, and Patna Divisions; the Collectors of Cuttack, Midnapore, Patna, Shahabad, Gaya and Saran; the Superintending Engineers, Orissa, South-Western, and Sone Circles; and the Examiner of Public Works Accounts, Bengal, for information.

By order of the Lieutenant-Governor of Bengal,

C. W. ODLING,

Joint-Secretary to the Govt. of Bengal.

No. I.—Kharif Statement.

GOVERNMENT OF BENGAL, PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

IRRIGATION OPERATIONS FOR THE KHARIF SEASON, 1891-92.

Comparative Statement of Irrigation and Rainfall in Canal Districts of Bengal.

Districts.	Area in acres.	Culturable acres.	Area irrigated.		1891-92 as compared with 1890-91.		Rainfall for four months—										Remarks.
							July.		August.		September.		October.		Total.		
			1890-91.	1891-92.	Increase.	Decrease.	1890.	1891.	1890.	1891.	1890.	1891.	1890.	1891.	1890.	1891.	
			Acres.	Acres.	Acres.	Acres.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
Cuttack ...	Information not available.	Information not available.	137,016	137,203	187	......	13·54	9·93	7·80	16·90	14·82	20·06	8·65	1·08	44·80	47·97	Average rainfall of 11 stations in the Cuttack district.
Balasore ...			39,033	36,125	......	2,908	7·26	12·59	6·39	17·43	12·12	16·13	8·54	1·70	34·32	47·85	Average rainfall of Bhadrak and Acquapada stations.
Midnapore ...			81,626	81,822	196	......	6·08	8·22	5·41	23·27	9·05	10·44	5·14	0·58	25·68	42·51	Rainfall at Midnapore.
Hooghly ...			376	376	......	......	...	...	...	...	...	...	...	...	...	...	No rain-gauge stations on the Tidal Reaches of the Midnapore Canal.
Gaya	3,015,680	2,356,000	29,146	37,150	8,004	......	16·15	4·20	12·30	8·00	3·30	2·60	0·35	0·40	32·10	15·29	Rainfall at Daudnugger station.
Patna	1,329,920	1,039,000	27,454	37,011	9,557	......	17·41	7·23	17·38	5·77	4·94	3·45	1·02	1·72	40·75	18·17	Rainfall at Patna station.
Shahabad ...	2,806,400	2,192,500	183,021	198,786	15,765	......	28·44	5·15	12·93	5·91	8·92	6·40	3·29	1·21	53·58	18·67	Rainfall at Arrah station.
Saran	1,680,000	1,312,500	990	3,645	2,655	......	17·75	3·21	15·47	8·47	11·61	6·46	0·81	0·79	45·64	18·93	Rainfall at Sewan station.
Total ...	......	......	498,662	532,118	36,364	2,908	...	...	...	...	...	...	...	...	...	...	

Calcutta,
The 28th March 1892.

G. C. Maconchy,
Under-Secy. to the Govt. of Bengal.

No. II.—KHARIF STATEMENT.

IRRIGATION OPERATIONS OF FASL KHARIF, 1891-92.

Statement in acres of crops irrigated in Canal Districts.

NATURE OF CROPS.		Cuttack.	Balasore.	Midnapore.	Hooghly.	Gaya.	Patna.	Shahabad.	Saran.	Total.
Garden and orchards ...	...	86	199	......	......	534	1,637	13,270	......	15,726
Sugarcane ...	...	......	......	......	......	......	......	......	......	......
Cereals ...	Wheat ...	......	......	......	......	......	......	......	......	......
	Barley ...	......	......	......	......	......	......	......	......	......
	Rice ...	137,117	35,926	81,822	376	36,464	35,203	171,842	3,645	502,295
	Miscellaneous	......	......	......	......	152	171	308	......	631
Pulse ...	Gram, &c.	......	......	......	......	......	......	......	......	......
	Miscellaneous	......	......	......	......	......	......	......	......	......
Fodder crops ...	Grass, lucerne	......	......	......	......	......	......	......	......	......
Fibres ...	Cotton ...	......	......	......	......	......	......	......	......	......
Dyes ...	Indigo ...	......	......	......	......	......	......	......	......	......
	Turmeric, &c.	......	......	......	......	......	......	......	......	......
Drugs ...	Opium ...	......	......	......	......	......	......	......	......	......
	Tobacco, &c.	......	......	......	......	......	......	......	......	......
Oilseeds ...	Mustard, &c.	......	......	......	......	......	......	......	......	......
	Castor ...	......	......	......	......	......	......	13,366	......	13,366
Miscellaneous ...	...	......	......	......	......	......	......			
Hot-weather ...	...	......								
Total Kharif, 1891-92	...	137,203	36,125	81,822	376	37,150	37,011	198,786	3,645	532,118
Total Kharif, 1890-91	...	137,016	39,033	81,626	376	29,146	27,454	183,021	990	498,662

CALCUTTA,
The 28th March 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

No. III.—Kharif Statemnet.

IRRIGATION OPERATIONS OF FASL KHARIF, 1891-92.

Statement in acres of crops irrigated by canals in Canal Divisions.

Nature of crops.		Taldanda Canal.	Kendrapara Canal.	High Level Canal, Ranges I, II, and III.	Midnapore Canal.	Patna Canal.	Arrah Canal	Buxar Canal.	Sarun Canal.	Total.	Remarks.
		Maha-nuddy.	Brahminee-Byturnee.	Acqua-padda-Jajpur.	Cossye.	Eastern Sone.	Arrah.	Buxar.	Gunduck.		
Garden and orchards	...	25	50	210	......	2,171	8,933	4,337	......	15,726	
Sugarcane	...	......	......	......	......	......	......	......	......	......	
Cereals	Wheat ...	......	......	......	......	......	......	......	......	......	
	Barley ...	......	......	......	......	......	......	......	......	......	
	Rice ...	41,543	70,813	60,687	82,198	71,667	108,336	63,506	3,645	502,395	
	Miscellaneous	......	......	......	......	323	198	110	......	631	
Pulse	Gram, &c.	......	......	......	......	......	......	......	......	......	
	Miscellaneous	......	......	......	......	......	......	......	......	......	
Fodder crops	Grass, lucerne	......	......	......	......	......	......	......	......	......	
Fibres	Cotton ...	......	......	......	......	......	......	......	......	......	
Dyes	Indigo ...	......	......	......	......	......	......	......	......	......	
	Turmeric, &c.	......	......	......	......	......	......	......	......	......	
Drugs	Opium ...	......	......	......	......	......	......	......	......	......	
	Tobacco, &c.	......	......	......	......	......	......	......	......	......	
Oilseeds	Mustard, &c.	......	......	......	......	......	......	......	......	......	
	Castor ...	......	......	......	......	......	......	......	......	......	
Miscellaneous	...	......	......	......	......	......	10,418	2,948	......	13,366	
Hot-weather	...	......	......	......	......	......	......	......	......	......	
Total Kharif, 1891-92	...	41,568	70,863	60,897	82,198	74,161	127,885	70,901	3,645	532,118	
Total Kharif, 1890-91	..	41,247	71,403	63,399	82,002	56,600	120,150	62,871	990	498,662	

Calcutta, }
The 28th March 1892. }

G. C. Maconchy,
Under-Secy. to the Govt of Bengal.

ESTABLISHMENT OF A FEMALE HOSPITAL AT BARANAGAR.

No. 894 Med., dated Calcutta, the 1st April 1892.

From—H. C. STREATFEILD, ESQ., Under-Secy. to the Govt. of Bengal, Municipal Dept.,
To—The Commissioner of the Presidency Division.

I AM directed to acknowledge the receipt of your endorsement No. 10-M. Mdl., dated the 16th March 1892, with which you forward a copy of a letter from Babu Benode Lal Ghose, Vice-Chairman of the Baranagar Municipality, offering to make over to Government a sum of Rs. 10,000 for the purpose of establishing a female hospital in that town, and, further, to bear the cost of a bigha of land for a site for the hospital, if Government will acquire the same at the side of the Victoria road in Baranagar. The donor desires that the institution thus established shall be called after the name of his mother.

2. In reply, I am directed to say that the Lieutenant-Governor accepts the generous offer made by Babu Benode Lal Ghose on the terms proposed, and to request that you will be so good as to convey to the donor an expression of the Lieutenant-Governor's appreciation of his liberality and public spirit. The Magistrate of the 24-Parganas should take early steps to acquire a site in the locality indicated.

3. This letter will be published in the *Calcutta Gazette.*

PROPOSED CONSTRUCTION OF A FEMALE WARD FOR THE NASIRABAD HOSPITAL.

No. 900Med., dated Calcutta, the 1st April 1892.

From—H. C. STREATFEILD, ESQ., Under-Secy. to the Govt. of Bengal, Municipal Dept.,
To—The Commissioner of the Dacca Division.

I AM directed to acknowledge the receipt of your letter No. 623J., dated the 15th March 1892, in which you report, for the information of Government, that Srimati Bidyamayi Debi Chaudhurani of Muktagachia, in the district of Mymensingh, has promised to place at the disposal of the Nasirabad Municipality a sum of Rs. 4,000 for the construction of an additional ward to the local hospital, to be called the "Bidyamayi Female Ward," and that the Commissioners of the Municipality have accepted the offer.

2. In reply, I am directed to request that you will be so good as to convey to Srimati Bidyamayi Debi Chaudhurani the thanks of the Lieutenant-Governor for her liberality and public spirit. This letter will be published in the *Calcutta Gazette* for general information.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 2nd April 1892.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.			
Burdwan Divn.			
1	Burdwan April 2, '92 Kalna ... Katwa ... Raniganj ...	Nil Nil Nil Nil	Weather—very hot; clouds about at times, and high winds from south. Rain much wanted for ploughing. Prices of common rice:— Srs. Sadar ... ... 12 to 16 per rupee. Kalna ... ... 10 to 13½ per rupee. Katwa ... ... 13½ per rupee. Raniganj ... ... 13 per rupee.
2	Bankura „ 2, '92	Nil	Weather—hot and dry. Sugarcane and *rabi* harvest finished. Rain wanted very badly. Fodder and water insufficient. Condition of cattle fair. Common rice selling at 15½ seers per rupee at Bankura and 16½ seers at Vishnupur.
3	Birbhum „ 2, '92 Rampur Hât ...	Nil Nil	No crops to report about. State of cattle normal. Fodder and water still sufficient, but tanks unusually low for the time of year. Price of common rice 13 to 16 seers per rupee.
4	Midnapore „ 2, '92	Nil	Weather—very hot. A strong wind blowing almost every day. *Rabi* crops are not very good. Want of fodder beginning to be felt. Prices of common rice:— Srs. Sadar ... ... 13 per rupee. Contai ... ... 16 per rupee. Tamluk ... ... 13 per rupee. Ghatál ... ... 12½ per rupee.
5	Hooghly „ 2, '92 Serampore ... Jahánabad ...	Nil Nil Nil	Weather—warm for the time of year. Strong southerly gales from south-west. Heavy dew. Clouds in the evening and morning. In Sadar and Serampore subdivisions scarcity of water; most tanks are dry, but water is to be had by deepening them a few feet. No crops except sugarcane cuttings in the ground. No difficulty in obtaining fodder-supply. Prices of common rice:— Srs. Ch. Sadar ... ... 10 0 per rupee. Serampore ... ... 11 14 per rupee. Jahánabad ... ... 13 5 per rupee.
6	Howrah „ 2, '92 Ulubaria ...	Nil Nil	Weather—warm. Strong cool south wind. Rain wanted for *rabi*. Condition of cattle good. Fodder and water-supply adequate. Price of rice 12 to 13 seers per rupee.
Presidency Divn.			
7	24-Parganas „ 2, '92	Nil	Weather—seasonable: cloudy with strong wind. Prospects unchanged. Rain much wanted. Supply of fodder sufficient. Complaints of want of drinking water received from all stations of Sadar subdivision. Prices stationary.
8	Nadia „ 2, '92 Kushtia ... Meherpur ... Chuadanga ... Ranaghat ...	Nil 1·13 Nil Nil Nil	Weather—hot. Rain in Kushtia has helped early sowings, but more is wanted. In the rest of the district, rain badly wanted everywhere. Common rice selling at from 11 seers to 13 seers 14 chitaks per rupee. Health of cattle good, and supply of fodder sufficient.
9	Khulna „ 2, '92 Bágerhat ... Satkhira ...	Nil Nil Nil	Weather—warm; occasionally cloudy with high wind. Want of rain is being severely felt, and *boro* on high land is drying up. Price of coarse rice varies from 11 to 15 seers per rupee. Supply of fodder sufficient, but there is scarcity of water both for men and cattle.
10	Jessore „ 2, '92 Jhenida ... Magura ... Narail ... Bangaon ...	Nil Nil 0·10 Nil Nil	Weather—days hot, mornings and evenings pleasant. *Boro* paddy grown in Narail subdivision is withering for want of rain. Rain badly wanted for tillage. Drinking water generally insufficient. Price of rice has risen slightly.
11	Murshidabad „ 2, '92	Nil	Weather—very hot. *Rabi* crop nearly all harvested. Rain much wanted. Fodder obtainable for cattle. Common rice being sold at 11 seers per rupee.
Chittagong Divn.			
12	Chittagong „ 2, '92	0·04	Weather—seasonable. Rain much wanted for all crops in most parts of the district; but heavy local showers in the north on the 29th March, and at Fenna 2 inches with hail and violent wind. Prices rising. Condition of cattle good. Supply of fodder sufficient.
13	Noakhali „ 2, '92 Fenny ...	Nil 1·04	Weather—hot and cloudy. Rain has fallen in some parts of the district, but more is wanted. Sowing of *aus* retarded for want of rain. Cattle disease prevails in Chhagalnaia. Fodder sufficient; water getting scarce. Rice sells at 13½ seers per rupee in Sadar and 14½ seers in Fenny.
14	Tippera „ 2, '92	1·40	Weather—hot with high southerly winds. *Kalai* and chillies being harvested. Rain has improved prospects. Ploughing operations going on vigorously. More rain needed. Cattle-disease in Sadar subdivision.
15	Chittagong Hill Tracts. Mar. 31, '92	0·42	Weather—sultry and hot throughout the week. Planting of sugarcane almost over. Lands being ploughed for *aus* paddy. *Jum* cutting still continues, and *jum* burning in some places has commenced. Tobacco and chillies being gathered in some places. Cattle-disease reported. Common rice being sold at 10 seers per rupee.

Division	No.	District and date of return.		Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—*concld.*					
DACCA DIVN.	16	Dacca	April 2, '92	1·52	Weather—seasonable. *Cheena, kaon* and *boro* paddy thriving. Ploughing for jute and early rice going on. Recent rain has done good to standing crops. Fodder available. Common rice selling at from 12 to 16 seers per rupee. Condition of cattle good.
	17	Faridpur	„ 2, '92	0·66	Weather—very hot, with strong southerly wind blowing all the week till last evening (1st April), when a mild nor'-wester broke over the Sadar station. State of standing crops only fair; the rain of yesterday (1st April) will do good, but more is wanted for sowings. Rice selling at 14 seers per rupee at the Sadar and both subdivisional head-quarters. Condition of cattle good and fodder available.
	18	Backergunge	„ 2, '92	Nil	Weather—cloudy in the morning and hot in the day. Strong south wind blowing, and high tides have flooded the fields with salt water. State and prospects of crops unsatisfactory. Rain very much wanted. Ordinary rice sells at from 10 to 14 seers per rupee. Fodder sufficient, but there is a difficulty about drinking water in parts where there are no good tanks.
	19	Mymensingh	„ 2, '92	1·32	Weather—cool and stormy. Prospects of standing crops improved by rain. Cultivation for jute and *aus* has commenced. Common rice sells at 13 to 16 seers a rupee. Supply of water and fodder sufficient on the whole.
RAJSHAHI DIVN.	20	Dinajpur Thakurgaon	„ 2, '92 ...	1·07 1·17	Weather—cool and cloudy in the morning, hot during the day. Rain has done much good to *kaun, bhadoi*, jute and sugarcane. Price of rice both at Sadar and Thakurgaon unchanged. Condition of cattle good. Supply of fodder and drinking water fair.
	21	Rajshahi Nator Nowgong	„ 2, '92	1·10 1·07 1·20	Weather - hot and seasonable. The shower of rain that fell on Sunday (27th March) night has facilitated ploughing, and generally done much good. *Rabi* harvest has not been a bumper one, rather below the average. Cattle are not suffering from disease; those in the Barind only have not sufficient fodder. Water-supply is not sufficient. No change in price of rice since last report.
	22	Rangpur Gaibanda Nilphamari Kurigaon Ulipur	„ 2, '92	3·70 2·77 1·19 3·85 2·35	Rainfall all over the district on 26th and 27th March; on those days the weather was cool, otherwise it has been sultry. Prospects of *aus* paddy already sown have been much improved by the rain. More *aus* and jute are now being sown. Prospects on the whole favourable. Fodder sufficient.
	23	Bogra Sherpur Naukhila	„ 2, '92	1·20 1·32 0·81	Weather—changeable: sometimes fine and dry, sometimes overcast and damp, with varying winds. On the 25th and 27th March 3·66 inches of rain fell at Bogra, and there has been more or less rain all over the district. It has improved the late *rabi* crops, and especially the prospects of *aus* rice and jute; in some places these plants have sprouted, and ploughing has been going on apace. There is no lack of fodder or water. Common rice is selling on the average at 13 seers per rupee.
	24	Pabna	„ 2, '92	0·24	Weather—cloudy in the morning; strong winds prevailing throughout the day. Recent rain has facilitated ploughing and sowing, but more is wanted. Common rice sells between 12 and 13 seers per rupee. Water-supply and fodder sufficient everywhere except at Dulai station. Small-pox among cattle prevailing in Kamarkhund outpost, Sirajganj subdivision.
	25	Darjeeling	„ 2, 92	0·45	Weather—fair. General rain in the district, but more is needed in the Terai. Ploughing of land for jute and *bhadoi* going on. Wheat and barley being harvested.
	26	Julpaiguri	„ 2, '92	0·53	Weather—nights and mornings cool, days hot. The small rainfall has done some good to *bhadoi* and jute sowings, but more rain is urgently wanted. Common rice selling at from 8 to 11 seers per rupee. Fodder sufficient. No cattle-disease.
BIHAR.					
BHÁGALPUR DIVN.	27	Monghyr	„ 2, '92	Nil	Weather—days hot, nights agreeable. Twelve annas outturn of *rabi* and oilseeds in Begusarai is expected, while annas 6 and 4 respectively in Jamui, where mangoes and *mahua* have to some extent been damaged by westerly wind. Lack of fodder in Jamui and Nawadi, and in some places want of water is felt. Common rice 11 seers per rupee and Indian corn 20 seers in the two subdivisions. At Sadar common rice selling at 10¼ seers per rupee.
	28	Bhágalpur	„ 2, '92	0·57	Rain on 27th March. Wind easterly. Heat seasonable. Harvesting of *rabi* crops going on. Rain of 27th has done good to ploughing for *bhadoi* sowings. Wheat crop about 4 annas. Water low. Fodder getting scarce. Common rice 11 seers 6 chitaks per rupee.
	29	Purnea Kishanganj Araria	„ 2, '92	0·17 Nil Nil	The rain was in parts nearly half an inch. It is now blowing hard from the east with some clouds. Ploughing continues. A slight fall of rain under half an inch did some good, but more is urgently necessary. No cattle-disease or want of fodder. Prices of common rice:— Srs. Sadar ... ... 11 to 12¼ } Kishanganj ... ... 10 } per rupee. Araria ... ... 12 }
	30	Malda Chanchal Gajol Shibganj	„ 2, '92	0·97 0·45 0·25 0·13	Weather—seasonably hot. Rainfall of 28th March was general. It has done much good to mango crop and *boro* paddy, and has facilitated ploughing for *bhadoi* crops. Fodder and water becoming scarcer. Condition of cattle good. Coarse rice sells at from 11 to 13 seers per rupee.
	31	Sontal Parganas	„ 2, 92	Nil	Weather—hot. Slight rain in Rajmahal. Winds generally westerly. *Mahua* turning out badly in Deoghur. Mangoes suffering from drought. *Rabi* harvest complete in Pakur. Wheat 8 annas. Cattle-disease reported from Godda. Prices of rice and wheat:— Srs. Rice ... ... 10 to 14 } per rupee. Wheat ... ... 14 } Water-supply running short and fodder getting scarce.

No.	District and d... return.
BEHAR—concld.	
PATNA DIVISION 32	Patna
33	Gaya Nawáda Aurangabad Jahánabad
34	Shahabad Buxar Bhabhua Sasarám
35	Darbhanga
36	Muzaffarpur Hajipur Sitamarhi
37	Saran
38	Champaran
ORISSA.	
ORISSA DIVN. 39	Cuttack
40	Puri
41	Balasore
CHOTA NAGPUR	
South-West Frontier Ag...	
CHOTA NAGPUR DIVN. 42	Hazáribágh Giridi
43	Lohardaga
44	Palámau
45	Singhbhum
46	Manbhum Gobindpur

CALCUTTA; REVEN...
The 2nd April, 18...

PRICES ... 1st March, 1892.

Number.	DISTRICTS	Wheat: Present return		Wheat: Next preceding return.		Wheat: Corresponding return ...	Salt: Next preceding return. (...SALE PRICES ...MAUND OF 40 SEERS.)			Salt: Corresponding return of last year.			DISTRICTS.	Number.
		S	Ch	S	Ch	S.	Rs.	A.	P.	Rs.	A.	P.		
BENGAL													**BENGAL.**	
BURDWAN DIVISION 1	Burdwan	11	8	11	8	10	3	6	8	3	8	3	Burdwan.	1 BURDWAN DIVISION.
2	Bankura	11	4	11	4	15	3	9	6	3	11	0	Bankura.	2
3	Birbhum	10	8	10	8	13	3	10	0	3	10	0	Birbhum.	3
4	Midnapur	11	0	11	0	10	3	8	0	3	13	0	Midnapore.	4
5	Hooghly	13	0	13	0	13	3	12	0	3	9	0	Hooghly.	5
6	Howrah	..		..			3	6	0	3	8	0	Howrah.	6
PRESIDENCY DIVISION	Calcutta	11	5	11	2	11		5	0	3	6	0	Calcutta.	PRESIDENCY DIVISION.
7	24 Parganas	11	4	10	8	10		4	6	3	6	0	24-Parganas.	7
8	Nadia	12	3	12	1	13		8	0	3	12	0	Nadia.	8
9	Khulna	..						12	0	4	0	0	Khulna.	9
10	Jessore	10	8	10	0	11		10	0	3	14	0	Jessore.	10
11	Murshidabad ...	12	0	12	0	11		12	0	3	10	0	Murshidabad.	11
CHITTAGONG DIVISION 12	Chittagong	9	4	9	4	1..		8	0	3	14	0	Chittagong.	12 CHITTAGONG DIVISION.
13	Noakhali							12	0	4	0	0	Noakhali.	13
14	Tippera	10	0	10	0	1..		12	0	4	0	0	Tippera.	14
15	Chittagong Hill Tracts							0	0	4	8	0	Chittagong Hill Tracts.	15
DACCA DIVISION 16	Dacca		..	10	8	1		8	0	4	0	0	Dacca.	16 DACCA DIVISION.
17	Faridpur	..	..	10	0	1		0	0	4	0	0	Faridpur.	17
18	Backergunge							10	0	3	11	0	Backergunge.	18
19	Mymensingh	10	0	10	0	1..		10	0	4	2	0	Mymensingh.	19
RAJSHAHI DIVISION 20	Dinajpur	..	..	10	13			14	0	4	0	0	Dinajpur.	20 RAJSHAHI DIVISION.
21	Rajshahi	1..	12	13	8	1		10	8	3	13	4	Rajshahi	21
22	Rangpur	..	1	9	0	1		0	0	4	12	0	Rangpur.	22

A In subdivisions retail prices of salt per rup...
B At Vishnupur retail price of salt, 10 seers ...
C At Ramjiban Hat retail price of salt, 10 se...
D At Ghatal retail price of salt 11 seers per ... 9 seers.
E In subdivisions retail prices of salt per rup... rs, and Narayanganj 10¾ seers.
F In subdivisions retail prices of salt ... seers.
Harbour (at Maijdi?) 10 seers 10 ch... d Bhola 8 seers.
G In subdivisions retail prices of salt per ... rs, Jamalpur 10 seers, Sherpur 8 seers, and 10½ seers.
H In subdivisions retail prices of salt per rupe...
I In subdivisions retail prices of salt per rupe... hitaks.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the Head-quarters

	Number.	DISTRICTS.	QUANTITIES PER RUPEE IN														
			WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLUM. (*Sorghum Vulgare.*)		
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
BENGAL—*continued.*			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
RAJSHAHI DIVISION—*contd.*	23	Bogra ...	8 7	8 10	15 0	...	...	...	9 12	10 8	12 0	13 2	13 8	17 4	...	...	...
	24	Pabna ..	13 8	13 8	18 12	...	...	...	7 8	7 8	7 2	13 8	13 8	15 0	...	...	...
	25	Darjeeling ..	8 0	8 0	8 0	8 0	9 0	10 0	5 0	5 0	5 0	10 0	10 0	13 0	...	...	...
	26	Jalpaiguri	10 0	10 0	11 0	15 0	14 8	16 0	7 0	7 0	8 0	11 8	11 0	16 0	...	...	...
BIHAR.																	
BHAGALPUR DIVISION.	27	Monghyr ...	13 14	11 2	15 12	18 14	19 15	23 1	8 14	8 6	10 8	10 8	11 0	13 10	15 12	15 12	18 14
	28	Bhágalpur ...	13 4	12 10	15 7	18 15	20 3	20 3	Old. 8 13 New. 10 1	Old. 8 13 New. 10 1	13 4	Old. 10 1 New. 11 6	Old. 10 1 New. 11 6	15 12	...	...	...
	29	Purnea ...	11 0	11 0	14 0	18 0	...	...	10 0	10 0	16 0	11 0	11 0	18 0	...	...	...
	30	Malda ...	13 8	13 0	16 0	...	...	...	10 0	10 0	11 0	11 0	12 0	16 0	...	...	...
	31	Sonthal Parganas.	11 0	11 0	12 0	...	...	...	10 0	11 0	14 0	12 8	13 0	17 0	...	...	...
PATNA DIVISION.	32	Patna ...	Red. 15 0 White. 13 8	Red. 15 0 White. 13 8	Red. 15 4 White. 12 6	22 0	22 0	23 0	10 8	10 8	11 0	14 0	14 0	18 0	22 0	22 0	15 8
	33	Gaya ...	13 0	13 4	14 0	19 0	19 0	22 0	10 4	10 8	10 0	12 0	12 0	16 0	...	...	...
	34	Shahabad ...	12 8	12 8	11 8	22 0	20 0	21 0	8 0	8 0	9 0	12 0	11 8	15 8	...	...	...
	35	Darbhanga ...	13 3	12 1	14 0	19 12	19 12	24 0	9 14	11 8	11 0	12 1	12 1	14 0	...	...	...
	36	Muzaffarpur	12 0	12 0	13 0	22 0	22 0	24 0	11 0	11 0	10 0	12 0	12 0	14 0	...	...	...
	37	Saran ...	13 0	12 8	15 0	20 0	24 0	21 0	8 8	8 8	8 8	11 8	12 8	15 0	...	...	...
	38	Champaran ...	Old. 10 8 New. 12 0	10 4	14 0	Old. 20 0 New. 21 0	20 8	24 8	9 0	8 8	9 0	13 0	13 8	16 0	...	...	...
ORISSA.																	
ORISSA DIVISION.	39	Cuttack ...	10 8	9 3	13 2	...	...	...	9 3	9 3	10 8	14 0	11 2	18 6	...	...	...
	40	Puri ...	10 8	9 3	14 7	...	...	...	11 13	9 6	14 7	13 7	14 7	21 0	...	...	...
	41	Balasore* ...	..	11 0	15 0	...	10 0	13 0	...	12 0	13 0	...	15 0	21 0	...	...	...
CHOTA NAGPUR.																	
CHOTA NAGPUR DIVISION.	42	Hazáribágh ..	12 0	12 0	12 8	13 0	13 0	19 0	8 0	8 0	10 0	14 0	13 8	17 0	...	...	...
	43	Lohardaga ...	Red. 11 0 White. 7 0	Red. 10 0 White. 7 8	Red. 12 1 White. 7 8	12 0	13 0	20 0	12 0	12 0	14 8	Ordinary. 14 0 Coarse. 15 0	Ordinary. 14 0 Coarse. 16 0	Ordinary. 15 0 Coarse. 17 8	...	...	...
	44	Palámau ...	14 10	10 2	16 14	20 4	16 8	23 10	12 6	12 8	11 4	14 1	14 1	14 10	...	...	...
	45	Singhbhum ...	15 0	14 0	16 0	10 0	10 0	13 0	14 0	14 0	14 0	16 0	16 0	18 0	...	...	...
	46	Manbhum	11 0	11 0	11 8	24 0	...		12 8	13 0	13 0	17 8	17 0	20 8	...	...	...

* Present return not received.

U At Sirajganj retail price of salt, 11½ seers per rupee.
V Retail price of salt at Kurseong and Siliguri, 8 seers per rupee.
W At Falakata in Alipur subdivision retail price of salt, 8½ seers per rupee.
X In subdivisions retail prices of salt per rupee are :—Begusarai 9½ seers and Jamui 10 seers.
Y In subdivisions retail prices of salt per rupee are :—Banka (at Amarpur) 10 seers, Madhipura 10 seers, and Supaul 9 seers.
Z At Kishanganj retail price of salt, 8 seers per rupee.
a In subdivisions retail prices of salt per rupee are :—Deoghur 10 seers 10 chitaks, Godda 9 seers, Jamtara 10 seers, Pakur 10½ seers, and Rajmahal 11 seers.

CALCUTTA,
The 5th April. 1892.

SEERS OF 80 TOLAHS.

Bajra or Cumbu. (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.	Marua or Ragi. (*Eleusine Corocana.*) Present return.	Next preceding return.	Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch	S. Ch.
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	10 0	11 0	13 0
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	21 0
...	...	...	...	...	...
...	...	...	...	...	...
15 0	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	18 11	18 11	27 0
...	...	...	...	...	25 0
...	...	...	20 0	20 0	22 0
...	...	...	...	22 0	25 0
...	...	...	...	...	...
..	...	...	...	...	...
...	...	...	...	...	...
...	...	...	25 0	24 0	27 0
...	...	...	30 0	32 0	34 0
...	...	...	...	16 8	...
...	...	...	...	...	...
...	...	...	...	...	...

of Bengal on the 31st March, 1892—(**concluded**).

Firewood. Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Next preceding return.	Corresponding return of last year.	Districts.	Number.
h.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
									BENGAL—*continued.*	
0	90 0	90 0	9 12	9 9	9 0	3 13 4	3 13 4	4 0 0	Bogra.	23
0	200 0	200 0	U 9 12	9 12	8 15	3 12 0	3 12 0	3 14 0	Pabna.	24
0	120 0	120 0	V 8 0	8 0	8 0	5 0 0	5 0 0	5 0 0	Darjeeling.	25
0	200 0	200 0	W 10 0	10 0	9 0	4 0 0	4 0 0	4 4 0	Jalpaiguri.	26
									Rajshahi Division—contd.	
									BIHAR.	
)	189 0	147 0	X 10 12	10 8	10 8	3 8 0	3 8 6	3 10 0	Monghyr.	27
)	164 4	164 0	Y 10 11	10 11	10 8	3 12 0	3 12 0	3 12 0	Bhágalpur.	28
	90 0	115 0	Z 10 0	10 0	9 0	4 0 0	4 0 0	4 3 4	Purnea.	29
)	120 0	120 0	10 0	10 0	9 8	3 10 0	3 10 0	4 0 0	Malda.	30
)	200 0	200 0	a 9 0	9 0	9 0	4 0 0	4 0 0	4 0 0	Sonthal Parganas.	31
									Bhágalpur Division.	
)	120 0	120 0	b 11 8	11 8	11 0	3 8 0	3 8 0	3 9 9	Patna.	32
	160 0	110 0	10 0	10	10 0	3 14 0	3 14 0	4 2 0	Gaya.	33
	160 0	160 0	c 10 8	10 0	10 8	...	4 0 0	3 11 3	Shahabad.	34
	160 0	160 0	d 11 0	11 0	11 0	3 6 0	3 6 0	3 8 0	Darbhanga.	35
	160 0	160 0	e 11 0	11 0	11 0	3 10 0	3 10 0	3 11 0	Muzaffarpur.	36
	160 0	160 0	f 10	10 8	10 0	3 12 0	3 12 0	3 14 0	Saran.	37
	160 0	160 0	g 10 12	10 8	10 0	3 11 6	3 12 0	3 13 0	Champaran.	38
									Patna Division.	
									ORISSA.	
	80 0	80 0	h 11 0	11 0	11 0	3 12 0	3 12 0	3 12 0	Cuttack.	39
	80 0	80 0	12 0	11 13	9 13	3 4 0	3 5 0	3 12 0	Puri.	40
	140 0	160 0	...	10 8	10 0	...	3 14 0	3 14 0	Balasore.	41
									Orissa Division.	
									CHOTA NAGPUR.	
	240 (	240 0	i 9 0	9 0	9 0	4 0 0	4 0 0	4 0 0	Hazáribágh.	42
	150 0	150 0	9 8	9 8	9 8	4 0 0	4 0 0	4 2 0	Lohardaga.	43
	160 0	200 0	9 0	9 0	9 0	4 3 0	4 3 0	4 6 0	Palámau.	44
	200 0	200 0	10 10	10 10	9 11	3 12 0	3 12 0	3 14 0	Singhbhum.	45
	...	...	j 9 0	9 0	9 0	No wholesale.			Manbhum.	46
									Chota Nagpur Division.	

lo are :—Barh 11 seers 6 chitaks, Bihár 9¾ seers, and Dinapore 10 seers.
o are :—Buxar 10½ seers, Sasarám 10½ seers, and Bhabhua 9¼ seers.
so are —Madhubani 11 seers and Samastipur 10 seers .
p are :—Hajipur 10¼ seers and Sitamarhi 10½ seers.
p are :—Siwán 11¼ seers and Gopalganj 10 seers.
r rupee.
p are :—Jajpur 8 seers, Kendrapara 9 seers, and Banki 12 seers.
, 10½ seers per rupee.
er rupee.

Published for general information.

C. E. BUCKLAND,

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARTS.	Wheat.			Barley.			Rice, best sort.			Rice, common.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 4 4	3 5 5	3 4 8	2 5 4	2 4 3	2 2 0	4 9 4	4 10 0	3 15 11	3 4 1	3 2 7	2 10 0
2	Sirajganj ...	3 0 0	3 8 0	2 6 0	...	...	...	5 4 0	5 4 0	4 12 0	3 0 0	3 1 0	2 13 0
3	Dacca ...	3 10 0	3 12 0	3 12 0	...	1 9 0	2 12 0	3 10 0	3 4 0	2 10 0	2 12 0	2 10 0	2 4 0
4	Narayanganj	...	...	...	...	...	...	3 0 0	3 0 0	2 10 0	2 10 0	2 10 0	2 8 0
5	Chittagong	4 2 0	4 2 0	3 4 0	...	...	...	4 4 0	4 4 0	3 3 0	3 3 0	3 3 0	2 6 6
6	Patna ..	2 10 0 2 15 3	Red. 2 10 6 White. 2 15 3	2 10 0 3 3 8	1 13 0	1 13 0	1 11 6	3 13 0	3 13 0	3 9 9	2 13 8	2 13 8	2 3 6
7	Balasore* ...		3 12 0	2 12 0		3 12 0	3 0 0		3 4 0	3 0 0		2 8 0	1 12 0
8	Puri ...	3 12 9	4 6 0	...	...	...	...	3 6 0	4 9 0	...	2 15 0	2 15 0	1 14 3
9	Cuttack ...	3 10 0	4 4 0	3 0 0	...	...	...	4 4 0	4 4 0	3 10 0	2 14 0	3 8 0	2 2 0

* Present return not received.

CALCUTTA,
The 5th April 1892.

PRICES PER MAUND

Jowar or Cholum. (*Sorghum Vulgare.*)			Bajra or Cumbu. (*Pennisetum typhoideum.*)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
2 4 9	2 3 6	2 0 5	2 8 0	2 12 0	3 8 0
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
1 13 0	1 13 0	2 8 9	2 10 0	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...

Bengal on the 31*st March,* 1892.

Maize.	Arhar or Thur, Cadjan Pea. (*Cajanus indicus.*)			Firewood.			Salt.			Marts.
Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
...	2 4 7	2 5 3	2 4 7	0 5 10	0 5 9	0 5 6	3 6 0	3 5 0	3 6 0	Calcutta.
...	...	...	...	0 7 0	0 7 0	0 6 6	3 8 0	3 5 0	3 12 0	Sirajganj
...	...	2 13 0	2 12 0	0 5 0	0 5 0	0 3 0	3 8 0	3 8 0	4 0 0	Dacca.
...	3 8 0	3 8 0	3 12 0	0 8 0	0 8 0	0 8 0	3 8 0	3 6 0	3 10 0	Narayanganj.
...	...	...	...	0 5 0	0 5 0	0 5 0	3 8 0	3 8 0	3 14 0	Chittagong.
2 1 6	1 14 5	1 14 5	...	0 5 4	0 5 4	0 5 4	3 8 0	3 8 0	3 9 9	Patna.
...	...	...	...		0 5 0	0 4 6		3 14 0	3 14 0	Balasore.
...	2 13 6	2 8 6	...	0 8 0	0 8 0	...	3 4 0	3 5 0	3 12 0	Puri.
...	2 2 0	2 2 0	1 11 0	0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 12 0	Cuttack.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS.													
			Air pressure.			Wind.		Temperature.								
			Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Puri	Puri ...	29·803	29·752	—	SW	511	87·7	27th Mar.	70·1	29th Mar.	86·3	77·7	82·1	—	81·1
		Gopalpore* ...	29·771	29·732	—·062	SSW	684	87·7	1st Apl. 27th Mar.	77·8	27 to 29 ,,	87·1	78·1	82·6	+2·4	80·6
		False Point ...	29·813	29·776	—·049	SWly	432	88·5	27, 30, 31 Mar.	78·2	29th ,,	87·9	79·0*	83·5*	+0·7	82·1
	Cuttack	Cuttack ...	29·721	29·743	—·068	S	181	106·4	28th ,,	78·4	28th ,,	100·8	80·3	90·5	+2·6	84·4
	Balasore	Balasore ...	29·726	29·729	—·089	SSW	327	101·5	29th ,,	77·7	28 & 29 ,,	98·8	79·2	89·0	+6·1	83·5
South-West Bengal.	South-West Midnapore } South 24-Parganas ... }	Saugor Island	29·787	29·756	—·061	S	600	88·7	27, 28, 30,, 2nd Apl.	80·0	27th ,,	88·5	80·6	84·6	+1·2	82·5
	Midnapore	Midnapore ...	29·634	29·729	—·084	S	334	103·4	27, 29, 30 Mar. 2nd Apl.	76·0	29th ,,	102·2	78·0	90·1	+4·9	83·8
	24-Parganas ... } Howrah ... } Hooghly ... }	Calcutta ...	29·767	29·734	—·077	SSW	281	93·1	27th Mar.	75·7	27th ,,	92·1	78·6	85·4	+2·0	82·8
	Burdwan	Burdwan ...	29·677	29·722	—·084	Sly	242	103·5	29th ,,	77·0	27th ,,	101·0	78·8	90·0	+4·4	82·5
	Bankura	Bankura ...	29·437	29·684	—·102	S	130	107·6	29th ,,	75·6	28, 29 ,,	105·4	76·9	91·2	?	80·6
	Birbhum ... } West Burdwan ... }	Raniganj* ..	29·420?	29·714	—·104	SSW	95*	106·9	31st ,,	74·9	29th ,,	104·7	77·1	90·9	+5·8	80·7
	Murshidabad	Berhampore ..	29·691	29·707	—·094	S	212	104·7	29th ,,	76·3	27th ,,	100·6	78·6	89·6	+5·3	81·6
	Nadia	Krishnagar ...	29·726	29·722	—·068	Sly	317	100·4	29th ,,	75·8	27th ,,	98·3	78·8	88·6	+6·6	82·8
	Jessore ... } Khulna ... }	Jessore ...	29·768	29·748	—·067	SSE	165	96·7	1st Apl.	72·4	31st ,,	94·8	76·6	85·7	+1·6	81·8
East Bengal.	Chittagong	Chittagong ...	29·809	29·813	—·027	SSE	234	89·2	1st ,,	73·1	2nd Apl.	88·1	75·1	81·6	+2·7	79·8
	Chittagong Hill Tracts	Demagiri ...						Observations not received.								
	Backergunge	Barisal ..	29·827	29·784	—·044	SSE	251	90·3	27 & 28 Mar.	70·9	27th Mar.	88·4	77·7	83·1	+3·7	81·7
	Noakhali	Noakhali ...	29·814	29·804	—·018	Sly	247	87·7	30th ,,	77·8	27th ,,	86·9	78·6	82·8	+4·6	82·1
	Faridpur	Faridpur ...	29·776	29·763	—·065	Sly	308	94·5	30th ,,	70·4	28th ,,	93·0	75·6	84·3	+4·2	81·4
	Dacca	Dacca ...	29·792	29·762	—·064	S	377	94·6	1st Apl. 28th Mar.	66·7	29th ,,	92·4	74·5	83·4	+1·2	80·8
	Tippera	Comilla ...	29·822	29·805	—·030	S	242	92·3	27th ,,	65·4	28th ,,	89·6	73·9	81·8	+2·6	79·6
	Mymensingh	Mymensingh	29·753	29·763	—·068	SEly	200	92·9	1st Apl.	65·7	28th ,,	90·5	72·8	81·6	+4·0	76·2
North Bengal.	Bogra	Bogra ..	29·701	29·715	—·065	ESE	136	97·3	30th Mar., 1st Apl.	64·2	28th ,,	93·7	73·1	83·4	+3·5	78·6
	Pabna	Sirajganj ...	29·733	29·729	—·083	Sly	171	97·3	30th Mar.	65·7	28th ,,	95·0	73·8	84·4	+3·9	78·9
	Rajshahi	Rampur Beaulia.	29·688	29·708	—·080	Sly	258	96·8	1st Apl.	69·9	28th ,,	95·0	76·3	85·7	+4·6	80·8
	Malda	Malda ...	29·674	29·706	—	SE	90	101·2	1st ,,	68·2	28th ,,	97·8	74·4	86·1	—	81·9
	Dinajpur	Dinajpur ...	29·610	29·713	—·108?	ENE	77	98·6	1st ,,	67·3	28th ,,	92·6	72·6	82·6	+3·0	76·6
	Rangpur	Rangpur ..	29·666	29·714	—·057	E	103	93·6	30th Mar.	66·9	28th ,,	87·7	72·0	79·9	+2·4	75·5
	Jalpaiguri ... } Kuch Bihar ... }	Jalpaiguri ...	29·511	29·752	—·050	SE	154	91·4	31st ,,	67·1	28th ,,	87·7	69·7	78·7	+4·0	74·7
	Darjeeling Hill Tracts...	Darjeeling ...	22·905	—	—·059	SWly	302	60·4	2nd Apl.	46·9	28th ,,	57·7	48·6	53·2	+1·3	53·0
North Bihar.	Purnea ... } North Bhágalpur ... }	Purnea ...	29·610	29·719	—·076	ENE	56	101·8	1st ,,	64·3	31st ,,	96·8	68·9	82·8	+2·2	76·7
	Muzaffarpur	Muzaffarpur	29·557	29·694	—	ESE	166	100·9	31st Mar.	63·8	1st Apl.	97·6	68·9	83·3	—	75·2
	Darbhanga	Darbhanga*	29·597	29·719	—·075	Ely	121	99·0	1st Apl.	62·5	31st Mar.	94·1	67·0	80·5	+0·1	75·5
	Champaran	Motihari ...	29·512	29·695	—·082	Ely	173	100·2	31st Mar. & 1st Apl.	60·8	31st ,,	97·1	66·0	81·5	+2·8	75·7
	Saran	Chapra ...	29·546	29·652	—·083	Ely	132	103·3	31st Mar.	67·6	2nd Apl.	101·4	70·2	85·8	+4·8	78·5
South Bihar.	Shahabad	Dehri ...	29·383	29·683	—·101	Variable	193	106·1	27th ,,	69·0	31st Mar.	104·8	72·2*	88·5	+5·6	87·2
		Buxar ...	29·191	29·685	—·103	Wly	130	102·9	27th ,,	68·3	2nd Apl.	101·3	71·7	86·4	+4·4	79·9
		Arrah ...	29·534	29·677	—·090	Variable	93	103·7	2nd Apl.	68·0	2nd ,,	102·8	71·6	87·2	+5·0	80·1
	Gaya	Gaya ...	29·353	29·679	—·116	SWly	170	105·1	27th Mar.	71·2	31st Mar.	104·4	75·2	89·8	+4·0	83·4
	Patna	Bankipore ..	29·556	29·691	—·100	E	122	100·5	31st ,,	68·8	28, 31 ,,	98·5	71·0	84·8	+1·3	81·8
	South Bhagalpur ... } Monghyr ... }	Bhágalpur ...	29·573	29·688	—·095	Variable	43	100·8	31st ,,	68·5	31st ,,	97·4	71·3	84·4	+3·0	70·8
	Sonthal Parganas ...	Dumka* ...	29·239	29·682	—·093	Sly	133	105·2	29, 31st ,,	75·3	31st ,,	103·2	70·9	90·1	+6·7	83·4
Chota Nagpur.	Hazáribágh	Hazáribágh ...	27·758	29·676	—·093	SWly	264	101·8	27th ,,	70·2	27th ,,	100·8	72·4	86·6	+5·1	84·3
	Lohardaga ... } Manbhum ... }	Ranchi ...	27·615	29·670	—·084	Calm & Wly.	310	101·1	28th ,,	69·7	27th ,,	100·5	72·2	86·3	+5·8	85·3
	Singhbhum	Chaibassa ...	28·079	29·681	—·107	SWly	42	108·1	29th ,,	73·2	28th ,,	106·4	75·6	91·0	+4·3	82·9

* Mean of 6 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last

The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 2nd of April 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	DISTRICT OBSERVATIONS. Of week. Mean for district.	Of week. Normal mean.	Rainfall. Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 1st April 1892. Mean for district.	Since 1st April 1892. Normal mean.	Since 1st April 1892. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
88	6·1	Nil	Nil	0·11	Nil	0·05	—0·05	Nil	0·05	—0·05	0·00	0·15	Puri ...	Puri	Orissa.
89	0	Nil											Gopalpore ...		
86	7·1	Nil											False Point ...		
75	5·6	Nil	Nil	0·16	Nil	0·10	—0·10	Nil	0·10	—0·10	0·00	0·34	Cuttack ...	Cuttack	
75	2·7	Nil	Nil	0·23	Nil	0·16	—0·16	Nil	0·16	—0·16	0·00	0·42	Balasore ...	Balasore	
82	7·0	Nil	Nil	0·09	Nil	0·07	—0·07	Nil	0·07	—0·07	0·00	0·22	Saugor Island ...	South-West Midnapore South 24-Pargana ...	South-West Bengal.
74	0·9	Nil	Nil	0·12	Nil	0 07	—0·07	Nil	0·07	—0·07	0·00	0·32	Midnapore ...	Midnapore	
78	7·1	Nil	Nil	0·28	Nil	0·16	—0·16	Nil	0·16	—0·16	0·00	0·44	Calcutta ...	24-Parganas ... Howrah ... ... Hooghly	
73	4·0	Nil	Nil	0·28	Nil	0·17	—0 17	Nil	0·17	—0·17	0·00	0·48	Burdwan ...	Burdwan	
80	1·1	Nil	Nil	0·05	Nil	0·04	—0·04	Nil	0·04	—0·04	0·00	0 14	Bankura ...	Bankura	
79	0·3	Nil	Nil	0·18	Nil	0·12	—0·12	Nil	0·12	—0·12	0·00	0·26	Raniganj ...	Birbhum ... ... West Burdwan ...	
81	4·6	Nil	0·28	0·24	Nil	0·13	—0·13	Nil	0·13	—0·13	0·67	0·40	Berhampore ...	Murshidabad ...	
75	5·6	Nil	0 04	0·45	Nil	0·31	—0·31	Nil	0 31	—0 31	0·20	0·67	Krishnagar ..	Nadia	
80	9·1	Nil	0·11	0·43	0·10	0·29	—0 19	0·10	0 29	—0·19	0·38	0·67	Jessore ...	Jessore ... ... Khulna	
78	5·1	0·05	0·02	0·18	Nil	0·11	—0·11	Nil	0·11	—0·11	0·00	0·39	Chittagong ...	Chittagong	East Bengal.
			0·42	0·61	Nil	0·38	—0 38	Nil	0·38	—0·38	1·00	0·95	Demagiri ...	Chittagong Hill Tracts	
80	6·4	Nil	Nil	0 28	Nil	0·20	—0·20	Nil	0 20	—0 20	0·00	0·35	Barisal ...	Backergunge	
89	3·0	drops	0·52	0·50	Nil	0·33	—0·33	Nil	0·33	—0·33	0·50	0·73	Noakhali ...	Noakhali	
85	5·3	0·66		0·43		0·26			0·26			0·77	Faridpur ...	Faridpur	
83	7·1	1·50	1·36	0·57	0·27	0 34	—0·07	0·27	0·34	—0·07	1·75	0·83	Dacca ...	Dacca	
84	6·1	1·19	0·83	0·59	0·01	0·28	—0·27	0·01	0·28	—0·27	1·00	0·79	Comilla ...	Tippera	
91	8·9	1 32	2·21	0·40	0·09	0·20	—0·11	0·09	0·20	—0·11	2·40	0·87	Mymensingh ...	Mymonsingh	
86	5·0	1·20	1·20	0·12	Nil	0·06	—0·06	Nil	0·06	—0·06	1·00	0·25	Bogra ...	Bogra	North Bengal.
89	7·3	1·06	0·65	0·49	Nil	0·26	—0·26	Nil	0·26	—0·26	1·00	0·77	Sirajganj ...	Pabna	
83	4·4	1·10	1·12	0·25	Nil	0·16	—0·16	Nil	0 16	0·16	1·00	0·32	Rampur Boalia .	Rajshahi	
81	4·3	0·97	0·71	0·07	Nil	0·03	—0·03	Nil	0·03	—0·03	1·00	0·20	Malda ...	Malda	
87	8·0	1·10	0·06	0·07	Nil	0·05	—0·05	Nil	0 05	—0·05	1·00	0 14	Dinajpur ...	Dinajpur	
89	2·0	3·70	2·88	0·38	Nil	0·13	—0·13	Nil	0 13	—0·13	1·50	0·57	Rangpur ...	Rangpur	
80	3·4	0·00	1·75	0·54	0·58	0·23	+0·35	0·58	0·23	+0 35	1·60	0·68	Jalpaiguri ...	Jalpaiguri ... ... Kuch Bihar	
83	5·4	0·45	0·74	0·58	0·13	0 25	—0·12	0·13	0 25	—0·12	1·50	0·97	Darjeeling ...	Darjeeling Hill Tracts	
80	3·4	0·17	0·52	0·11	Nil	0·06	—0·06	Nil	0 06	—0 06	1·00	0·24	Purnea ...	Purnea ... ... North Bhagalpur ...	North Bihár.
69	1·4	Nil	Nil	0·05	Nil	0·03	—0·03	Nil	0·03	—0·03	0·00	0·16	Muzaffarpur ...	Muzaffarpur	
74	1·7	0·03	0·14	0·03	Nil	0·01	—0·01	Nil	0·01	—0·01	0·33	0·14	Darbhanga ...	Darbhanga	
63	3·4	Nil	Nil	0·12	Nil	0·07	—0·07	Nil	0·07	—0·07	0·00	0·26	Motihari ...	Champaran	
55	0	Nil	Nil	0·01	Nil	Nil	Nil	Nil	Nil	Nil	0·00	0·07	Chapra ...	Saran	
20	0	Nil											Dehri ...		South Bihár.
34	0·3	Nil	Nil	0·07	Nil	0·06	—0·06	Nil	0·06	—0·06	0·03	0·16	Buxar ...	Shahabad	
48	0	Nil											Arrah ...		
48	2·9	Nil	Nil	0·06	Nil	0·03	—0·03	Nil	0·03	—0·03	0·00	0·16	Gaya ...	Gaya	
51	0·6	Nil	Nil	0·04	Nil	0·02	—0·02	Nil	0 02	—0·02	0·00	0·13	Bankipore ...	Patna	
71	3·9	0·57	0·11	0·06	Nil	0·03	—0·03	Nil	0·03	—0·03	0·20	0·15	Bhagalpur ...	South Bhágalpur ... Monghyr	
68	0	Nil	0·13	0·08	Nil	0·04	—0·04	Nil	0·04	—0·04	0·50	0·22	Dumka ...	Sonthal Parganas ...	
16*	0·7	Nil	Nil*	0·03	Nil	0·02	—0·02	Nil	0 02	—0·02	0·00	0·12	Hazáribágh ...	Hazáribágh	Chota Nagpur.
82	0	Nil	Nil Nil	0·08 0·10	Nil Nil	0·05 0·06	—0·05 —0·06	Nil Nil	0·05 0·06	—0·05 —0·06	0·00 0·00	0·20 0·26	Ranchi ...	Lohardaga ... ... Manbhum	
67	0	Nil	Nil	0·13	Nil	0·10	—0·10	Nil	0·10	—0·10	0·00	0·25	Chaibassa ...	Singhbhum	

ten years. The variations are *negative* when the mean of the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean past ten years. The means of the district are the numerical average of the rainfall return received in the district, *i.e.*, from total rainfall at the sub-divisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 2nd of April 1892.

Meteorological division.	District.	Station.	Rainfall.							Total—			Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
			Sunday, 27th March.	Monday, 28th March.	Tuesday, 29th March.	Wednesday, 30th March.	Thursday, 31st March.	Friday, 1st April.	Saturday, 2nd April.	Number of rainy days.	Rainfall of week.	Average normal rainfall of week.				
ORISSA ...	Puri ...	Puri ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·06	Nil	0·06
		Khurda ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·09	Nil	0·09
		Banpur ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	Nil	Nil
		False Point ..	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·06	Nil	0·06
		Gop ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Satpara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pipli .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Cuttack	Jagatsingporo	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·05	Nil	0·05
		Banki ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	Nil	Nil	Nil
		Cuttack ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·10	Nil	0·10
		Kendrapara ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·12	Nil	0·12
		Jajpur ...	......	......	......	......	......	......	......	Nil	Nil	0·37	Nil	0·23	Nil	0·23
		Dharmsala ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Salipore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Balasore ..	*Akhyapada* ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Chandbali ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·26	Nil	0·26
		Bhadrak ...	......	......	......	......	......	......	......	Nil	Nil	0·38	Nil	0·27	Nil	0·27
		Sorah ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·09	Nil	0·09
		Balasore ..	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·14	Nil	0·14
		Jellasore ..	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·14	Nil	0·14
		Baripodah ..	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·08	Nil	0·08
SOUTH-WEST BENGAL.	Midnapore ..	Contai ..	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·11	Nil	0·11
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·05	Nil	0·05
		Tamluk ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·11	Nil	0·11
		Midnapore ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·07	Nil	0·07
		Ghatál ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·03	Nil	0·03
		Kukrahaty ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Garhbeta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	24-Parganas ...	Diamond Harbour ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·05	Nil	0·05
		Canning Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Alipore Jail ..	......	......	......	......	......	......	......	Nil	Nil	0·36	Nil	0·26	Nil	0·26
		Barrackpore...	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·13	Nil	0·13
		Dum-Dum ...	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·16	Nil	0·16
		Barasat ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·14	Nil	0·14
		Basirhat ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·01	Nil	0·01
	Howrah ...	Howrah ..	......	......	......	......	......	......	......	Nil	Nil	0·48	Nil	0·28	Nil	0·28
		Mohesreka ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·04	Nil	0·04
		Uluharia ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Hooghly ..	Serampore ...	......	......	......	......	......	......	......	Nil	Nil	0·43	Nil	0·19	Nil	0·19
		Hooghly ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·18	Nil	0·18
		Jahánabad ..	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·25	Nil	0·25
	Burdwan ...	Kalna ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·18	Nil	0·18
		Burdwan ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·15	Nil	0·15
		Katwa ...	......	......	......	......	......	......	......	Nil	Nil	0·37	Nil	0·19	Nil	0·19
		Raniganj ..	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·06	Nil	0·06
		Mankur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Bankura ...	Bankura ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·12	Nil	0·12
		Bishenpore ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·03	Nil	0·03
		Maliara ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	Nil	Nil
		Khatra ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	Nil	Nil
		Indas ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Kotalpore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Anda ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Gangajalghati	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Raipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sonamukhi ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Birbhum ...	Bh. Suri ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·08	Nil	0·08
		Hetampore ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·04	Nil	0·04
		Rampur Hát...	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·30	Nil	0·30
		Bolpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Murari ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Nadia ...	Ranaghat ..	......	......	......	......	......	......	......	Nil	Nil	0·35	Nil	0·17	Nil	0·17
		Krishnagar ...	......	......	......	......	......	......	......	Nil	Nil	0·44	Nil	0·38	Nil	0·38
		Chuadanga ..	......	......	......	......	......	......	......	Nil	Nil	0·46	Nil	0·36	Nil	0·36
		Meherpore ...	......	......	......	......	......	......	......	Nil	Nil	0·60	Nil	0·40	Nil	0·40
		Kushtia ..	......	0·20	......	......	......	......	......	1	0·20	0·38	Nil	0·26	Nil	0·26
	Khulna ...	Satkhira ..	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·08	Nil	0·08
		Bágerhat ..	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	0·25	Nil	0·25
		Khulna ...	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·22	Nil	0·22
		Nakipur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rampal ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Jessore ...	Narail ..	......	......	......	......	......	......	......	Nil	Nil	0·45	Nil	0·20	Nil	0·20
		Jessore ..	......	......	......	......	......	......	......	Nil	Nil	0·52	Nil	0·36	Nil	0·36
		Jhenidah ..	......	......	......	......	......	......	0·20	1	0·20	0·72	0·20	0·48	0·20	0·48
		Magura ...	......	0·10	......	......	......	......	0·62	2	0·72	0·56	0·62	0·45	0·62	0·45
		Bangaon ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·19	Nil	0·19
	Murshidabad	Kandi ...	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·23	Nil	0·23
		Berhampore ...	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·25	Nil	0·25
		Lalbagh ...	......	1·02	......	......	......	......	......	1	1·02	0·02	Nil	0·02	Nil	0·02
		Azimgunge ...	......	0·17	......	......	......	......	......	1	0·17	0·34	Nil	0·12	Nil	0·12
		Jangipur ...	......	0·21	......	......	......	......	......	1	0·21	0·27	Nil	0·08	Nil	0·08
		Lalgola ...	......	0·25	......	......	......	......	......	1	0·25	0·20	Nil	0·04	Nil	0·04
		Akhriganj ...	......	0·68	......	......	......	......	......	1	0·68	?	Nil	?	Nil	?
		Patkabari ...	......	......	......	......	......	......	......	...	......	?	Nil	?	Nil	?
EAST BENGAL	Chittagong ..	Cox's Bazar ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·10	Nil	0·10
		Chittagong ...	......	0·04	......	......	......	......	......	Nil	0·04	0·18	Nil	0·13	Nil	0·13
		Kutubdia ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Satkanya ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Chittagong Hill Tracts.	Rangamati ...	......	0·42	......	......	......	......	......	1	0·42	0·61	Nil	0·38	Nil	0·38
		Bundarban ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Backergunge	Patuakhali ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·12	Nil	0·12
		Pirojpur ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·12	Nil	0·12
		Barisal ...	......	......	......	......	......	......	......	Nil	Nil	0·54	Nil	0·38	Nil	0·38
		Bhola ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·17	Nil	0·17

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 2nd of April 1892—contd.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL—			Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
			Sunday, 27th March.	Monday, 28th March.	Tuesday, 29th March.	Wednesday, 30th March.	Thursday, 31st March.	Friday, 1st April.	Saturday, 2nd April.	Number of rainy days.	Rainfall of week.	Average normal rainfall of week.				
EAST BENGAL —concld.		*Gournaddi* ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bauphal ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Noakhali ...	Noakhali ...	......	......	......	......	......	......	......	Nil	Nil	0·45	Nil	0·32	Nil	0·32
		Fenny ...	......	1·00	0·04	......	......	......	......	1	1·04	0·56	Nil	0·34	Nil	0·34
		Hurishpore ...	......	0·01								?		?		?
		Ramganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Faridpur ...	Madaripur ...										0·44		0·20		0·30
		Faridpur ...	......	......	......	......	......	......	0·72	1	0·72	0·45	0·72	0·27	0·72	0·27
		Goalundo ...	......	0·12	......	......	......	......	0·59	2	0·71	0·40	0·59	0·31	0·59	0·31
	Dacca ...	Munshiganj ...	......	1·31	......	......	......	......	0·02	1	1·33	0·09	0·02	0·50	0·02	0·59
		Dacca ...	......	1·22	......	......	......	......	0·30	2	1·52	0·65	0·30	0·35	0·30	0·35
		Naraingunge...	......	1·06	......	......	......	......	0·15	2	1·21	0·14	0·15	0·09	0·15	0·09
		Manikganj ...	......	0·75	......	......	......	......	0·63	2	1·38	0·51	0·63	0·31	0·63	0·31
		Joydeopore ...	......	1·06	......	......	......	......	0·15	2	1·21	?	0·15	?	0·15	?
	Hill Tippera	Agartola ...	......	0·40	......	......	......	......	......	1	0·40	0·55	Nil	0·17	Nil	0·17
	Tippera ...	Comilla ...	......	1·36	......	......	......	0·04	......	1	1·40	0·80	0·04	0·50	0·04	0·50
		Chandpore ...	......	0·74	......	......	......	......	......	1	0·74	0·33	Nil	0·32	Nil	0·32
		Brahmanbaria	......	0·76	......	......	......	......	......	1	0·76	0·68	Nil	0·14	Nil	0·14
		Ramchandrapore ...	......	0·83	......	......	......	......	......	1	0·83	?	Nil	?	Nil	?
		Nasirnagar ...	......	1·50	0·35	......	......	......	......	2	2·05	?	Nil	?	Nil	?
		Daudkandi ...	......									?		?		?
		Kasba ...	......									?		?		?
		Laksham ...	......	1·50	......	......	......	......	......	1	1·50	?	Nil	?	Nil	?
	Mymensingh...	Kishoregunge	......	0·81	0·15	......	......	......	0·31	3	1·27	0·84	0·31	0·39	0·31	0·39
		Atia (*Tangail*)	......	0·84	......	......	......	......	0·12	2	0·96	0·22	0·12	0·12	0·12	0·12
		Mymensingh ...	......	0·93	0·03	0·02	0·33	0·01	......		1·32	0·47	0·01	0·23	0·01	0·28
		Jamálpur ...	......	1·22	......	1·20	......	......	......	2	2·51	0·33	Nil	0·16	Nil	0·16
		Netrokona ...	......	2·20	0·82	......	1·79	......	......	3	4·99	0·12	Nil	0·10	Nil	0·10
		Subornakhally	......	0·90	......	......	......	......	......	1	0·90	?	Nil	?	Nil	?
		Durgapore ...	......	3·20	0·40	......	0·70	......	......	3	4·30	?	Nil	?	Nil	?
		Sherepore Town	......	1·43	......	......	0·84	......	......	2	2·27	?	Nil	?	Nil	?
		Dewanganj ...	......	1·18	......	......	0·41	......	......	2	1·59	?	Nil	?	Nil	?
NORTH BENGAL.	Pabna ...	Pabna ...	......	0·24	......	......	......	......	......	1	0·24	0·50	Nil	0·29	Nil	0·29
		Sirajganj ...	......	1·06	......	......	......	......	......	1	1·06	0·40	Nil	0·23	Nil	0·23
	Bogra ...	Sherepore ...	......	1·31	......	......	......	......	......	1	1·31	0·08	Nil	0·07	Nil	0·07
		Nowkhilla ...	......	0·81	......	......	......	......	......	1	0·81	0·02	Nil	0·02	Nil	0·02
		Bogra ...	......	1·20	......	......	......	......	......	1	1·20	0·38	Nil	0·14	Nil	0·14
		Panchbibi ...	......	1·46	......	......	......	......	......	1	1·46	0·02	Nil	0·02	Nil	0·02
	Rajshahi ...	Boalia ...	......	1·10	......	......	......	......	......	1	1·10	0·37	Nil	0·22	Nil	0·22
		Nator ...	......	1·07	......	......	......	......	......	1	1·07	0·39	Nil	0·26	Nil	0·26
		Naogaon ...	......	1·20	......	......	......	......	......	1	1·20	Nil	Nil	Nil	Nil	Nil
		Lalpore ...	......	0·12	......	......	......	......	......	1	0·12	?	Nil	?	Nil	?
		Manda ...	......	0·95	......	......	......	......	......	1	0·95	?	Nil	?	Nil	?
	Malda ...	Malda ...	......	0·97	......	......	......	......	......	1	0·97	0·10	Nil	0·02	Nil	0·02
		Chanchal ...	......	0·45	......	......	......	......	......	1	0·45	0·03	Nil	0·03	Nil	0·03
		Gajol ...	......	0·25	......	......	......	......	......	1	0·25	?	Nil	?	Nil	?
		Sibganj ...	......	0·13	......	......	......	......	......	1	0·13	?	Nil	?	Nil	?
	Dinajpur	Mohadebpore	......	1·09	......	......	......	......	......	1	1·19	Nil	Nil	Nil	Nil	Nil
		Churamon ...	......	1·06	......	......	......	......	......	1	1·06	Nil	Nil	Nil	Nil	Nil
		Raigunge ...	......	0·85	......	......	......	......	......	1	0·85	0·10	Nil	0·10	Nil	0·16
		Dinajpur ..	......	1·07	......	......	......	......	......	1	1·07	0·17	Nil	0·09	Nil	0·09
		Baloorghat ...	......	0·74	......	......	......	......	......	1	0·74	Nil	Nil	Nil	Nil	Nil
		Thakoorgaon	......	1·17	......	......	......	......	......	1	1·17	?	Nil	?	Nil	?
	Rungpur ...	Bhawanigunge (*Gyabandha*)	0·47	2·30	......	......	......	......	......	2	2·77	0·37	Nil	0·19	Nil	0·19
		Rungpur ...	0·61	3·09	......	......	......	......	......	2	3·70	0·35	Nil	0·21	Nil	0·21
		Kurigram ...	......	3·85	......	......	......	......	......	1	3·85	0·55	Nil	0·17	Nil	0·17
		Baguogra (*Nilphamari*)	......	1·19	......	......	......	......	......	1	1·19	0·23	Nil	0·04	Nil	0·04
		Ulipore ...	......	2·35	......	......	......	......	......	1	2·35	?	Nil	?	Nil	?
	Jalpaiguri ...	Jalpaiguri ...	......	0·46	......	......	......	......	0·07	1	0·53	0·60	0·07	0·27	0·07	0·27
		Alipore Dooar	......	0·40	0·10	......	......	......	1·00	3	1·50	?	1·00	?	1·00	?
		Fallacotta ...	......	0·49	......	......	......	......	0·94	2	1·43	?	0·94	?	0·94	?
		Debiganj ...	......	1·08	......	......	......	......	......	1	1·08	?	Nil	?	Nil	?
		Bhagatpore (Nagrakatta)	......	0·39	......	......	0·40	......	......	2	0·79	?	Nil	?	Nil	?
	Kuch Bihar ..	Dinhatta ...	......	1·04	0·18	......	......	......	......	2	1·22	0·19	Nil	0·12	Nil	0·12
		Kuch Bihar ...	......	1·27	......	......	......	......	0·07	1	1·34	1·05	0·07	0·37	0·07	0·37
		Mickilgunge ...	0·05	1·10	......	......	......	......	2·45	2	3·60	0·26	2·45	0·13	2·45	0·13
		Muthabhanga	0·03	1·15	......	......	......	......	0·30	2	1·48	0·60	0·30	0·18	0·30	0·18
	Darjeeling Hill.	Buxa ...	......	0·23	1·04	0·07	......	0·03	......	2	1·37	1·18	0·03	0·19	0·03	0·19
		Silliguri ...	......	0·30	......	......	......	......	0·49	2	0·79	0·15	0·49	Nil	0·49	Nil
		Darjeeling ...	......	0·38	......	......	0·07	......	......	1	0·45	0·83	Nil	0·49	Nil	0·49
		Kalimpong ...	......	0·35	......	......	......	......	......	1	0·35	0·16	Nil	Nil	Nil	Nil
		Kurseong ...	......	0·30	......	......	......	......	0·25	2	0·55	?	0·25	?	0·25	?
NORTH BIHAR	Purnea ...	Kishanganj ...	......	0·90	......	......	......	......	......	1	0·90	0·06	Nil	0·04	Nil	0·04
		Araria ...	......	0·64	......	......	......	......	......	1	0·64	0·17	Nil	0·12	Nil	0·12
		Purnea ...	......	0·17	......	......	......	......	......	1	0·17	0·19	Nil	0·09	Nil	0·09
		Gondwara (Korah) ...	......	0·32	......	......	......	......	......	1	0·32	?	Nil	?	Nil	?
		Bursoe ...	......	0·25	0·10	......	......	......	......	2	0·35	?	Nil	?	Nil	?
		Forbesganj ...	......	0·43	......	......	......	......	......	1	0·43	?	Nil	?	Nil	?
	North Bhágalpur.	*Kaisaganj* ...	......	0·18	......	......	......	......	......	1	0·18	?	Nil	?	Nil	?
		Madhipura ...	......	0·35	......	......	......	......	......	1	0·35	0·05	Nil	0·04	Nil	0·04
		Supaul ..	......	0·55	......	......	......	......	......	1	0·55	0·06	Nil	0·03	Nil	0·03
		Protabganj ...	......	0·30	......	......	......	......	......	1	0·30	?	Nil	?	Nil	?
	Darbhanga ...	Tájpur ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	Nil	Nil	Nil
		Darbhanga ...	......	0·03	......	......	......	......	......	Nil	0·03	0·02	Nil	0·01	Nil	0·01
		Madhubani ...	......	0·39	......	......	......	......	......	1	0·39	0·06	Nil	0·03	Nil	0·03
		Bahera ...	......	0·63	......	......	......	......	......	1	0·63	?	Nil	?	Nil	?
		Roshera ...	......	......	......	......	......	......	......	......	Nil	?	Nil	?	Nil	?
	Musaffarpur...	Sitamarhi ...	......	......	......	......	......	......	......	......	Nil	0·08	Nil	0·05	Nil	0·05
		Muzaffarpur	......	......	......	......	......	......	......	......	Nil	0·02	Nil	Nil	Nil	Nil
		Hajipur ...	......	......	......	......	......	......	......	......	Nil	0·04	Nil	0·03	Nil	0·03
		Paru ...	......	......	......	......	......	......	......	......	Nil	?	Nil	?	Nil	?
		Mahua ...	......	......	......	......	......	......	......	......	Nil	?	Nil	?	Nil	?
		Sisahar ...	......	......	......	......	......	......	......	......	Nil	?	Nil	?	Nil	?
		Pupri ...	......	0·28	......	......	......	......	......	1	0·28	?	Nil	?	Nil	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 2nd of April 1892—concld.

Meteorological division.	District.	Station.	Rainfall. Sunday, 27th March.	Monday, 28th March.	Tuesday, 29th March.	Wednesday, 30th March.	Thursday, 31st March.	Friday, 1st April.	Saturday, 2nd April.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
NORTH BIHÁR —concluded.	Champaran ...	Motihari ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·06	Nil	0·06
		Bettiah ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·08	Nil	0·08
		Bagaha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Burhurwa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Saran ...	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	Nil	Nil
		Siwán ..	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	Nil	Nil	Nil
		Chapra ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·01	Nil	0·01
SOUTH BIHÁR	Shahabad ...	Buxar ..	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·03	Nil	0·03
		Dehri ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·07	Nil	0·07
		Bhabhua ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·03	Nil	0·03
		Sasarám ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·08	Nil	0·08
		Arrah ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·07	Nil	0·07
		Mohaniah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Agcaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rammagor ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Koath ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sikroul ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bassowan ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Monaharpur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Gaya ..	Aurangabad ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·05	Nil	0·05
		Gaya ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·02	Nil	0·02
		Nawádah ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·03	Nil	0·03
		Jahánabad ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·03	Nil	0·03
		Arwal ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Daudnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sherghati ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rajauli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		PakriBarawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Patna ..	Patna ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·02	Nil	0·02
		Dinapore ..	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·03	Nil	0·03
		Bihár ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·02	Nil	0·02
		Barh ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·01	Nil	0.01
		Bickram ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hilsa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Monghyr ...	Begusarai ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·01	Nil	0·01
		Monghyr .	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·05	Nil	0·05
		Jamui ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·05	Nil	0·05
		Gogri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	South Bhágalpur.	Bhágalpur ...	......	0·57	......	......	......	......	......	1	0·57	0·09	Nil	0·01	Nil	0·01
		Banka ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·04	Nil	0·04
		Kolgong ...	......	0·11	......	......	......	......	......	1	0·11	?	Nil	?	Nil	?
		Bangaon ..	......	0·70	......	......	......	......	......	1	0·70	?	Nil	?	Nil	?
	Sonthal Parganas.	Rajmahal ...	......	0·29	......	......	......	......	......	1	0·29	0·02	Nil	Nil	Nil	Nil
		Godda ...	......	0·30	......	......	......	......	......	1	0·30	0·06	Nil	0·03	Nil	0·03
		Pakour	......	0·16	......	......	......	......	......	1	0·16	0·10	Nil	0·10	Nil	0·10
		Naya Dumka	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·10	Nil	0·10
		Deoghur ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·02	Nil	0·02
		Jamtara ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·01	Nil	0·01
		Mohagama ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Nanihat ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
CHOTA NAGPUR.	Hazáribágh .	Pachamba (*Giridi*). ...	......		......	......	......	......	......	Nil	Nil	0·04	Nil	0·02	Nil	0·02
		Hazáribágh ..	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·04	Nil	0·04
		Semtagurah	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·01	Nil	0·01
		Mahudi Hills	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·03	Nil	0·03
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	Nil	Nil
		Barhi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Chatra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Karagdeha ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Ramghar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Lohardaga ...	Lohardaga ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	Nil	Nil	Nil
		Ranchi ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·10	Nil	0·10
		Palamau ..	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·05	Nil	0·06
		Silli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Balumat ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hossennabad	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Garwah ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Singbhum ...	Chaibassa ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·10	Nil	0·10
		Chakradharpore.	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Ghatsilla ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Baharagura	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Manbhum ...	Purulia ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·05	Nil	0·05
		Gobindpur ..	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·07	Nil	0·07
		Raghunathpore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Barrabhum	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Jhalda ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Chas ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pandra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?

Explanation.—.... indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the* 5*th April* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 2ND OF APRIL 1892.

WEATHER conditions at the close of the previous week were a little disturbed, and a few local storms with rain were occurring in North Bengal, though over the remainder of the province weather was generally fine and of ordinary hot weather character. On the 27th, or the first day of the present week, pressure rose slowly over the whole province except over parts of North Bengal, while temperature was falling moderately in all districts, though it was still high and above the normal by from about 3° to 6° or 7°. Humidity was also high, and at almost all stations in the province winds were south-easterly and easterly, and except for one or two showers in North Bengal there was no rain reported on this day. On the morning of the 28th westerly winds had set in over Chota Nagpur and parts of Bihár, and winds generally became much more southerly than on the 27th, apparently showing that a westerly wind current was forcing back the moist easterly current which had been previously blowing, and hence, with this partial interaction of opposing wind currents, conditions became favourable for the production of local storms. Thus on the morning of the 28th almost every station in North and East Bengal and some stations in Bihár and South-West Bengal reported moderate to heavy rain, which generally fell during thunderstorms, or nor'-westers some of which appear to have been exceedingly violent. Pressure on this day also fell exceeding rapidly, the fall at some stations almost equalling a sixth of an inch, and a distinct low-pressure area, where pressure was from a fifth to a quarter of an inch below the normal, formed over Bihár, Central and Western Bengal, and part of Chota Nagpur, again indicating the decidedly disturbed state of the atmosphere. With the existence of this low-pressure area in Central Bengal and Bihár and with the very steep baric gradients which obtained near the head of the Bay, very strong southerly winds set in over Bengal and over the Bay from about Gopalpur northwards, and these continued almost up to the close of the week. The mean temperature on this day also became below the normal at some of the extreme eastern and northern stations, but elsewhere it was still above it by about 3° to 4°. On the 29th pressure continued to fall at the eastern stations and in Assam, though it remained fairly steady elsewhere, showing probably that the area of disturbance was being transferred to Assam. Temperature also fell slowly at many stations, but winds were to a great extent unchanged in direction since the previous day, and very strong winds were reported in connection with the steep baric gradients which still existed. The number of local storms with rain reported in Bengal on the 29th was very small, and they were confined to a few districts in East and North Bengal, but Assam seems to have received heavy rain, for Sibsagar reported nearly four and-a-half inches of rain on this day. On the 30th a rather rapid increase of pressure took place, and the distribution became a little more normal, but still gradients were steep and gave strong southerly winds over the province, while on the 31st a further rapid rise occurred, and pressure became slightly above the normal over parts of South and South-East Bengal, though it was still slightly in defect elsewhere. Again on April 1st pressure rose slowly at all stations except a few in the centre of the province where a distinct tendency to the formation of a low-pressure area existed, though on the 2nd with a further rather rapid increase of pressure this tendency practically disappeared and pressure distribution became fairly normal. Up to the 1st, however, conditions in Bengal generally remained fairly settled, but from the 1st to the 2nd they were again slightly disturbed, and a considerable number of local storms with rain occurred in certain districts of East and North Bengal. Temperature during the last few days of the week had generally fallen slowly, but even up to its close the mean temperature was generally in excess of the normal by amounts ranging up to about 4°. Owing also to the decrease in the steepness of the baric gradients over the province, the strength of the winds diminished rapidly towards the close of the week, and only moderate southerly, and south-easterly winds were reported on the 2nd.

The meteorological conditions during the week have therefore been decidedly important from the fact that rather heavy general rain has fallen over practically the whole of North and East Bengal and light rain over parts of North Bihár, but the falls in other divisions have been unimportant.

Pressure—Has been below the normal during the greater part of the week, and the defect at one time amounted to a distinct depression. The mean pressure for the week has therefore been in defect of the normal in all districts, the defect usually ranging from about 0·03″ in South-East Bengal to considerably more than a tenth of an inch in parts of Bihár and of West Bengal and Chota Nagpur, over which area the area of low pressure existed for some days.

Temperature—Has again been high almost throughout the week, and the mean temperature of the province for the week has been 3·7° in excess of the normal. This excess has been largest in Chota Nagpur, where it has equalled 5·5°, and in South-West Bengal and South Bihár, where it has been 4° and upwards.

The distribution of temperature over the province and its variation from the normal for the week are most clearly seen in the table below, where the average maximum, minimum, and mean temperatures for the period at nine typical stations in different districts are compared with their normal value. During this week the night or minimum temperatures have been more largely in excess of the normal than the day or maximum temperatures; but some

very high maximum temperatures have nevertheless been reported, for Bankura on the 29th March registered 107·6° and Chaibassa 108·1°, while temperatures of from 106° to 107° have been recorded at Cuttack, Raniganj, and Dehri:—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 2nd April 1892.

	Normal mean maximum temperature for the week ending 2nd April.	Actual mean maximum temperature for the week ending 2nd April 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 2nd April.	Actual mean minimum temperature for the week ending 2nd April 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 2nd April.	Actual mean daily temperature for the week ending 2nd April 1892.	Variation of actual mean from the normal.
Cuttack	99·6	100·8	+1·2	76·2	80·3	+4·1	87·9	90·5	+2·6
Calcutta	93·0	92·1	—0·9	73·8	78·6	+4·8	83·4	85·4	+2·0
Dacca	91·4	92·4	+1·0	73·0	74·5	+1·5	82·2	83·4	+1·2
Burdwan	97·6	101·0	+3·4	73·5	78·8	+5·3	85·6	90·0	+4·4
Patna	96·9	98·5	+1·6	70·0	71·0	+1·0	83·5	84·8	+1·3
Gaya	99·3	104·4	+5·1	72·3	75·2	+2·9	85·8	89·8	+4·0
Purnea	94·6	96·8	+2·2	66·7	68·9	+2·2	80·7	82·8	+2·1
Hazáribágh	94·0	100·8	+6·8	69·0	72·4	+3·4	81·5	86·6	+5·1
Darjeeling	58·2	57·7	—0·5	45·5	48·6	+3·1	51·9	53·2	+1·3

Rainfall.—North Bengal has received an average fall of 1·44 inches of rain during the week and East Bengal one of 0·85 inch. In North Bihár the falls only average 0·20 inch, and in South-West Bengal and North Bihár only 0·06 inch.

The districts which have received the heaviest falls have been Rangpur 2·88 inches, Mymensingh 2·21 inches, and Jalpaiguri 1·75 inches, while falls of one to one and-a-half inches are reported in Rajshahi, Bogra and Dacca, and of half to one inch in Faridpur, Comilla, Malda, Noakhali, Pabna, Dinajpur, Darjeeling, and Purneah.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 2nd of April 1892:—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 1st April 1892.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	106·4	70·1	92·2	78·9	85·5	+3·0	Nil	0·17	—0·17	0·00	0·32	—0·32	Nil	0·11	Nil	0·11
South-West Bengal ...	107·6	72·4	98·6	78·2	88·5	+4·0	0·06	0·27	—0·21	0·17	0·44	—0·27	0·02	0·17	0·02	0·17
East Bengal	94·6	65·4	89·8	75·5	82·7	+3·3	0·85	0·44	+0·41	1·08	0·71	+0·37	0·12	0·25	0·12	0·25
North Bengal	101·2	64·2	92·8	73·1	83·0	+3·6	1·44	0·28	+1·16	1·20	0·41	+0·79	0·12	0·14	0·12	0·14
North Bihár	103·3	60·8	97·4	68·2	82·8	+2·4	0·20	0·07	+0·13	0·38	0·18	+0·20	Nil	0·04	Nil	0·04
South Bihár	106·4	68·0	101·8	72·8	87·3	+4·3	0·06	0·06	0	0·21	0·17	+0·04	Nil	0·04	Nil	0·04
Chota Nagpur	101·8*	69·7*	100·7*	72·3*	86·5*	+5·5*	Nil	0·07	—0·07	0·00	0·18	—0·18	Nil	0·04	Nil	0·04

* Chaibassa not included.

METEOROLOGICAL OFFICE, BENGAL,
The 5th April 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 27th March to 2nd April 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Temperature. Maximum.	Temperature. Range.	Temperature. Minimum.	Hygrometry. Mean wet bulb.	Hygrometry. Vapour tension	Hygrometry. Dew point.	Hygrometry. Humidity.	Wind. Prevailing direction.	Wind. Miles recorded.	Rain.	Weather.
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Mar.	27th	149 5	7·5	29·698	84·2	92·0	16 3	75·7	77·7	0·861	71·8	75	S and SSW ...	214	Nil	Partially cloudy.
,,	28th	147·3	8·2	·600	85·2	92·8	13·1	79·7	78·4	·881	75·5	74	S and SSW ...	353	,,	Partially cloudy.
,,	29th	146·8	6·3	·616	85·0	92·6	14·1	78·5	78·6	·893	75·8	75	S and SSW ...	316	,,	Partially cloudy.
,,	30th	144·5	6·3	·701	85·0	90·9	11·0	79 9	78·2	·874	75·2	73	S and SSW ...	341	,,	Partially cloudy, o.
,,	31st	146·7	7·2	·797	85·0	91·6	12·6	79·0	78·9	·906	76·2	76	S and SSW ...	270	,,	Partially cloudy, o.
April	1st	146·3	6·2	·790	84·8	91·8	13·2	78 6	78·7	·901	76·1	76	S and SSW ..	298	,,	Partially cloudy, o.
,,	2nd	145·5	3·3	·842	83·6	91·4	12·7	78·7	77·4	·857	74·6	71	S, SSW and SSE	187	,,	Chiefly cloudy, o.

	Inches.
The mean pressure of the seven days	29·721
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·783
	Hours
The total number of hours of bright sunshine	45·0
The maximum possible number of hours of sunshine	86·0
	°
The mean temperature of the seven days	84·7
The average temperature of the corresponding period for 24 years, S.-G.'s Office	83·7
The extreme variation of temperature	17·1
The maximum temperature	92·8
	Miles.
The highest velocity of the wind in one hour	20
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	75
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	66
	Inches
The total fall of rain from 27th March to 2nd April 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·12
The total fall from 1st January to 2nd April 1892	0·04
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	2·81

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast.

C. Little,

For Meteorological Reporter to the Govt. of India.

Meteorological Office, Govt. of India;

Calcutta, the 4th April 1892.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 27th March to 2nd April 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature.						Hygrometry.			Rainfall past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
March ...	27th ...	29·793	81·9	94·0	18·2	75·8	88·6	77·5	·795	72·3	59	Nil.
,, ...	28th ...	·697	87·1	95·0	15·8	79·2	90·1	80·5	·913	76·5	65	,,
,, ...	29th ...	·688	86·2	94·0	15·7	78·3	90·6	80·5	·906	76·2	63	,,
,, ...	30th ...	·772	86·3	93·0	13·4	79·6	87·1	78·5	·860	74·7	67	,,
,, ...	31st ...	·877	86·6	94·0	14·8	79·2	88·8	80·3	·920	76·7	68	,,
April ...	1st ...	·871	86·3	94·0	15·4	78·6	88·6	80·7	·942	77·4	69	,,
,, ...	2nd ...	·927	85·7	93·0	14·7	78·3	85·6	79·7	·935	77·2	76	,,

		Inches.
The mean 10 A.M. pressure of the seven days	... ...	29·804
		°
The mean temperature of the seven days	... ...	86·2
The extreme variation of temperature	... ...	19·2
The maximum temperature	... ...	95·0
		%
The mean 10 A.M. relative humidity of the seven days	... ...	67
The total fall of rain from 27th March to 2nd April 1892	... ...	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The 4th April 1892.

STATEMENT SHOWING THE RESULTS OF THE REGISTRATION OF BIRTHS AND DEATHS IN THE PRINCIPAL MUNICIPALITIES IN BENGAL DURING THE WEEK ENDING WITH SATURDAY, THE 12TH MARCH 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 12th March 1892.

1	2	3			4			5			6	7							8							9	10		11		12
DISTRICTS.	NAMES OF MUNICIPALITIES.	POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.				Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
		Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan ...	Burdwan	18,063	16,017	34,080	13	5	*18*	19.8	7.6	*27.5*	260	6	10	30	3	1	5	*55*	9.2	15.2	45.8	4.6	1.5	7.6	*83.9*	99.2	36	19	103.6	61.7	167
	Raniganj	6,846	4,091	10,937	3	2	*5*	14.3	9.5	*23.8*	150	28	...	3	3	...	1	*35*	133.1	...	14.3	14.3	...	4.7	*166.4*	109.4	19	16	158.2	177.4	89
Bankura ...	Bankura	8,970	8,925	17,595	6	5	*11*	17.4	14.5	*32.0*	120	13	...	9	2	...	2	*26*	37.8	...	26.2	5.8	...	5.8	*75.6*	40.7	16	10	92.8	58.3	159
Birbhum ...	Suri	3,982	3,866	7,848	2	10	*12*	13.2	66.3	*79.5*	20	...	...	7	...	...	...	*7*	...	...	46.4	...	...	...	*46.4*	46.4	2	5	26.1	67.3	39
Midnapore ...	Midnapore ...	16,927	16,633	33,560	8	5	*13*	12.4	7.7	*20.1*	160	...	...	38	3	...	1	*42*	...	...	58.9	4.6	...	1.5	*65.1*	44.9	14	28	43.0	87.5	49
Hooghly, including Serampore.	Hooghly and Chinsura.	15,858	15,829	31,687	11	3	*14*	18.0	4.9	*23.0*	366	3	...	24	...	...	3	*30*	4.9	...	39.4	...	...	4.9	*49.2*	44.3	21	9	68.9	29.6	232
	Serampore ...	13,559	12,937	26,496	6	8	*14*	11.8	15.7	*27.5*	75	1	...	11	4	1	2	*19*	2.0	...	21.6	7.8	2.0	3.9	*37.3*	51.0	11	8	42.2	32.2	131
	Utterpara	3,046	2,464	5,510	3	2	*5*	28.3	18.9	*47.2*	150	3	...	2	1	1	...	*7*	28.3	...	18.9	9.4	9.4	...	*66.1*	47.2	7	...	119.5	...	No female death.
Howrah ...	Howrah	53,153	37,660	90,813	24	20	*44*	13.7	11.5	*25.2*	120	48	...	29	11	1	11	*100*	27.5	...	16.6	6.3	.6	6.3	*57.3*	33.2	70	30	68.5	41.4	165
	Bally	7,836	6,979	14,815	4	1	*5*	14.0	3.5	*17.5*	400	...	...	12	1	...	1	*14*	...	...	42.1	3.5	...	3.5	*49.1*	28.1	5	9	33.2	67.1	49
24-Parganas	Cossipore-Chitpur*																														
	Manicktolla* ...																														
	Baranagore ...	15,920	14,062	29,982	3	6	*9*	5.2	10.4	*15.6*	50	5	...	11	1	...	2	*19*	8.7	...	19.1	1.7	...	3.5	*33.0*	6.9	9	10	29.4	37.0	79
	South Suburban	26,400	25,258	51,658	6	7	*13*	6.0	7.0	*13.1*	85	7	...	19	...	1	1	*28*	7.0	...	19.1	...	1.0	1.0	*28.2*	27.2	19	9	37.4	18.5	202
Nadia ...	Krishnagar ...	13,263	14,214	27,477	12	14	*26*	22.7	26.5	*49.2*	85	1	...	24	...	...	4	*29*	1.9	...	45.4	...	...	7.6	*54.9*	39.7	15	14	58.8	51.2	114
	Ranaghat	4,028	4,655	8,683	6	5	*11*	35.9	29.9	*65.9*	120	...	...	9	...	...	3	*12*	...	...	53.9	...	...	18.0	*71.9*	59.9	8	9	38.7	100.5	38
	Santipur	13,708	15,979	29,687	11	21	*32*	19.3	36.8	*56.1*	52	...	...	24	...	...	1	*25*	...	...	42.0	...	...	1.7	*43.8*	49.0	14	11	53.1	35.8	148
Jessore ...	Jessore	4,830	3,665	8,495	1	...	*1*	6.1	...	*6.1*	No female birth.	...	...	4	...	...	...	*4*	...	...	24.5	...	...	...	*24.5*	85.7	3	1	32.3	14.2	227
Murshidabad	Berhampore ...	11,657	11,948	23,605	6	5	*11*	13.2	11.0	*24.2*	120	3	...	9	...	...	6	*18*	6.6	...	19.8	...	...	13.2	*39.7*	30.6	10	8	44.6	34.6	128
	City Murshidabad	18,901	20,330	39,231	6	6	*12*	7.9	7.9	*15.9*	100	2	...	28	...	...	...	*30*	2.6	...	37.1	...	...	...	*39.8*	43.7	18	12	49.5	30.7	161
Khulna ...	Khulna	3,249	3,043	6,292	...	1	*1*	...	8.2	*8.2*	No male birth.	...	...	1	...	...	2	*3*	...	...	8.2	...	...	16.5	*24.8*	24.8	...	3	...	51.3	No male death.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4		*[illegible]*	16.5	16.5	*33.1*	100	...	...	15	1	...	3	*19*	...		62.1	4.1	...	12.4	*78.7*	41.4	13	6	93.2	58.8	153

Rajshahi ...	Rampur Boalia ...	10,766	9,025	19,791	10	4	14	20·3	16·5	36·8	250	...	...	14	1	1	...	16	...	...	36·8	2·6	2·6	...	42·0	70·0	11	5	53·1	28·9	184
Rangpur ...	Rangpur	8,011	5,309	13,320	5	1	6	19·5	3·9	23·4	500	..	..	19	...	...	...	19	..	...	74·2	...	.	...	74·2	23·4	11	8	71·4	78·4	91
Bogra ...	Bogra	3,480	2,699	6,179	...	1	1	...	8·4	8·4	No male birth.	...	...	4	...	...	...	4	...	...	33·7	...	...	...	33·7	16·8	2	2	29·9	38·5	77
Pabna ...	Pabna	7,701	7,566	15,267	7	9	16	23·8	30·7	54·5	77	4	...	5	.	...	3	12	13·6	...	17·0	...	...	10·2	40·9	71·5	6	6	40·5	41·2	98
	Sirajganj	11,213	9,824	21,037	7	5	12	17·3	12·4	29·7	140	...	...	4	...	...	...	4	...	...	9·9	...	...	...	9·9	22·2	1	3	4·6	15·9	29
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	4	...	4	29·6	...	29·6	No female birth.	...		4	...	...	3	7	...	...	29·6	...	...	22·2	51·9	22·2	4	3	45·4	64·0	71
Jalpaiguri ...	Jalpaiguri ...	4,972	2,975	7,947	3	5	8	19·6	32·7	52·3	69	..	...	5	...	...	...	5	...	..	32·7	...	...	...	32·7	39·3	3	2	31·4	35·0	89
Dacca ..	Dacca	42,782	37,379	80,161	32	26	58	20·8	16·8	37·6	123	1	20	42	5	...	17	94	·6	19·5	27·2	3·2	...	11·0	61·0	44·1	51	43	62·0	59·8	103
	Narainganj ...	7,605	4,956	12,561	9	5	14	37·3	20·7	58·0	180	2	...	3	...	...	1	6	8·3	..	12·4	...	...	4·1	24·8	12·4	2	4	13·7	42·0	33
Faridpur ...	Faridpur ...	5,663	4,600	10,263	4	1	5	20·3	5·0	25·3	400	2	...	14	...	..	...	16	10·1	...	70·9	...	..	...	81·1	45·6	6	10	55·1	113·0	48
Backergunge ...	Barisal	8,701	4,485	13,156	5	9	14	19·7	35·5	55·2	55	5	...	7	..	2	2	16	19·7	...	27·6	.	7·9	7·9	63·1	51·3	9	7	53·8	81·2	66
Mymensingh ...	Nasirabad ...	10,443	4,413	14,856	3	1	4	10·5	3·5	14·0	300	..		2	..	...	2	4	...	..	7·0	...	...	7·0	14·0	10·5	2	2	10·0	23·6	42
Chittagong ...	Chittagong ...	13,340	8,790	22,130	9	10	19	21·1	23·5	44·6	90	5	..	12	...	3	...	20	11·7	...	28·2	...	7·0	...	47·0	63·4	11	9	42·9	53·2	80
Noakhali ...	Sudharam ...	3,410	1,714	5,124	2	...	2	7·0	.	7·0	No female birth.	...	..	...	...	...	...	...	...	...	..	...	...	...	..	40·0	...	...	...	...	...
Tippera ...	Comilla	8,153	5,353	13,506	6	5	11	23·1	19·3	42·4	119	5	...	6	...	...	2	13	19·3	.	23·1	...	...	7·7	50·1	88·6	8	5	51·0	48·6	105
Patna ...	Patna City ...	78,762	81,475	160,237	34	28	62	11·0	9·1	20·1	121	..	..	45	14	...	25	84	...	...	14·6	4·5	..	8·1	27·3	20·4	40	44	26·4	28·1	94
	Bihar	23,799	25,172	48,971	15	15	30	15·9	15·9	31·9	100	..	1	26	4	...	7	38	...	1·1	27·6	4·2	...	7·4	40·4	44·6	23	15	50·3	31·0	162
	Dinapore	25,424	26,801	52,225	5	2	7	5·0	2·0	7·0	250	...	...	14	...	...	3	17	...	...	13·9	...	...	3·0	16·9	14·9	10	7	20·5	13·6	150
Gaya ...	Gaya	38,290	37,831	76,121	11	11	22	7·5	7·5	15·0	100	1	2	20	9	1	3	45	·7	1·4	19·8	6·1	·7	2·0	30·7	29·4	27	18	36·7	24·7	148
Shahabad ...	Arrah	20,960	22,505	43,465	16	19	35	19·1	22·7	41·9	84	...	.	21	..	...	10	31	...	..	25·1	..	...	12·0	37·1	27·5	14	17	34·7	39·3	88
	Buxar	9,299	8,369	17,668	5	3	8	14·7	8·8	23·5	166	...	..	7	...	...	...	7	...	.	20·6	..	...	...	20·6	29·4	4	3	22·4	15·6	120
Muzaffarpur ...	Muzaffarpur ...	23,084	19,658	42,742	15	11	26	18·2	13·4	31·6	136	...		32	4	2	12	50	...	..	38·0	4·0	2·4	14·6	60·8	54·7	27	23	60·8	66·8	100
Darbhanga ...	Darbhanga ..	33,774	32,522	66,296	27	22	49	21·2	17·3	38·5	125	...	.	19	9	...	11	39	...	..	14·9	7·1	...	8·7	30·7	19·7	22	17	33·0	27·3	128
Saran ...	Chapra	25,116	26,554	51,670	13	15	28	13·1	15·1	28·2	86	..	...	8	2	1	17	28	...	...	8·0	2·0	1·0	17·1	28·2	24·2	18	10	37·3	19·6	190
Champaran ...	Motihari	6,328	3,979	10,307	5	3	8	25·2	15·1	40·4	106	...	...	11	...	...	1	12	..	..	55·5	...	...	5·0	60·5	25·2	6	6	47·3	78·4	63
Monghyr ...	Monghyr	28,154	29,366	57,520	13	18	31	11·7	16·3	28·0	72	1	3	26	3	..	14	47	·9	2·7	23·5	2·7	...	12·7	42·5	34·4	26	21	48·0	37·2	129
	Jamalpur ..	7,456	6,197	13,653	10	3	13	38·3	11·5	49·8	553	...	.	9	1	...	4	14	...	...	34·5	3·8	...	15·3	53·7	30·7	10	4	60·7	34·1	204
Bhágalpur ...	Bhagalpur ...	34,916	33,322	68,238	18	11	29	13·7	8·4	22·1	163	1	..	51	4	...	7	63	·8	..	38·9	3·0	...	5·3	48·0	30·5	30	24	58·1	37·5	155
Purnea ...	Purnea	8,463	6,553	15,016	2	1	3	6·9	3·4	10·3	200	...	..	9	1	...	1	11	...	...	31·2	3·4	...	3·4	38·1	13·9	9	2	55·3	15·9	347
Malda ...	English Bazar .	6,293	6,141	12,434	3	3	6	12·5	12·5	25·1	100	...	.	16	..		8	24	...	..	63·0	.	...	33·4	100·4	46·0	13	11	107·5	93·1	115
Sonthal Parganas.	Deoghur	4,964	3,041	8,005	1	3	4	6·5	19·5	26·0	33	..	.	2	.	...	1	3	...	...	13·0	.	...	6·5	19·5	102·4	2	1	21·0	17·1	122
Cuttack ...	Cuttack	22,632	20,607	43,239	17	8	25	20·4	9·6	30·1	212	.	2	5	3	...	13	23	...	2·4	6·6	3·6	...	15·6	27·7	26·5	13	10	29·9	25·2	118
Puri ...	Puri	13,247	11,537	24,784	4	5	9	8·4	10·5	18·9	86	3	2	9	7	...	15	36	6·3	4·2	18·8	14·7	...	31·5	75·3	46·2	17	19	66·7	85·6	77
Balasore ...	Balasore	10,282	9,983	20,265	7	9	16	17·0	23·1	41·1	77	.	..	4		..	10	14	...		10·3	...	...	25·6	35·9	46·2	8	6	40·5	31·3	129
Hazáribágh ...	Hazáribágh ...	7,639	7,667	15,306	6	5	11	20·4	17·0	37·4	121	...	..	4	.	...	3	7	...	...	13·6	...	...	10·2	23·8	23·8	3	4	20·4	27·1	75
Lohardaga ...	Ranchi	10,101	8,312	18,413	6	3	9	16·9	8·4	25·4	200	...	.	9	...	..	3	12	...	...	25·4	...	...	8·4	33·8	11·3	9	3	46·3	18·7	247
Singbhum ...	Chaibassa	3,126	2,880	6,006	.	...	...	...	..	.	..	...	.	1	...	...	1	2	..	...	8·3	...	..	8·6	17·3	8·6	1	1	16·6	18·1	91
Manbhum ...	Purulia	5,060	4,244	9,304	3	2	5	16·8	11·1	27·9	150	2	..	7	5	...	2	16	11·1	...	30·1	27·9	...	11·1	*89·4	39·1	9	7	98·5	85·8	107
	Total ...	844,834	780,444	1,655,278	477	412	889	15·0	12·9	27·9	115	152	40	814	102	15	240	1,381	4·8	1·5	25·6	3·2	·5	7·8	43·4	36·2	782	599	47·0	33·4	119

* Return not received up to date.

DISTRICTS.	NAMES OF MUNICIPALITIES.	13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
		Deaths among—					Ratio per 1,000 of population per annum.					Deaths.										Ratio per 1,000 of population per annum.									
		Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	37	18	...	...	...	81·2	91·2	...	...	4	1	6	2	2	10	6	9	5	7	315·2	23·0	133·8	41·3	33·3	65·6	45·2	106·0	169·5	245·6
	Raniganj	...	32	3	...	...	...	108·6	84·8	...	...	1	2	2	5	4	4	7	6	3	1	221·3	105·7	91·9	295·6	254·3	85·8	169·4	249·4	258·3	124·7
Bankura ...	Bankura	...	25	1	...	...	...	76·5	60·5	...	...	4	5	2	1	3	...	1	3	3	4	439·7	136·0	46·1	28·7	98·9	...	19·7	85·6	41·0	209·5
Birbhum ...	Suri	...	6	1	...	...	...	53·4	26·1	...	...	1	...	...	...	1	1	...	...	3	1	298·9	...	...	...	67·4	36·8	...	...	267·6	108·8
Midnapore ...	Midnapore ...	...	31	11	...	...	...	62·2	79·2	...	...	1	1	2	2	3	10	6	4	3	10	70·0	22·1	27·7	34·2	49·4	70·8	56·3	55·8	75·6	284·2
Hooghly, including Serampore.	Hooghly and Chinsura.	...	23	7	...	...	...	47·3	53·0	...	...	2	5	3	1	4	3	2	3	5	2	129·5	117·2	54·1	21·0	82·9	25·1	18·2	37·4	100·1	47·9
	Serampore	...	18	1	...	...	...	37·1	55·4	...	...	2	2	1	...	1	3	5	1	3	1	146·5	57·6	20·7	...	23·8	29·0	52·3	15·4	81·5	37·4
	Utterpara	...	7	...	...	...	...	68·3	...	...	...	...	1	...	2	1	1	1	1	...	...	...	123·5	...	217·1	118·2	45·2	49·0	74·2	...	...
Howrah ...	Howrah	1	65	33	...	1	27·5	49·6	83·7	...	215·8	8	10	7	5	7	22	14	8	5	14	201·6	98·9	57·9	39·5	49·7	50·4	37·8	35·4	47·4	194·1
	Bally	...	10	4	...	...	...	38·8	155·7	...	...	2	...	2	1	1	2	1	2	...	3	287·3	...	97·6	43·6	39·0	31·1	18·6	53·7	...	213·1
24-Parganas	Cossipore-Chitpur*																														
	Manicktola* ...																														
	Baranagore ..	...	13	6	...	...	...	26·2	75·3	...	...	3	4	1	1	3	3	1	1	1	1	230·4	101·3	20·9	22·2	68·2	24·4	8·9	12·6	25·1	159·9
	South Suburban	1	14	13	...	...	129·4	23·0	34·7	...	...	2	4	2	2	4	2	1	3	6	2	78·4	43·8	20·6	21·8	47·1	10·2	6·0	26·4	94·1	32·0
Nadia ...	Krishnagar ...	...	22	7	...	...	..	61·4	44·0	...	...	8	1	1	...	...	5	3	4	4	3	538·7	21·1	15·1	...	...	54·1	36·4	63·8	98·7	90·3
	Ranaghat	...	10	2	...	...	...	71·1	76·2	...	...	3	...	...	...	...	...	2	2	4	1	753·6	...	...	...	...	...	83·4	103·6	257·3	91·4
	Santipur ...	...	19	6	...	...	...	47·7	34·0	...	...	5	3	1	1	...	2	2	2	2	7	307·7	53·8	13·8	17·9	...	21·2	24·0	29·6	45·2	185·3
Jessore ...	Jessore	...	2	2	...	...	...	23·1	27·3	...	...	...	1	2	1	...	...	...	...	...	...	...	105·3	131·1	78·2	...	...	...	...	...	...
Murshidabad.	Berhampore ...	...	16	2	...	...	...	45·8	20·0	...	...	1	1	1	...	2	6	4	...	1	2	137·9	32·6	24·6	...	59·0	70·0	47·0	...	27·7	65·1
	City Murshidabad	...	15	15	...	...	...	34·3	49·3	...	...	5	1	1	...	1	1	4	6	4	7	340·8	21·1	15·1	...	20·1	7·1	25·6	53·3	58·6	117·6
Khulna ...	Khulna	...	2	1	...	...	...	32·6	17·1	...	...	2	...	...	...	...	...	...	...	1	...	818·9	...	...	...	...	...	...	...	115·0	...
Dinajpur ...	Dinajpur	...	10	9	...	...	...	85·8	73·0	...	...	1	...	2	1	...	6	1	1	2	5	252·4	...	83·1	52·0	...	115·7	21·0	33·2	125·3	406·9
Rajshahi ...	Rampur Boalia ...	...	6	10	...	...	...	31·5	53·0	...	...	...	1	...	...	3	1	2	2	3	4	...	36·7	...	...	93·9	12·5	28·9	42·4	125·7	216·0
Rangpur ...	Rangpur	...	7	12	...	...	...	56·2	93·9	...	...	2	3	2	...	4	2	2	2	1	1	446·4	174·3	82·7	...	193·5	32·9	37·8	65·9	76·7	101·0
Bogra ...	Bogra	...	1	3	...	...	...	19·5	45·0	...	...	...	1	...	...	...	1	1	...	...	1	...	101·2	...	...	...	39·4	49·6	...	...	165·6

District	Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Pabna ...	Pabna	...	6	6	...	...	...	43·7	38·5	...	...	2	4	...	...	...
	Sirajganj ...	...	2	2	...	...	...	12·1	8·5	...	...	1	1	...	...	...
Darjeeling ...	Darjeeling ...	1	2	1	3	...	325·0	22·6	85·0	94·4	...	1	...	...	1	...
Jalpaiguri ...	Jalpaiguri ...	...	4	1	...	...	...	49·0	14·3	...	...	2	...	...	...	...
Dacca ...	Dacca	...	36	58	...	...	...	46·5	76·7	...	...	20	19	2	2	4
	Narainganj ...	...	4	2	...	...	...	32·9	16·9	...	...	2	...	...	2	...
Faridpur ...	Faridpur ...	...	8	8	...	...	...	77·8	85·7	...	...	...	...	...	...	2
Backergunge...	Barisal	...	5	11	...	...	...	43·0	83·8	...	...	2	1	3	...	1
Mymensingh ...	Nasirabad ...	...	2	2	...	...	.	13·6	14·7	...	...	1	..	1	1	...
Chittagong ...	Chittagong ...	2	6	12	...	...	130·7	53·8	40·8	..	...	5	1	1	2	2
Noakhali ...	Sudharam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tippera ...	Comilla	...	9	4	...	...	...	75·7	28·1	...	...	1	4	2	...	...
Patna ...	Patna City ...	..	67	17	...	...	...	20·3	21·6	...	...	21	5	8	...	2
	Bihár	...	26	12	...	...	..	40·2	40·8	...	...	11	2	.	2	...
	Dinapore	...	16	1	...	...	..	21·6	4·4	...	...	1	2	1	...	...
Gaya ...	Gaya	...	37	8	...	...	...	32·1	25·9	...	...	12	6	6	1	1
Shahabad ...	Arrah	...	17	14	...	...	...	25·5	58·7	.	..	13	2	1	1	2
	Buxar	...	5	2	...	...	...	18·7	28·9	...	...	1	1	...	...	1
Muzaffarpur ...	Muzaffarpur ...	...	36	14	...	...	...	62·3	58·3	...	...	7	6	1	5	2
Darbhanga ...	Darbhanga ...	...	27	12	...	...	...	29·0	35·5	...	...	11	5	2	3	...
Saran ...	Chapra	...	24	4	...	...	...	31·5	17·5	...	...	9	2	...	2	2
Champaran ...	Motihari	...	11	1	...	...	...	76·0	18·8	...	...	2	...	...	1	1
Monghyr ...	Monghyr	...	39	8	...	...	...	45·4	33·1	...	...	11	6	1	4	...
	Jamálpur ...	...	10	4	...	...	...	52·9	67·0	...	...	5	1	2	...	1
Bhágalpur ...	Bhágalpur ...	1	45	17	...	...	134·7	47·8	46·9	...	...	4	11	3	...	2
Purnea ...	Purnea	...	6	5	...	...	...	34·0	45·9	...	...	2	...	...	...	...
Malda ..	English Bazar ...	...	15	9	...	...	...	107·3	90·9	...	...	5	...	2	1	1
Sonthal Parganas.	Deoghur	...	3	...	...	...	...	20·2	...	...	...	1	...	...	...	...
Cuttack ...	Cuttack	...	20	3	...	...	...	30·9	20·2	...	...	7	3	...	...	1
Puri ...	Puri	...	36	...	...	...	...	76·3	...	...	...	3	3	...	1	6
Balasore ...	Balasore	1	11	2	...	...	150·3	34·0	33·9	...	...	7	...	...	...	...
Hazáribágh ...	Hazáribágh ...	...	7	...	...	...	...	33·1	...	...	...	1	...	...	...	...
Lohardaga ...	Ranchi	4	2	3	...	3	140·0	11·3	28·9	...	66·1	2	1	1	1	1
Singbhum ...	Chaibassa	...	2	...	...	...	...	20·3	...	...	...	...	...	...	...	...
Manbhum ...	Purulia	...	13	3	...	...	...	68·7	125·0	...	...	4	2	...	...	1
	TOTAL ...	11	950	413	3	4	30·6	42·7	45·2	76·4	46·9	234	135	75	55	77

District	Station	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Pabna ...	Pabna	2	3	...	1	...	262·0	142·7	...	...	...	35·8	62·5	...	51·4	...
	Sirajganj ...	..	1	1	...	...	96·5	21·8	...	..	...	...	16·4	23·2	...	...
Darjeeling ...	Darjeeling ...	3	...	1	...	1	429·8	...	...	106·6	...	78·0	...	75·1	...	307·7
Jalpaiguri ...	Jalpaiguri ...	3	...	...	...	..	707·5	...	...	...	...	86·0	...	...	...	...
Dacca ...	Dacca	11	14	7	2	13	547·9	134·0	10·5	13·1	28·5	37·3	62·5	45·4	22·0	121·3
	Narainganj ...	1	...	...	1	...	372·8	...	...	91·6	...	19·5	...	...	66·5	...
Faridpur ...	Faridpur ...	1	4	4	3	2	...	...	...	...	145·5	28·0	142·4	175·4	193·5	140·4
Backergunge...	Barisal	5	2	...	...	2	530·6	61·1	143·9	...	41·1	82·1	41·7	...	...	183·4
Mymensingh ...	Nasirabad ...	...	...	...	1	...	233·3	...	42·9	42·7	...	...	...	...	56·4	...
Chittagong ...	Chittagong ...	3	1	1	2	2	461·8	26·4	20·8	46·4	43·0	83·7	15·6	23·0	95·9	130·7
Noakhali ...	Sudharam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tippera ...	Comilla	2	1	1	...	2	175·1	159·0	63·9	...	...	37·7	26·1	30·6	...	76·7
Patna ...	Patna City ...	7	5	6	10	20	253·4	17·8	24·7	...	9·3	12·6	11·2	16·6	36·8	75·3
	Bihár	6	1	1	3	12	385·2	18·0	...	21·7	...	36·9	7·4	10·1	43·1	173·5
	Dinapore	4	...	2	3	4	37·2	18·8	8·3	...	...	22·6	...	18·4	41·0	50·7
Gaya ...	Gaya	1	4	4	4	6	348·6	49·1	41·6	7·7	9·9	3·5	16·3	21·3	31·6	60·6
Shahabad ...	Arrah	2	2	2	1	5	524·8	23·5	10·1	11·8	33·0	13·2	16·2	22·2	16·8	90·2
	Buxar	...	1	1	...	2	125·3	30·2	...	...	47·5	...	17·1	24·5	...	96·1
Muzaffarpur ...	Muzaffarpur ...	4	4	6	7	8	381·2	77·2	11·6	65·7	34·3	24·2	29·8	62·3	112·1	170·9
Darbhanga ...	Darbhanga ...	2	2	5	3	6	367·4	34·2	13·3	25·1	...	7·8	9·3	34·9	35·6	97·7
Saran ...	Chapra	2	2	1	3	5	331·7	20·1	...	20·7	30·0	11·3	11·7	8·6	37·7	76·4
Champaran ...	Motihari	2	1	1	4	...	759·1	...	...	39·9	78·0	51·6	35·1	48·5	222·9	...
Monghyr ...	Monghyr	2	2	7	7	7	385·2	50·1	7·4	36·3	...	10·1	11·7	57·1	91·5	101·5
	Jamálpur ...	...	2	...	...	3	732·4	34·1	60·2	...	64·5	...	43·1	...	...	233·9
Bhágalpur ...	Bhágalpur ...	6	5	9	2	21	144·9	58·2	22·1	...	21·0	23·9	23·7	61·3	20·5	253·8
Purnea ...	Purnea	...	...	1	4	4	367·5	...	...	...	...	...	...	28·0	222·0	257·7
Malda ..	English Bazar ...	1	2	3	5	4	881·4	...	69·3	42·1	48·9	22·6	48·4	106·0	347·6	295·9
Sonthal Parganas.	Deoghur	...	2	...	...	...	400·0	...	...	...	...	...	64·8	...	...	...
Cuttack ...	Cuttack	1	2	1	3	5	354·8	41·7	...	...	12·9	6·0	17·0	11·5	50·6	88·2
Puri ...	Puri	3	1	4	5	10	514·9	86·8	...	27·7	167·8	29·5	12·8	62·6	116·5	287·9
Balasore ...	Balasore	...	...	2	2	3	658·1	...	...	...	...	...	...	46·8	81·2	134·7
Hazáribágh ...	Hazáribágh ...	*	1	4	...	1	106·8	...	...	...	...	...	24·4	127·8	...	62·1
Lohardaga ...	Ranchi	1	1	2	2	...	221·3	28·2	23·5	25·7	37·4	13·6	16·9	57·3	106·0	...
Singbhum ...	Chaibassa	1	...	1	...	...	...	...	...	...	...	43·7	...	82·4	...	...
Manbhum ...	Purulia	4	3	2	...	...	1,175·1	116·7	...	...	63·7	104·2	92·0	117·8	...	...
	TOTAL ...	165	135	140	140	225	310·2	47·7	22·2	18·9	31·6	26·2	25·7	37·7	61·7	115·0

* Return not received up to date.

W. H. GREGG, *Dip. Publ. Health, Camb.*,
Sanitary Commissioner for Bengal.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 4th April 1892.

PUBLIC WORKS DEPARTMENT,—BENGAL.

IRRIGATION.

Statement showing heights over mean sea-level and low-water in the Rivers Ganges, Bhagiruthee, Jellinghee, and Brahmapootra, for the month of February 1892.

Date.		River Ganges. Mirzapur.		Benares.		Buxar.		Dinapur.		Monghyr.		Sahebgunge.		Rampore Beauleah.		Goalundo.	
Distance.	Miles.	From Allahabad ... 86		From Allahabad ... 134	From Mirzapur ... 48	From Benares 90		From Benares 177	From Buxar ... 87	From Benares 287	From Dinapur 110	From Benares 381	From Monghyr 94	From Benares 471	From Sahebgunge ... 90	From Benares 591	From Rampur Boalia ... 120
		Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.
										Below zero.		Below zero.		Below zero.			
1st	...	4·08	210·30	0·58	197·38	1·33	170·38	7·90	142·13	1·27	100·58	2·50	65·50	0·33	41·67	2·58	11·52
2nd	...	4·17	210·39	0·75	197·55	1·33	170·38	7·90	142·13	1·33	100·52	2·50	65·50	0·36	41·64	2·58	11·52
3rd	...	4·25	210·47	0·75	197·55	1·33	170·38	7·90	142·13	1·35	100·50	2·58	65·42	0·42	41·58	2·58	11·52
4th	...	4·25	210·47	0·75	197·55	1·25	170·30	7·90	142·13	1·39	100·46	2·58	65·42	0·44	41·56	2·58	11·52
5th	...	4·25	210·47	0·75	197·55	1·25	170·30	7·90	142·13	1·42	100·43	2·58	65·42	0·46	41·54	2·58	11·52
6th	...	4·25	210·47	0·75	197·55	1·25	170·30	7·90	142·13	1·46	100·39	2·67	65·33	0·50	41·50	2·42	11·36
7th	...	4·17	210·39	0·79	197·59	1·25	170·30	7·80	142·03	1·44	100·41	2·67	65·33	0·56	41·44	2·17	11·11
8th	...	4·25	210·47	0·83	197·63	1·25	170·30	7·80	142·03	1·50	100·35	2·67	65·33	0·62	41·38	1·92	10·86
9th	...	4·25	210·47	0·87	197·67	1·17	170·22	7·75	141·98	1·54	100·31	2·75	65·25	0·69	41·31	1·83	10·77
10th	...	4·17	210·39	0·92	197·72	1·17	170·22	7·75	141·98	1·56	100·29	2·75	65·25	0·75	41·25	1·75	10·69
11th	...	4·17	210·39	0·87	197·67	1·17	170·22	7·75	141·98	1·58	100·27	2·83	65·17	0·81	41·19	1·75	10·69
12th	...	4·17	210·39	0·87	197·67	1·33	170·38	7·75	141·98	1·58	100·27	2·83	65·17	0·85	41·15	1·75	10·69
13th	...	4·17	210·39	0·87	197·67	1·50	170·55	7·70	141·93	1·60	100·25	2·83	65·17	0·92	41·08	1·75	10·69
14th	...	4·42	210·64	0·87	197·67	1·58	170·63	7·70	141·93	1·62	100·23	2·92	65·08	0·96	41·04	1·83	10·77
15th	...	4·75	210·97	0·87	197·67	1·58	170·63	7·70	141·93	1·67	100·18	2·92	65·08	1·00	41·00	2·00	10·94
16th	...	4·50	210·72	1·79	198·59	1·67	170·72	7·70	141·93	1·69	100·16	2·92	65·08	1·00	41·00	2·17	11·11
17th	...	4·67	210·89	1·67	198·47	1·67	170·72	7·70	141·93	1·71	100·14	2·83	65·17	1·02	40·98	2·17	11·11
18th	...	4·67	210·89	1·50	198·30	1·58	170·63	7·75	141·98	1·75	100·10	2·92	65·08	1·04	40·96	2·17	11·11
19th	...	4·50	210·72	1·42	198·22	1·78	170·83	8·20	142·43	1·77	100·08	2·92	65·08	1·08	40·92	2·08	11·02
20th	...	4·33	210·55	1·33	198·13	1·58	170·63	8·50	142·73	1·79	100·06	3·00	65·00	1·10	40·90	2·00	10·94
21st	...	4·17	210·39	1·08	197·88	1·50	170·55	8·30	142·53	1·92	99·93	3·00	65·00	1·10	40·90	2·00	10·94
22nd	...	4·00	210·22	0·83	197·63	1·50	170·55	8·25	142·48	1·94	99·91	3·08	64·92	1·10	40·90	2·00	10·94
23rd	...	3·92	210·14	0·67	197·47	1·50	170·55	8·20	142·43	1·96	99·89	3·08	64·92	1·08	40·92	2·00	10·94
24th	...	3·92	210·14	0·54	197·34	1·50	170·55	7·90	142·13	1·96	99·89	3·00	65·00	1·08	40·92	1·83	10·77
25th	...	3·83	210·05	0·42	197·22	1·42	170·47	7·80	142·03	1·98	99·87	2·92	65·08	1·08	40·92	1·58	10·52
26th	...	3·75	209·97	0·42	197·22	1·42	170·47	7·80	142·03	2·00	99·85	3·00	65·00	1·04	40·96	1·50	10·44
27th	...	3·75	209·97	0·36	197·16	1·33	170·38	7·70	141·93	2·00	99·85	3·00	65·00	1·02	40·98	1·50	10·44
28th	...	3·75	209·97	0·33	197·13	1·33	170·38	7·60	141·83	2·04	99·81	3·08	64·92	1·02	40·98	1·67	10·61
29th	...	3·83	210·05	0·29	197·09	1·25	170·30	7·50	141·73	2·08	99·77	3·08	64·92	1·02	40·98	1·92	10·86

Date.	River Bhagiruthee. Berhampore.		River Jellinghee. Sarupgunge.		River Brahmapootra. Gowhatty.	
	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.
					Below zero.	
1st	2·42	36·16	2·50	6·80	0·30	148·46
2nd	2·37	36·11	2·50	6·80	0·30	148·46
3rd	2·33	36·07	2·50	6·80	0·30	148·46
4th	2·29	36·03	2·42	6·72	0·30	148·46
5th	2·25	35·99	2·25	6·55	0·60	148·16
6th	2·21	35·95	2·08	6·38	0·70	148·06
7th	2·21	35·95	2·00	6·30	0·80	147·96
8th	2·17	35·91	2·00	6·30	1·00	147·76
9th	2·12	35·86	2·00	6·30	1·20	147·56
10th	2·08	35·82	2·00	6·30	1·30	147·46
11th	2·08	35·82	2·08	6·38	1·40	147·36
12th	2·00	35·74	2·08	6·38	1·60	147·16
13th	2·00	35·74	2·08	6·38	1·80	146·96
14th	2·00	35·74	2·17	6·47	2·40	146·36
15th	2·00	35·74	2·58	6·88	2·00	146·76
16th	1·97	35·71	2·00	6·30	2·30	146·46
17th	2·00	35·74	1·83	6·13	2·80	145·96
18th	2·00	35·74	1·83	6·13	2·90	145·86
19th	1·96	35·70	2·00	6·30	2·90	145·86
20th	1·92	35·66	2·00	6·30	2·95	145·81
21st	1·92	35·66	2·00	6·30	2·95	145·81
22nd	1·87	35·61	1·92	6·22	2·95	145·81
23rd	1·87	35·61	1·83	6·13	2·95	145·81
24th	1·87	35·61	1·83	6·13	3·00	145·76
25th	1·83	35·57	1·83	6·13	3·00	145·76
26th	1·83	35·57	1·83	6·13	3·00	145·76
27th	1·83	35·57	1·92	6·22	3·25	145·51
28th	1·83	35·57	2·00	6·30	3·00	145·76
29th	1·83	35·57	2·00	6·30	2·70	146·06

CALCUTTA,
The 4th April 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 2nd April 1892, as compared with the corresponding week of the previous year.

Nature of Cargo.	Week ending Saturday, the 2nd April 1892.			Week ending Saturday, the 4th April 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	249	67,980	1,065	1,010	2,96,475	5,429
Jute	1	475	9	68	37,600	614
Firewood	65	32,375	494	105	76,200	1,131
Other articles	578	1,37,800	1,958	943	3,37,490	4,527
Total ...	893	2,38,630	3,526	2,126	7,47,765	11,701

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 26th March 1892, on 1,525½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs.* A. P.			
Total traffic for the week ...	333,170*	*3,71,641 11 0	27,04,167 10	6,96,783 9 0	16,853 7 0	10,85,228 11 0	83,928¼	110,212	194,140¼
Or per mile of railway	......	243 9 11	.....	456 11 7	11 0 9	711 6 3	......	......	....
For previous 11 weeks of half-year	3,121,241	35,09,265 3 0	3,11,81,908 0	71,85,690 4 8	1,90,221 8 9	1,08,85,177 0 5	845,410¾	1,151,411½	1,996,822½
Total for 12 weeks ...	3,454,411	38,80,906 14 0	3,38,86,075 10	78,82,423 13 8	2,07,074 15 9	1,19,70,405 11 5	929,339	1,261,623½	2,190,962¾
Comparison.									
Total for corresponding week of previous year	236,333½	3,09,562 11 0	28,06,026 30	6,32,947 14 9	26,357 10 11	9,68,868 4 8	74,089	105,539	179,628
Per mile of railway corresponding week of previous year ...	......	202 14 10	......	414 14 7	17 4 5	635 1 10	......	......	.....
Total to corresponding date of previous year	3,510,040½	42,71,215 3 6	3,32,67,938 0	78,44,450 2 1	2,60,235 7 10	1,23,75,900 13 5	938,734	1,233,652	2,172,386

* The increase in coaching traffic is due chiefly to "Moha Baronee" bathing festival and to running of special trains over the D-U-K. Railway.

PATNA-GAYA STATE RAILWAY.

Approximate Return of Traffic for week ended 26th March 1892, on 57¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	29,683*	16,531 1 0*	59,679 30	3,857 15 0	55 0 0	20,414 0 0	1,944	1,328	3,272
Or per mile of railway	519	289 0 1	1,043 20	67 7 2	0 15 4	357 6 7	......	......	......
For previous 11 weeks of half-year	149,064	78,988 6 0	6,60,318 10	38,995 0 0	526 9 3	1,18,509 15 3	20,019	9,487	29,506
Total for 12 weeks ...	178,747	95,519 7 0	7,19,998 0	42,852 15 0	581 9 3	1,38,953 15 3	21,963	10,815	32,778
Comparison.									
Total for corresponding week of previous year	16,306	8,993 10 7	57,325 0	3,608 1 0	48 14 6	12,650 10 1	1,663	731	2,394
Per mile of railway corresponding week of previous year ...	285	157 3 9	1,002 10	63 1 3	0 13 8	221 2 8	......	......	.....
Total to corresponding date of previous year	229,193½	1,30,303 11 7	5,40,557 30	37,132 15 0	718 7 6	1,74,155 2 1	20,247	9,862	30,109

* The increase in coaching traffic is due to "Moha Baronee" bathing festival.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 26th March 1892, on 22½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	24,648*	6,699 0 0*	15,709 10	665 6 0	11 0 0	7,375 6 0	860	225	1,085
Or per mile of railway	......	301 1 3	......	29 14 6	0 7 11	331 7 8	......	......	......
For previous 11 weeks of half-year ...	235,841	59,175 8 0	1,92,208 20	7,203 1 9	125 0 9	66,503 10 6	10,058	1,074	11,132
Total for 12 weeks ...	260,489	65,874 8 0	2,07,917 30	7,868 7 9	136 0 9	73,879 0 6	10,918	1,299	12,217
Comparison.									
Total for corresponding week of previous year	19,232	4,873 1 8	18,177 10	600 4 0	11 15 3	5,404 4 11	850	118	968
Per mile of railway corresponding week of previous year ...	......	219 0 3	......	27 6 2	0 8 7	246 15 0	......	......	......
Total to corresponding date of previous year	312,262	83,718 15 1	1,75,609 0	5,975 14 0	124 8 9	89,819 5 10	11,696	1,306	13,020

* The increase in coaching traffic is due to the "Moha Baronee" bathing festival.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 26th March 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	25,768*	21,696 6 0*	45,544 20	10,396 2 0	61 0 0	32,153 8 0	6,473	2,293	8,766
Or per mile of railway	......	133 14 10	......	64 2 10	0 6 0	198 7 8	......	......	......
For previous 11 weeks of half-year	163,645	1,11,469 5 0	5,05,619 30	91,068 6 0	629 15 9	2,03,167 10 9	65,861½	22,481½	88,343
Total for 12 weeks ..	189,413	1,33,165 11 0	5,51,164 10	1,01,464 8 0	690 15 9	2,35,321 2 9	72,334½	24,774½	97,109
Comparison.									
Total for corresponding week of previous year	14,042	15,792 13 9	33,143 10	8,612 11 0	56 5 9	24,491 14 6	6,279	2,124	8,403
Per mile of railway corresponding week of previous year ..	......	97 7 9	......	53 5 7	0 5 7	151 2 11	......	......	......
Total to corresponding date of previous year	55,265¼	51,184 0 11	1,12,387 20	30,057 5 0	209 6 3	81,450 12 2	24,248	6,927	31,175

* The increase in coaching traffic is due chiefly to "Moha Baronee" bathing festival and to running of special trains over the D.-U.-K. Railway.

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Behar Sections.)

Approximate Return of Traffic for week ended 26th March 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	175,347	1,09,280 0 0	5,92,047 0	80,870 0 0	22,100 0 0	2,13,250 0 0	29,371	26,733	56,104
Or per mile of railway	226	141 0 0	762 0	104 0 0	†12 0 0	257 0 0	......	......	......
For previous 11 weeks of half-year*	1,935,902	9,51,314 0 0	62,74,941 0	9,15,483 0 0	1,40,448 0 0	20,07,245 0 0	321,627	311,517	633,144
Total for 12 weeks ...	2,111 249	10,60,594 0 0	68,66,988 0	9,96,353 0 0	1,62,584 0 0	22,19,495 0 0	350,998	338,250	689,248
Comparison.									
Total for corresponding week of previous year . ..	154,878	79,005 0 0	7,22,122 0	1,41,034 0 0	25,690 0 0	2,45,729 0 0	27,464	37,441	64,905
Per mile of railway corresponding period of previous year ...	199	102 0 0	929 0	181 0 0	†14 0 0	297 0 0	......	......	......
Total to corresponding date of previous year	2,426,409	14,57,351 0 0	84,48,570 0	16,37,144 0 0	3,53,570 0 0	34,48,065 0 0	(a)337,114	(a)481,840	818,954

* Audited up to week ending 6th February 1892.
† Excluding steamer earnings.
(a) Corrected.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 26th March 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	30,035	12,274 0 0	42,876 0	3,014 0 0	40 0 0	15,358 0 0	3,525	2,147	5,672
Or per mile of railway ..	240	98 0 0	343 0	25 0 0	......	123 0 0	......	......	......
For previous 11 weeks of half-year*	332,914	1,22,982 0 0	6,68,215 0	41,673 0 0	1,126 0 0	1,65,781 0 0	40,064	23,983	64,047
Total for 12 weeks ...	362,949	1,35,256 0 0	7,11,091 0	44,717 0 0	1,166 0 0	1,81,139 0 0	43,589	26,130	69,719
Comparison.									
Total for corresponding week of previous year ..	25,461	10,138 0 0	72,666 0	4,274 0 0	53 0 0	14,465 0 0	3,420	2,196	5,616
Per mile of railway corresponding week of previous year ...	204	81 0 0	581 0	34 0 0	1 0 0	116 0 0	.....	.....	......
Total to corresponding date of previous year	305,530	1,91,523 0 0	7,86,442 0	44,823 0 0	779 0 0	2,37,125 0 0	(a)46,188	(a)26,144	72,332

* Audited up to week ending 6th February 1892.
(a) Corrected.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 26th March 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-mile run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	17,354	6,291 0 0	11,135 0	1,161 0 0	58 0 0	7,513 0 0	2,499	725	3,224
Or per mile of railway	202	73 0 0	129 0	13 0 0	1 0 0	87 0 0	......	......	......
For previous 11 weeks of half-year*	196,514	63 303 0 0	1,28,569 0	13,334 0 0	1,057 0 0	77,794 0 0	27,144	9,176	36,320
Total for 10 weeks ...	213,868	69,594 0 0	1,39,704 0	14,598 0 0	1,151 0 0	85,307 0 0	29,643	9,901	39,541
Comparison.									
Total for corresponding week of previous year	17,120	5,522 0 0	49,414 0	3,404 0 0	231 0 0	9,157 0 0	2,414	922	,336
Per mile of railway corresponding week of previous year .	199	64 0 0	575 0	39 0 0	3 0 0	106 0 0	......	......	......
Total to corresponding date of previous year	237,313	87,574 0 0	4,98,365 0	44,976 0 0	2,340 0 0	1,34,890 0 0	31,748	17,372	49,120

* Audited up to week ending 23rd January 1892.

NALHATI STATE RAILWAY.

Approximate Return of Traffic for week ended 26th March 1892, on 27½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,916	1,018 0 0	11,941 0	476 0 0	180 0 0	1,674 0 0	370	611	981
Or per mile of railway	107	37 0 0	438 0	17 0 0	7 0 0	61 0 0	......	......	......
For previous 11 weeks of half-year*	36,830	13,055 0 0	1,49,423 0	8,329 0 0	586 0 0	21,970 0 0	5,620	5,762	11,382
Total for 12 weeks ...	39,746	14,073 0 0	1 61,364 0	8,805 0 0	766 0 0	23,644 0 0	5,990	6,373	12,363
Comparison.									
Total for corresponding week of previous year	2,885	1,101 0 0	16,232 0	701 0 0	185 0 0	2,077 0 0	370	611	981
Per mile of railway corresponding week of previous year ...	106	44 0 0	596 0	25 0 0	7 0 0	76 0 0	......	......	......
Total to corresponding date of previous year	49,781	18,788 0 0	1,50,607 0	7,503 0 0	365 0 0	26,656 0 0	(a)6,643	(a)7,265	13,908

* Audited up to week ending 6th February 1893
(a) Corrected.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhoot State Railway.)

Approximate Return of Traffic for the week ending 19*th March* 1892, *on* 755 *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipt			Coaching.	Merchandise.	Total
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 755 miles open	77,890	32,770	3,07,850	42,980	8,400	84,150	11,290	16,615	27,0
Or per mile of railway	103·17	43·40	407·75	56·93	11·13	111·46	......	......	......
For previous 10¾ weeks of half-year (a)	824,027	3,60,284	33,62,864	4,48,343	92,555	9,01,182	120,907	167,688	288,5
Total for 11¾ weeks ...	901,917	3,93,054	36,70,714	4,91,323	1,00,955	9,85,332	132,197	184,303	316,5
Comparison.									
Total for corresponding week of previous year on 705 miles open	83,728	34,431	4,19,402	56,828	8,797	1,00,056	11,428	17,193	28,0
Per mile of corresponding week of previous year	118·76	48·84	594·90	80·61	12·47	141·92	......	......	......
Total to corresponding date of previous year	1,081,696	4,69,932	46,13,174	6,50,042	97,922	12,17,896	125,244	219,453	344,69

(a) Includes audited figures for first 9 days of January 1892.

Printed and published by Edwin Morris Lewis at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 6th April 1892.

[REGISTERED No. 29.]

No. 15 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, APRIL 13, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

AMENDMENT OF THE COURT OF WARDS' ACT.

REVENUE DEPARTMENT—LAND REVENUE, No. 1470LR.

Calcutta, the 12th April, 1892.

RESOLUTION.

READ again—

Letter No. 945, dated the 20th April 1891, with enclosure, from the Registrar of the High Court.

Letter No. 1577, dated the 15th September 1891, with enclosure, from the Legislative Department of the Government of India.

Read—

Abstract of the Proceedings of a Meeting, held on the 26th March, 1892, of the Council of the Governor-General of India for the purpose of making Laws and Regulations, published in Part VI of the *Gazette of India* of 2nd April, 1892.

Under the provisions of clause (7), section 7 of the Public Demands Recovery Act, VII (B.C.) of 1880, arrears of rent and other demands recoverable as rent, on private estates under the management of the Court of Wards, are realizable by means of certificates, just as any sum of money due to Government from any private individual or others under the other clauses of the same section. This power is, however, restricted in practice by the following executive orders, which form rules 22, 22A, and 23 at pages 192-3 of the Manual issued by the Board of Revenue for the guidance of officers in the administration of Wards', Attached and Encumbered Estates:—

"At the same time it must never be forgotten that the certificate procedure is not to be looked upon as the normal method of collecting the dues of Government. The officer responsible for the collections will in all cases be expected to show to the satisfaction of the Collector that he has done his best to realize the amount by ordinary means, and that defaulters have been duly warned before the report of their names to the Collector.

"It has been brought to the notice of Government that certificates are in some districts filed in excessive numbers, and for demands which would probably have been amicably realized had the claim been brought to the notice of the defaulter. Great caution should be used in the issue of certificates which are a suitable method for the recovery only of demands of which the debtor was previously cognizant, and which he has neglected to pay in due course.

"The Collectors should not allow certificates to issue in cases where questions of right or title are concerned. When such questions arise, the Revenue Courts are at once to set aside the certificate under section 13 of Act VII (B.C.) of 1880.

"The object of the extension of the certificate procedure to Wards' estates is to facilitate collections, and to do this by dispensing with every step between the filing of the plaint and the making of the decree; but it is not intended that certificates should be filed in any cases in which suits would not have been instituted under the former procedure. It rests with Collectors to exercise due care and discretion in the making of certificates, so as to leave no room for any misapprehension of the practice."

2. In April 1891, a Bill having been introduced into the Bengal Legislative Council to amend the Court of Wards' Act, IX (B.C.) of 1879, by empowering the Court of Wards to take charge of the property of persons declared disqualified on their own application, the Hon'ble the Judges of the High Court took exception to the measure on the ground that it involved a further extension of the certificate procedure which ought not, in their opinion, to be put in force in respect of any demand which is doubtful or the subject of a *boná fide* dispute, and the Government of India shared and supported the view taken by the High Court. The Bill out of which this discussion arose was transferred to the Supreme Legislative Council, and was passed into law as Act IV of 1892, and published in the *Gazette of India* of the 26th March.

3. It has been urged, and the Lieutenant-Governor concurs in the view taken, that when the Court of Wards first assumes the management of a private estate, it generally finds the estate in a condition of great confusion. The accounts and the rent rolls are in an extremely inaccurate and untrustworthy state, and it is a hard thing for a raiyat that a Manager of an estate should have legal power given him to act upon inaccurate and untrustworthy *jamabandis* and other documents as if they were thoroughly reliable, and should be able to issue a process against him for the rent which these papers show to be due, and impose on the raiyat the burden of proving that the rent is not due. It is clear from the orders of the Board of Revenue quoted above that such a case cannot often occur, and that the Board have foreseen the evil which it is desired to guard against. But still it is possible that from time to time those orders may be overlooked, and it is desirable to take more definite steps for preventing the occurrence of any injustice.

4. Sir Charles Elliott fully agrees with the High Court in thinking that a summary process is not suitable in a case where any dispute exists as to whether the amount is due or not, and His Honour intends to take early steps to propose the amendment of the Public Demands Recovery Act, VII (B.C.) of 1880, in this direction. Meanwhile, the Lieutenant-Governor directs that, as soon as an estate comes before the Court of Wards, the first duty of the Court shall be to carry out the provisions of section 101 and the following sections of the Bengal Tenancy Act, VIII of 1885, to make a settlement of the estate, that is, to have a field measurement made and a complete record of rights prepared. Until such a record of rights is made, and every dispute between landlord and raiyat is decided, and a clear account has been prepared showing exactly what each man holds, what his tenure is, and what the demand from him is, no certificate is to be issued for any unpaid arrears of that demand. Until such measures have been adopted, the Manager of the estate is not to be permitted to use the certificate procedure, but must go on collecting only undisputed rents, or have recourse to the ordinary law. The Board of Revenue will be requested to issue a circular with a view to rules to this effect being inserted in the Wards' Manual, and to see that the rules are strictly observed.

ORDER.—Ordered that this Resolution be published in the *Calcutta Gazette*, and that a copy of it be forwarded to the Board of Revenue, Lower Provinces.

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,

Secretary to the Government of Bengal.

BENGAL VETERINARY INSTITUTION.

REVENUE DEPARTMENT.

Calcutta, the 13*th April*, 1892.

RESOLUTION No. 1476Agri.

READ—

The Resolution of this Government, No. 3886 Agri., dated the 22nd December 1891, regarding the establishment of a Veterinary School and Hospital in the vicinity of Calcutta.

Letter from Brigade Surgeon Lieutenant-Colonel Kenneth McLeod, Professor of Surgery, Calcutta Medical College, dated the 26th March 1892, offering to found a scholarship in connection with the Bengal Veterinary Institution.

DR. KENNETH McLEOD, Professor of Surgery, Calcutta Medical College, has endorsed to Government 5 per cent. debentures, amounting to Rs. 2,500, for the purpose of founding a scholarship of the value of Rs. 10 a month in connection with the Bengal Veterinary Institution on the following conditions:—

(1) That the scholarship be called "The Sheo Baksh Bagla Veterinary Scholarship," in recognition of that gentleman's liberality in connection with the establishment of the first Veterinary School and Hospital in Bengal.

(2) That a candidate must have passed (*a*) the Entrance Examination of the Calcutta University, or (*b*) the Middle English Scholarship, or (*c*) the Middle Vernacular Scholarship examination, preference being given to these examinations in the order stated.

(3) That in awarding the scholarship preference be given to an inhabitant of the district of Jessore.

(4) That in the event of more than one candidate possessing the necessary qualifications coming forward, preference be given to the candidate who has attained the largest number of marks in the examination.

(5) That the scholarship be tenable for a period of three years, in connexion with the Bengal Veterinary Institution.

2. The Lieutenant-Governor is pleased to accept Dr. Kenneth McLeod's handsome offer, and desires to thank him for his liberality and public spirit. The interest which Dr. Kenneth McLeod has throughout his service taken in the treatment of the diseases of cattle in Bengal is well known, and is further proved by his thus endowing, on his departure from India, the institution which he has done so much to encourage.

3. The securities have been re-endorsed to the Accountant-General, Bengal, who will be the Administrator of the Fund.

ORDER—Ordered that copies of the Resolution be forwarded to the Director of Land Records and Agriculture, Babu Sheo Baksh Bagla, Mr. W. B. Gwyther, Members of the Committee appointed to complete the organization of the proposed School and Hospital, and for their management when established, and to Dr. Kenneth McLeod for information.

Ordered also that the Resolution be published in the *Calcutta Gazette*.

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,

Secretary to the Government of Bengal.

CALCUTTA,
The 12*th April*, 1892.

LIBERALITY OF BABU DURGA PRASAD, OF GAYA.

No. 1054Med., dated Calcutta, the 9th April 1892.

From—H. H. RISLEY, ESQ., C.I.E., Offg. Secretary to the Government of Bengal, Municipal Department,
To—The Commissioner of the Patna Division.

I AM directed to acknowledge the receipt of your letter No. 243G, dated 28th March 1892, with which you forward a copy of a letter from the Magistrate of Gaya reporting that Babu Durga Prasad, a banker and zamindar of Gaya, has deposited a sum of Rs. 10,000 in the local treasury as a contribution to the Gaya Branch of the Lady Dufferin's Fund, to be utilized for erecting a hospital for women in that town, to be called the "Panitra Ward," after the name of the donor's mother.

2. In reply, I am directed to say that the Lieutenant-Governor accepts the gift offered by Babu Durga Prasad on the terms proposed, and to request that you will be good enough to convey to him the thanks of His Honour for his liberality and public spirit. The correspondence will be published in the *Calcutta Gazette.*

No. 243G, dated Bankipore, the 28th March 1892.

From—D. R. LYALL, ESQ., C.S.I., Commissioner of the Patna Division,
To—The Chief Secretary to the Government of Bengal.

I HAVE the honour to forward herewith copy of a letter No. 743, dated the 18th instant, from the Magistrate of Gaya, together with a copy of a letter from Babu Durga Prasad, a banker and zamindar of Gaya, offering a contribution of Rs. 10,000 to the Gaya Branch of the Lady Dufferin's Fund.

2. I approve of the suggestions made by Mr. Grierson in paragraphs 4 and 5 of his letter.

No. 743, dated Gaya, the 18th March 1892.

From—G. A. GRIERSON, ESQ., Magistrate of Gaya,
To—The Commissioner of the Patna Division.

ON the eve of my departure from this district, I have much pleasure in forwarding herewith copy of a letter from Babu Durga Prasad, in which he mentions his intention of contributing Rs. 10,000 to the Gaya Branch of the Lady Dufferin's Fund. The money was paid into the treasury, to the credit of the Fund, to-day.

2. This will, I hope, enable the Committee to at once commence the erection of the proposed Zanána Hospital, which has been one of my most cherished designs for the benefit of the people of Gaya.

3. Babu Durga Prasad represents a large banking interest in Gaya Town, and has also landed property which he manages well.

4. I think that this most liberal and public-spirited contribution deserves some special recognition; and I would suggest that the gift be reported to Government, and the particulars published in the Gazette.

5. I have already thanked him in my own name, and I should also be glad if he were thanked by Government also.

Dated Gaya, the 16th March 1892.

From—BABU DURGA PRASAD, Banker and Zamindar, Gaya Town,
To—The Magistrate-Collector of Gaya.

I HAVE the honour to state that it is my eager desire to see that the Lady Dufferin Zanána Hospital at Gaya be built as soon as possible. I have therefore much pleasure in letting you know that I am willing to contribute Rs. 10,000 only towards the Gaya Branch of Lady Dufferin Fund. I beg that this humble contribution be accepted in the name of my much loved mother, to perpetuate whose memory a ward may be called "Panitra Ward," after her name.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 9th April 1892.

	No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.				
BURDWAN DIVN.	1	Burdwan April 9, '92 Kalna ... Katwa ... Raniganj ...	Nil 0·89 0·06 0·76	Weather—cloudy and local storms. The showers which have fallen in limited areas have done a little good, but more rain urgently needed. Prices of common rice:— Srs. Sadar ... ... 12 to 16 } per rupee. Kalna ... ... 10 to 13¼ Katwa ... ... 13¼ Raniganj 13
	2	Bankura .. 9, '92	Nil	Weather—very hot. Rain wanted for ploughing. Condition of cattle fair Fodder and water not sufficient. Common rice selling at 15 seers per rupee at Bankura and 14 seers at Vishnupur.
	3	Birbhum .. 9, '92 Rampur Hât ...	Nil 0·69	A little rain in the north and on the eastern frontier. Where the rain has fallen the lands have been ploughed. Water is very low and fodder is getting scanty. Price of rice 13 to 16 seers per rupee.
	4	Midnapore .. 9, '92	Nil	Weather—very hot. Rain very much wanted. *Boro* is withering from want of rain. Fodder is beginning to run short. Prices of common rice:— Srs. Sadar ... ... 13 } per rupee. Contai ... ... 15 Tamluk ... ... 13 Ghatál 13¼
	5	Hooghly .. 9, '92 Serampore ... Jahánabad ...	2·08 0·17 Nil	Temperature has fallen slightly owing to rain. No further indication of rain. The rain that fell was insufficient and was local. It may have facilitated ploughing for *aus* to some extent. Prices rising gradually in Serampore and Jahánabad. Prices of common rice:— Srs. Ch. Sadar—figures not furnished. Serampore ... ... 11 14 } per rupee. Jahánabad ... ... 13 0 No difficulty in obtaining fodder-supply.
	6	Howrah .. 10, '92	0·15	Weather—warm. Strong south wind. Rain wanted for *rabi* and sugarcane. Condition of cattle good. Fodder and water sufficient. Price of rice 11 to 13 seers per rupee.
PRESIDENCY DIVN.	7	24-Parganas .. 12, '92	0·12	Weather—hot with strong wind. The little rain which fell during the week throughout the district has not improved the state of the ground. More rain is wanted. Want of drinking water has been reported from all the subdivisions. Supplying of fodder sufficient. Prices stationary.
	8	Nadia „ 9, '92 Kushtia ... Meherpur ... Ranaghat ...	1·16 1·21 0·10 0·22	Weather—hot. Ploughing for early rice going on. Rain much wanted for sowing operations, what has fallen not being nearly sufficient. Common rice sells at from 11 seers to 13 seers 14 chitaks per rupee. Condition of cattle good, and supply of fodder sufficient; but there is some scarcity of water.
	9	Khulna .. 9, '92 Bágerhat ... Satkhira ...	1·85 0·30 0·11	Weather—hot during the day with high winds. A good shower of rain fell at the head-quarters of the district, but the rain was scanty in other parts, and more rain is urgently needed everywhere for the *boro* on the ground, and for the cultivation of *aman* and *til*. Price of rice varies from 11 to 15 seers per rupee. Fodder for cattle sufficient, but want of drinking-water is still being felt by men and cattle.
	10	Jessore „ 9, '92 Jhenida .. Magura ... Narail ... Bangaon ...	0·44 0·53 0·62 0·69 0·80	Weather—hot and cloudy. More rain wanted for tillage. Drinking water generally insufficient for want of rain. Price of rice stationary.
	11	Murshidabad „ 9, '92	0·07	Weather—hot and dry. Rain wanted very badly. Harvesting of *rabi* crops almost completed. Sowing of *bhadoi* crop has commenced in Jangipur subdivision. In Kandi subdivision sowings delayed for want of rain. No want of fodder for cattle. Common rice sells at 11¼ seers per rupee.
CHITTAGONG DIVN.	12	Chittagong „ 12, '92	Nil	Weather—unusually dry. Rain badly wanted. Prices steady.
	13	Noakhali „ 9, '92	0·41	Weather—hot. State of standing crops unsatisfactory. High tides flooded fields in the islands and littoral tracts. Rain very much wanted for *aus* sowings. Fodder not insufficient, but drinking water is. No cattle-disease except in Chhagalnaya. Price of rice stationary.
	14	Tippera „ 9, '92	Nil	Weather—hot, bright. Harvesting of *kalai* completed; outturn about ten annas. Chillies being collected. Ploughing going on. Rain badly wanted. Cattle-disease severe in Sadar subdivision.
	15	Chittagong Hill Tracts. „ 7, '92	Nil	Weather—very hot. Gathering of chillies continues. Transplanting of sugar-cane almost over. Lands being ploughed for *aus*. *Jum* burning continues. Cattle-disease prevailing. Common rice being sold at 10 seers per rupee.

No.	District and date of return.		Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—concld.				
Dacca Divn.				
16	Dacca	April 9, '92	Nil	Weather—getting warm and mostly fine. *Cheena, kaon* and *boro* paddy doing well. Cultivation for early rice and jute going on, but more rain wanted. Common rices selling at from 12 to 15 seers per rupee. Fodder available. Condition of cattle fairly good.
17	Faridpur	„ 9, '92	0·04	Weather—very hot. Rain is much wanted for sowings. Very few crops on the ground, and their condition is not particularly good. Rice selling at head-quarters at 14 seers, at Madaripur at 13½ seers, and at Goalundo at 13 seers per rupee. No cattle-disease and no want of fodder.
18	Backergunge	„ 9, '92	0·48	Weather—hot. State and prospects of crops unsatisfactory. Rain much wanted. Ordinary rice sells at from 10 to 14 seers per rupee. Fodder sufficient, but good drinking water scarce.
19	Mymensingh	„ 9, '92	1·90	Weather—very hot. Prospects of standing crops fair. Sowing of *aus* and jute has commenced. Common rice sells at from 13½ to 16 seers per rupee. Supply of fodder and water sufficient. Condition of cattle good.
Rajshahi Divn.				
20	Dinajpur	„ 9, '92	0·94	Weather—hot; mornings still cool. Rain has improved prospects. Sowing of *bhadoi* and jute continues. Price of rice at Sadar 12 seers per rupee. At Thakurgaon prices fell from 10 to 12 seers, and the Subdivisional Officer reports a very favourable turn for the better in prospects. Condition of cattle fair. Supply of fodder and drinking water fair.
	Thakurgaon	...	0·66	
21	Rajshahi	„ 9, '92	1·17	Weather—getting warmer every day. Rain has done some good to the cultivation of jute, *aus* and *aman*, which is going on briskly. Rain is still badly wanted for these crops. *Rabi* harvest over. Supply of fodder and water sufficient. Condition of cattle good, except a few cases of small-pox reported from Nator thana only. Price of rice varies from 11 to 15 seers per rupee.
	Nator	..	0·70	
	Nowgong	...	0·30	
22	Rangpur	„ 9, '92	Nil	Weather—varies from sultry heat to comparatively cool weather. Prospects unchanged. Sowing of *aus* paddy and jute continues. *Rabi* is being harvested. Outturn of sugarcane averages 15 annas and of tobacco 11 annas. Price of common rice about 12 seers per rupee. Fodder sufficient.
	Gaibanda	...	1·17	
	Nilphamari	...	0·02	
	Kurigaon	...	Nil	
	Ulipur	...	Nil	
23	Bogra	„ 9, '92	1·05	Weather—generally fine and hot, with variable winds. *Aus* rice and jute have sprouted in some places, and these plants and sugarcane are doing well. The plentiful rain has enabled the cultivators to plough a great extent of land, and this is the most important matter now. Common rice is selling on the average at 13 seers a rupee.
	Sherpur	...	0·51	
24	Pabna	„ 9, 92	0·21	Weather—cool in the morning and hot during the day. Recent rain has facilitated the sowings a little, but more rain is wanted. Rice sells between 12 and 13 seers per rupee. Fodder and water-supply sufficient everywhere, except in Dulai.
25	Darjeeling	„ 9, 92	1·46	Weather—fair. There has been general rain in the district, but more is needed in the Terai.
26	Jalpaiguri	„ 9, '92	1·33	Weather—hot and cloudy at times. Cultivation of jute and *aus* going on. Recent rain has facilitated agricultural operations generally. More rain wanted. Common rice sells at from 8 to 11 seers per rupee. Cattle-disease reported from thana Boda. Fodder and water-supply still sufficient.
BIHAR.				
Bhagalpur Divn.				
27	Monghyr	„ 9, '92	0·02	Weather—cooler in the early part of the week, but very warm in the latter part. Ploughing going on. Some *karaoti* rice sown after the shower of the 3rd in the north-east. Neither mango nor *mahua* promises a good outturn. Good outturn of sugarcane. *Cheena* coming up well. Water getting scarce, and fodder also, in places.
	Begusarai	...	Nil	
	Jamui	...	Nil	
28	Bhágalpur	„ 9, '92	0·21	Weather—seasonable. Rain has done good to *cheena* and sugarcane and has helped ploughing of high lands and brought up the rice sown in low lands. More rain much wanted, especially in the north. Cattle healthy. Fodder sufficient. Water low.
29	Purnea	„ 9, '92	1·00	Weather—seasonably hot. East winds. *Rabi* harvest nearly complete. The late rain was of much use for ploughing and sowing *bhadoi*. From Kishanganj it is reported that *kauni* and jute are doing well, and that prices went down 1 seer after the rain. In some parts of the south of the district as much as an inch and a half of rain fell. No scarcity of water or fodder. Prices of common rice:— Srs. Sadar ... 11 to 11½; Kishanganj ... 11; Araria ... 12 } per rupee.
	Kishanganj	...	0·92	
	Araria	...	0·04	
30	Malda	„ 9, '92	0·30	Weather—very hot since last 2 days. Rain fell on the 4th and 5th and the weather was cool on those days. The rainfall of the 4th has done much good to the *boro* rice which is coming into ear, and also to the mango crop. Sowing of *bhadoi* crops has commenced in some places. Supply of fodder sufficient. No cattle disease. Tanks and wells drying. Coarse rice sells at 11 to 13 seers a rupee.
	Chanchal	...	0·25	
	Shibganj	...	1·38	
	Gajol	...	0·6	
31	Sonthal Parganas	„ 9, 92	Nil	Weather—hot and sultry. Winds easterly and southerly. Rain on the east side. *Mahua* and mango crops not turning out well. Sugarcane secured in Godda. Cultivation going on in Rajmahal and Pakur. Fodder and water getting scarce on west side (Deoghur, Jamtara and west of Dumka). Price of rice from 11 to 14 seers per rupee. Pinching felt in parts of Dumka.

No.	District and date of return		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BIHAR—contd.				
Patna Division.				
32	Patna	April 9, '92	Nil	Weather—hot. East wind prevailing. Threshing and winnowing of *rabi* in progress. Lands being prepared for *cheena* and *bhadoi* crops. Common rice selling at from 11 to 13 seers per rupee.
33	Gaya	„ 9, '92	Nil	Weather—warm. East wind for most of the week. Harvesting of *rabi* crop completed. Prices of food-grains stationary. Supply of fodder and water yet sufficient, except in some villages of Aurangabad subdivision.
	Nawáda	...	Nil	
	Aurangabad	...	Nil	
	Jahánabad	...	Nil	
34	Shahabad	„ 9, '92	Nil	Weather—cooler, with cloudy sky and westerly winds. *Rabi* crops are being threshed and winnowed. Results, all things considered, are fair. Sugarcane is being planted out extensively and irrigated. Millets are also being sown to some extent. Prices stationary. Fodder and water abundant.
	Buxar	...	Nil	
	Bhabhua	...	Nil	
	Sasarám	...	Nil	
35	Darbhanga	„ 9, '92	Nil	Weather—hot. East wind prevailed during the week. *Rabi* harvest virtually over. Lands being prepared for *mung* and *dhan*, but rain badly wanted. Country very dry, and water and fodder getting scarcer daily.
36	Muzaffarpur	„ 9, '92	Nil	Weather—hot, with light east winds. *Rabi* harvest completed. Field work practically at a standstill. Prices slightly rising. Water in tanks getting low, but no practical inconvenience reported except in Lalganj.
	Hajipur	...	Nil	
	Sitamarhi	...	Nil	
37	Saran	„ 9, '92	Nil	Weather—hot and seasonable. East winds till the 8th. *Rabi* harvest nearly over. Opium weighments in full swing. Rain wanted for indigo. Prices of common rice:— Chapra ... ... Srs. 11¼ } Siwán ... ... 13 } per rupee. Gopalganj ... ... 13 }
38	Champaran	„ 9, '92	Nil	Weather—hot with east and west wind. *Rabi* harvest nearly completed. Opium weighments just commenced. Indigo not doing well for want of moisture. *Kodo, arhar, dhan, marua, sawan, mung, &c.*, are being sown. Fodder and water sufficient. Prices rising on account of exportation.
ORISSA.				
Orissa Divn.				
39	Cuttack	„ 9, '92	Nil	Weather—hot. Rain badly wanted throughout the district for ploughing. Fodder-supply decreasing in parts for want of rain. Price of common rice 10 seers 11 chitak to 18 seers 6 chitaks per rupee. Cattle-disease prevailing in parts of the district.
40	Puri	„ 7, '92	Nil	Weather—seasonable. Cultivation for the ensuing paddy crop going on. *Dalua* crop is being harvested. Miscellaneous crops doing well. Common rice sells at from 10 to 17 seers per rupee.
41	Balasore	„ 9, '92	Nil	Weather—hot and dry. Rain is urgently required both for drinking purposes and to enable the raiyats to begin ploughing. Rice sells at 14 seers per rupee at Balasore and 16 seers at Bhadrak.
CHOTA NAGPUR.				
Chota Nagpur Divn. — *South-West Frontier Agency.*				
42	Hazáribágh	April 9, '92	Nil	Weather—very hot. *Mahua* yielding abundantly. Prospects of mango continue favourable. No other crops. Fodder and water beginning to fail in places. Common rice selling at from 12 to 14 seers per rupee.
	Giridi	...	Nil	
43	Lohardaga	„ 9, '92	Nil	Weather—hot. No crop on the ground. Common rice selling at 13 seers per rupee. Fodder and water sufficient.
44	Palámau	„ 8, '92	Nil	Weather—abnormally hot in the day and cold in the latter part of the night. Harvesting of *rabi* almost finished; outturn estimated at four annas. Sugarcane doing well but wants rain. *Mahua* and mango doing well; outturn estimated at twelve annas. Price of common rice 14 seers per rupee. Supply of water and fodder gradually diminishing.
45	Singhbhum	„ 9, '92	Nil	Weather—hot; cloudy; slight rain in Kalkapur thana. *Mahua* and mango crops promising. Price of rice from 14 seers in Chaibasa to 20 seers in Dumria. Water and fodder sufficient.
46	Manbhum	„ 9, '92	Nil	Weather—still very dry. *Mahua* crop all round will not be more than a 12-anna one. Prospects of mango indifferent. Prices steady. Fodder still sufficient, but the excessive drought is very materially affecting the water-supply.
	Gobindpur	...	Nil	

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 12th April, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

STOCK IN HAND AS COMPILED OF—

Names of Marts.	1st week of April 1891.	1st week of May 1891.	1st week of June 1891.	1st week of July 1891.	1st week of August 1891.	1st week of Sept. 1891.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Baliaghatta	10,86,500	13,19,000	9,74,000	7,19,000	4,52,000	4,58,500
Ooltadanga	55,900	63,100	59,600	61,100	65,800	72,100
Chitpur, Golabaree, Coomertooly, Hatkhola, and Culpy Ghât.	5,67,200	5,17,400	4,52,400	4,68,400	4,87,200	5,06,700
Pathuriaghatta, Posta, and Jorabagan.	4,200	3,000	2,000	3,700	3,000	2,500
Tallygunge, Chitlah, Kidderpore, and Munshiganj.	1,16,300	1,35,200	1,14,800	1,06,900	98,900	90,450
21 Minor bazars (estimated) ...	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 3,189 in number (estimated).	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Boidyabatty, Nowabganj, Bhuddreesur, and Chandernagore.	43,462	41,125	30,750	32,750	32,250	38,051
Total ...	23,63,562	25,58,825	21,53,550	18,81,850	16,29,150	16,58,301
On Railway premises on both sides of the river.	28,642 (on 3rd April 1891.)	8,221 (on 3rd May 1891.)	5,928 (on 3rd June 1891.)	17,767 (on 3rd July 1891.)	10,179 (on 3rd August 1891.)	17,473 (on 3rd Sept. 1891.)
On boats unloaded ... By Port Commissioners' returns.	44,862 (1st to 3rd April 1891.)	35,578 (1st to 4th May 1891.)	17,251 (1st to 3rd June 1891.)	28,097 (1st to 3rd July 1891.)	17,174 (1st to 3rd August 1891.)	57,776 (1st to 3rd Sept. 1891.)
On boats unloaded ... By Canal returns	1,51,412 (1st to 3rd April 1891.)	13,099 (1st to 4th May 1891.)	25,741 (1st to 3rd June 1891.)	41,597 (1st to 3rd July 1891.)	24,697 (1st to 3rd August 1891.)	79,813 (1st to 3rd Sept. 1891.)
Grand total of Stocks ...	25,88,478	26,15,723	22,02,470	19,69,311	16,81,200	18,13,363
Probable stock available for exportation by sea.	15½ lakhs	15¾ lakhs	11¾ lakhs	9½ lakhs	6½ lakhs	7¾ lakhs

Names of Marts.	1st week of Oct. 1891.	1st week of Nov. 1891	1st week of Dec. 1891.	1st week of Jan. 1892.	1st week of Feb. 1892.	1st week of March 1892.	1st week of April 1892.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Baliaghatta	4,26,700	4,45,000	4,01,000	3,68,200	7,99,000	11,29,000	12,67,000
Ooltadanga	66,200	65,000	61,100	58,900	68,500	75,500	69,000
Chitpur, Golabaree, Coomertooly, Hatkhola, and Culpy Ghât.	5,26,000	5,04,600	4,74,300	6,29,500	6,17,700	8,41,400	8,78,400
Pathuriaghatta, Posta, and Jorabagan.	3,000	4,000	3,000	2,500	2,000	3,000	4,000
Tallygunge, Chitlah, Kidderpore, and Munshiganj.	85,750	91,200	82,100	1,23,600	1,04,500	1,55,900	1,44,500
21 Minor bazars (estimated) ...	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 3,189 in number (estimated).	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Boidyabatty, Nowabganj, Bhuddreesur, and Chandernagore.	32,250	38,125	25,062	27,135	18,938	31,250	59,450
Total ...	16,29,900	16,37,925	15,36,562	16,99,835	21,00,638	27,26,050	29,12,350
On Railway premises on both sides of the river.	41,511 (on 3rd Oct. 1891.)	13,019 (on 3rd Nov. 1891.)	21,740 (on 3rd Dec 1891.)	66,689 (on 3rd Jan. 1892.)	44,775 (on 3rd Feb. 1892.)	41,862 (on 3rd March 1892.)	38,171 (on 3rd April 1892.)
On boats unloaded ... By Port Commissioners' returns.	41,755 (1st to 3rd Oct. 1891.)	33,595 (3rd to 5th Nov. 1891.)	53,688 (1st to 3rd Dec. 1891.)	84,951 (2nd to 4th Jan. 1892.)	63,215 (1st to 3rd Feb. 1892.)	53,460 (1st to 3rd March 1892.)	29,556 (1st to 3rd April 1892.)
On boats unloaded ... By Canal returns	80,950 (1st to 3rd Oct. 1891.)	28,531 (3rd to 5th Nov. 1891.)	34,490 (1st to 3rd Dec. 1891.)	1,22,177 (2nd to 4th Jan. 1892.)	1,90,718 (1st to 3rd Feb. 1892.)	96,456 (1st to 3rd March 1892.)	38,474 (1st to 3rd April 1892.)
Grand total of Stocks ...	17,94,116	17,13,070	16,46,490	19,73,652	23,99,346	29,17,828	30,18,551
Probable stock available for exportation by sea.	7½ lakhs	6¾ lakhs	6 lakhs	9½ lakhs	13¾ lakhs	18½ lakhs.	19¾ lakhs.

STATISTICAL DEPARTMENT,
The 9th April, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of March 1892.

	Inches.	Date.	Hour.
The mean pressure of the month	29·767		
The average pressure of March from 24 years' registers ...	29·869		
The highest pressure in the month	30·006	6th	10
The lowest pressure in the month	29·519	28th	16
The range of pressure	0·487		
	Hours.		
The total number of hours of bright sunshine during the month	273·7		
The maximum possible number of hours of sunshine ...	371·3		
	ϴ		
The mean temperature of the month	80·0		
The average temperature of March from 24 years' registers	80·6		
The highest temperature in the month	100·8	21st	
The lowest temperature in the month	53·8	1st	
The range of temperature during the month	47·0		
The mean daily range of temperature	25·5		
The greatest range of temperature in one day	35·7	11th	
	Per cent.		
The mean humidity of the month	61		
The average humidity of March from 24 years' registers ...	66		
	Inches.		
The mean vapour tension of the month	0·610		
The average vapour tension of March from 9 years' registers	0·702		
The mean cloud proportion of the month	1·17		
The average cloud proportion of March from 15 years' registers	2·46		
The total rainfall of the month	Nil		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground)	Nil		
The average fall of March from 48 years' registers ...	1·34		
The greatest fall in 24 hours	Nil		
	Days.		
The number of rainy days in the month	Nil		
The average number of rainy days in March from 24 years' registers	4		
	ϴ		
The mean maximum equilibrium temperature of solar radiation during the month	148·3		
The mean difference of sun and air temperatures	54·4		
The greatest sun temperature	155·1	18th	
The greatest excess of sun over air temperature	57·5	27th	
The mean temperature of the nocturnal radiation thermometer on woollen cloth	61·8		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground	7·0		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature	11·6	6th	
	Miles.		
The mean movement of the wind per day	157·9		
The greatest movement of the wind in one day	341·0	29th	
The greatest movement of the wind in one hour	21	30th, 11 to noon.	

The number of hours with winds from each of the 8 points—

N. 24, N.E. 4, E. 1, S.E. 8, S. 182, S.W. 322, W. 101, N.W. 75, Calm 27.

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park Street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore ·003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 1·0° lower; and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0·6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

C. Little,
For Meteorological Reporter to the Govt. of India.

Meteorological Office, India;
Calcutta, the 11th April 1892.

Meteorological Report of the Province of

STATION OBSERVATIONS.

Meteorological Division.	District.	Representative stations.	Air Pressure. Highest, 8 A.M., barometer reading of month.	Lowest, 8 A.M., barometer reading of month.	Mean, 8 A.M., for month.	Mean reduced to sea-level & to Lat 45°.	Variation from normal mean.	Temperature. Highest of month.	Lowest of month.	Mean daily maximum temperature.	Mean daily minimum temperature.	Mean daily temperature.	Variation from normal mean.	Humidity. Mean, 8 A.M., humidity.	Variation from normal mean.	Cloud. Mean cloud amount, 8 A.M.	Variation from normal mean, 8 A.M.	Rainfall.
Orissa.	Puri	Puri	29·979	29·699	29·849	29·798	—	93·7	62·6	86·7	74·2	80·5	—	82*	—	2·5	—	Nil
		Gopalpur	29·983	29·681	29·842	29·803	—·050	97·2	63·9	87·4	70·8	79·1	—1·0	77	—	0	—	Nil
		False Point	29·984	29·696	29·857	29·820	—·069	94·5	54·0	87·2	71·4*	79·3*	—0·8*	86	—4	2·4	—0·7	0·01
	Cuttack	Cuttack	29·923	29·607	29·782	29·806	—·069	106·4	62·3	99·7	70·7	85·2	+0·1	72	—2	2·1	+0·2	0·23
	Balasore	Balasore	29·957	29·607	29·790	29·794	—·088	102·5	55·5	95·8	68·7	82·3	+1·8	69	—	0·5	—	Nil
South-West Bengal.	South-West Midnapore and South 24-Parganas.	Saugor Island	29·083	29·654	29·831	29·801	—·079	91·2	57·4	86·9	75·3	81·1	—0·2	70	—11	2·8	—1·4	Nil
	Midnapore	Midnapore	29·873	29·537	29·704	29·801	—·079	106·4	57·2	99·9	68·8	84·4	+2·5	60†	—	0·3	—	Nil
	24-Parganas, Howrah, and Hooghly.	Calcutta	29·985	29·642	29·826	29·793	—·085	101·0	53·7	93·7	68·3	81·0	+0·7	72	—9	2·0	—0·5	Nil
	Burdwan	Burdwan	29·926	29·546	29·743	29·791	—·086	104·7	52·3	97·2	67·9	82·6	+1·3	53	—17	1·3	—0·7	Nil
	Bankura	Bankura	29·684	29·306	29·514	29·767	—·094	107·6	55·8	98·6	68·0	83·3	?	50	—	0·5	—	Nil
	West Burdwan / Birbhum	Raniganj	29·666	29·293	29·500	29·801	—·091	106·9	55·8	97·6	67·2	82·4	+1·2	49	—	0·1	—	Nil
	Murshidabad	Berhampore	29·929	29·544	29·737	29·774	—·099	104·7	53·2	95·5	66·4	80·9	+1·2	65	—4	1·5	—0·9	Nil
	Nadia	Krishnagar	29·955	29·588	29·786	29·783	—·065	103·4	48·1	95·9	65·8	80·9	+1·6	60	—	1·6	—	Nil
	Jessore and Khulna	Jessore	29·966	29·642	29·813	29·794	—·086	103·2	49·4	94·7	66·0	80·3	—0·4	74	—8	2·4	—0·7	Nil
East Bengal.	Chittagong	Chittagong	29·895	29·705	29·807	29·813	—·076	93·7	56·1	88·9	66·3	77·6	+0·7	78	—6	2·0	—2·2	0·05
	Chittagong Hill Tracts	Domagri				Observations not received.												
	Backergunge	Barisal	29·959	29·704	29·856*	29·814*	—·065	95·3	52·1	91·7	67·0	79·3	+0·8	77	—	3·3	—	0·21
	Noakhali	Noakhali	29·944	29·704	29·828	29·818	—·080	93·3	49·5	87·8	66·9	77·4	+0·5	87	—	1·0	—	0·02
	Faridpur	Faridpur	29·957	29·640	29·815	29·863	—·084	100·0	50·0	88·7†	65·0	76·9†	—1·4†	76	—	1·8	—	0·80
	Dacca	Dacca	29·957	29·653	29·828	29·798	—·087	99·6	53·8	92·7	67·1	79·9	+0·5	79	—1	3·7	+0·4	1·29
	Comila	Comilla	29·941	29·680	29·839	29·823	—·068	97·3	51·6	91·2	66·4	78·8	+1·2	81	—	3·4	—	1·49
	Mymensingh	Mymensingh	29·921	29·618	29·705	29·807	—·086	96·5	50·3	89·0	64·7	76·8	+2·2	81	—	4·0	—	1·31
North Bengal.	Bogra	Bogra	29·904	29·554	29·741‡	29·756‡	—·094	102·3	50·7	94·6§	64·2§	79·4§	+2·2	73§	—	2·6‡	—	3·66
	Pabna	Sirajganj	29·926	29·582	29·783	29·780	—·092	101·3	47·6	92·9	62·2	77·5	+0·8	79	—	3·3	—	1·06
	Rajshahi	Rampur Boalia	29·921	29·542	29·751	29·771	—·080	96·6	50·5	90·9	65·8	78·4	+0·9	63	—	1·1	—	1·10
	Malda	Malda	29·909	29·521	29·733	29·765	—	103·2	48·3	95·6	62·3	79·0	—	53	—	1·1	—	0·97
	Dinajpur	Dinajpur	29·844	29·478	29·691	29·765	—·120?	101·1	48·5	92·4	60·1	76·3	+0·2	63	—	2·1	—	1·10
	Rangpur	Rangpur	29·860	29·505	29·718	29·798	—·069	98·0	49·1	89·7	60·3	75·0	+1·2	79	—	0·6	—	3·70
	Jalpaiguri and Kuch Bihár.	Jalpaiguri	29·705	29·340	29·548	29·793	—·075	95·4	49·6	87·6	61·1	74·4	+1·5	70	—	0·9	—	0·60
	Darjeeling Hill Tracts	Darjeeling	23·009	22·757	22·912*	—	—·080	60·8	34·7	55·3*	44·2	49·8*	—0·3	70	+4	2·4	—2·3	0·92
North Bihar.	Purnea and North Bhágalpur.	Purnea	29·863	29·493	29·698	29·780	—·089	101·3	45·3	93·6	59·3	76·5	+0·9	58	—2	0·7	—0·8	0·17
	Muzaffarpur	Muzaffarpur	29·784	29·424	29·613	29·750	...	101·7	49·3	93·1	61·3	77·3	—	58	—	0·4	—	Nil
	Darbhanga‖	Darbhanga	29·825	29·448	29·670	29·794	—·076	98·0	51·7	89·2	59·7	74·5	—1·2	54	0	0·7	—0·5	0·03
	Champaran	Motihari	29·743	29·364	29·570	29·757	—·093	101·2	46·9	92·8	57·7	75·3	+1·0	58	—	1·0	—	Nil
	Saran	Chapra	29·793	29·407	29·620	29·759	—·084	103·3	50·6	94·9	63·4	79·2	+2·3	47	—	0	—	Nil
South Bihar.	Shahabad	Dehri	29·635	29·214	29·461	29·769	—·103	106·4	55·5	96·7	¶66·8	¶81·8	+4·1	3[illegible]	—	0	—	Nil
		Buxar	29·753	29·344	29·575	29·773	—·098	102·9	53·9	94·3	65·4	79·9	+2·0	36	—	0·2	—	Nil
		Arrah	29·700	29·398	29·616	29·762	—·084	103·8	52·1	95·9	63·8	79·8	+2·1	45	—	0	—	Nil
	Gaya	Gaya	29·022	29·216	29·448	29·780	—·095	105·1	56·2	96·6	68·1	82·4	+2·1	49	+3	1·2	—0·9	Nil
	Patna	Bankipur	29·800	29·421	29·629	29·767	—·104	101·7	53·4	92·3	64·6	78·4	+0·0	39	—13	0·3	—1·8	Nil
	South Bhágalpur and Monghyr.	Bhágalpur	29·818	29·429	29·641	29·757	—·100	102·8	52·0	94·6	64·6	79·7	+2·5	50	—	1·1	—	0·57
	Sonthal Parganas	Naya Dumka	29·477	29·102	29·315	29·769	—·090	105·2	53·1	95·8	66·4	81·2	+1·9	43	—	0	—	Nil
Chota Nagpur.	Hazáribágh	Hazáribágh	27·938	27·640	27·822	29·775	—·086	101·8	51·8	91·8	65·4	78·6	+2·1	24*	—17	0·4	—1·2	Nil
	Lohardaga / Manbhum	Ranchi	27·819	27·520	27·708	29·771	—·076	101·1	50·9	91·3	65·3	78·3	+2·1	33	—	0·4	—	0·12
	Singbhum	Chaibassa	29·230	28·865	29·063	29·777	—·085	108·1	54·0	98·7	66·4	82·6	+0·9	46	—	0·2	—	Nil
Assam	Sibsagar	Sibsagar	29·618	29·409	29·529	29·828	—·110	91·6	51·2	80·8	60·6	70·7	+1·0	92	+3	5·8	—0·2	8·44
	Goalpara	Dhubri	29·860	29·513	29·722	29·795	—·089	97·1	53·8	87·8	64·1	76·0	+0·8	69	—5	2·1	—0·6	1·68
	Cachar	Silchar	29·880	29·604	29·773	29·832	—·089	97·6	51·4	89·2	61·7	75·5	+1·2	77	—8	2·4	—2·0	1·89

* Mean of 30 days. | † Mean of 25 days. | ‡ Mean of 27 days. | § Mean of 26 days. | ‖ Means of 24 days. | ¶ Mean of 29 days.

Bengal for the month of March 1892.

DISTRICT OBSERVATIONS.										Representative stations.	DISTRICT.	METEOROLOGICAL DIVISION.
RAINFALL.												
Of month.					Since 16th October 1891.							
Mean of district.	Normal mean.	Variation from mean.	Number of rainy days.	Normal mean number of rainy days.	Mean of district.	Normal mean.	Variation.	Mean number of rainy days.	Normal mean number of rainy days.			
0·03	0·80	–0·77	0·25	1·36	8·59	8·69	–0·10	3 75	10·56	Puri ... Gopalpur ... False Point ...	Puri	ORISSA.
0·02	1·12	–1·10	0·00	1·01	7·98	6·52	+1·46	3·20	9·68	Cuttack ...	Cuttack	
Nil	1·29	–1·29	0 00	2·10	4·22	5·68	–1·46	4·34	8·89	Balasore ...	Balasore	
0 01	1·26	–1·25	0·00	1·84	2·55	7·74	–5·19	1·66	9·31	Saugor Island ..	South-West Midnapore and South 24-Parganas.	SOUTH-WEST BENGAL.
Nil	1·62	–1·62	0·00	2·16	0·44	5 21	–4·77	1·67	8·99	Midnapore ...	Midnapore	
Nil	1·52	–1·52	0·00	2 24	0·61	5·50	–4·89	1·90	8·42	Calcutta ...	24-Parganas, Howrah, and Hooghly.	
Nil	1·42	–1·42	0·00	2·07	0·66	5·10	–4·44	1·66	6·91	Burdwan ...	Burdwan	
Nil	1·14	–1·14	0 00	1·94	0·99	4·33	–3 34	3·25	7·63	Bankura ...	Bankura	
Nil	0·64	–0·64	0·00	1·29	2·09	3·64	–1·55	3·75	6·04	Raniganj ...	West Burdwan and Birbhum.	
0·28	0·91	–0·63	1·00	1·67	2·32	3·87	–1·55	4·00	6 23	Berhampore ...	Murshidabad	
0·23	1·80	–1·57	0·40	2·44	1·14	5 23	–4 09	2·20	7·54	Krishnagar ...	Nadia	
0 01	2·23	–2·22	0·12	3·02	1·96	6·35	–4·39	2·99	9 18	Jessore ...	Jessore and Khulna ...	
0·02	2·07	–2·05	0 00	2·58	3·15	8·66	–5·51	6·50	10·14	Chittagong ...	Chittagong	EAST BENGAL.
0·42	2 78	· 2·36	1·00	4·00	4·95	8 85	–3·90	10·00	12·55	Demagri ...	Chittagong Hill Tracts	
0·33	2 17	–1·84	0·75	3·01	1·70	7·63	–5·93	4·00	9·95	Barisal ...	Backergunge	
0·59	3·78	–3·19	1·00	4·40	3·89	10·59	–6·70	7·00	11·93	Noakhali ...	Noakhali	
0·41	2 70	–2·29	1·00	3·81	3·20	6·53	–3 33	4·66	9·07	Faridpur ...	Faridpur	
1·14	3·21	–2·07	1 25	3·56	4·59	7·54	–2·95	5·50	10·40	Dacca ...	Dacca	
1·16	4·11	–2·95	1·75	4·45	7·70	8 49	–0·79	7·50	11·82	Comilla ...	Comilla	
2·24	2·22	+0·02	2 20	3·32	5·07	5·96	–0·89	6·60	8·59	Mymensingh ...	Mymensingh	
1·89	1·10	+0·79	1·75	1·94	4·58	4·32	+ 0·26	5·50	6·25	Bogra ...	Bogra	NORTH BENGAL.
0·67	1·50	– 0·83	1·00	2·48	1·97	5·19	–3·22	5·00	8 15	Sirajganj ...	Pabna	
1·12	0·87	+0·25	1·00	1·48	2·99	3·59	–0·60	4·00	5·73	Rampur Boalia.	Rajshahi	
0·71	0·60	+0·11	1 00	1·13	[illegible]29	3·13	–1·84	3 00	4·86	Malda ...	Malda	
0·97	0·70	+0·27	1·00	1·14	1·50	2·89	–1·39	2 60	4·57	Dinajpur ...	Dinajpur	
2·88	1·47	+1·41	1·30	1·87	3 41	4 25	–0·84	3·25	5 45	Rangpur ...	Rangpur	
1·18	1·91	–0·73	1 20	2·52	1 58	4·86	–3·28	2 60	6·77	Jalpaiguri ...	Jalpaiguri and Kuch Bihar.	
0·88	2 12	–1·24	2·00	3·38	4·06	6·61	–2·55	6·75	10·33	Darjeeling ...	Darjeeling Hill Tracts.	
0·52	0·49	+0·03	1·00	0·91	0·73	2 94	–2·21	2·00	4·38	Purnea ...	Purnea and North Bhagalpur.	NORTH BIHAR.
Nil	0 48	–0·48	0 00	0·93	0·79	2·61	–1·82	1·67	5·01	Muzaffarpur ...	Muzaffarpur	
0·14	0·30	–0·16	0 33	0·67	0·88	2·30	–1·42	1·33	4·09	Darbhanga ...	Darbhanga	
Nil	0·37	–0·37	0·00	0·80	0·13	1 94	–1·81	0 50	4·89	Motihari ...	Champaran	
Nil	0·21	–0·21	0·00	0·73	0·78	2·43	–1·65	1·67	4 82	Chapra ...	Saran	
Nil	0·41	–0·41	0 00	0·97	1·39	3·08	–1·69	3 70	5·62	Dehri ... Buxar ... Arrah ...	Shahabad	SOUTH BIHAR.
Nil	0·39	–0·39	0 00	0·96	0·94	2·63	–1·69	3 25	5·12	Gaya ...	Gaya	
Nil	0·30	–0·30	0·00	0·89	0·79	2·73	–1·94	2·00	5·16	Bankipur ..	Patna	
0·11	0·33	–0·22	0·20	0·76	0·64	2·80	–2·16	1 80	5·04	Bhágalpur ...	South Bhágalpur and Monghyr.	
0·13	0·56	–0·43	0·50	1·06	1·43	2·86	–1·43	2·83	4·99	Naya Dumka ...	Sonthal Parganas ...	
Nil	0·85	–0·85	0·00	1·46	1·55	3·31	–1·76	3·40	6·49	Hazaribágh ...	Hazáribágh	CHOTA NAGPUR.
0·08	0·79	–0·71	0·33	1·95	1·67	3·90	–2·23	4 32	7·84	Ranchi ...	Lohardaga	
Nil	0·77	–0·77	0·00	2·00	1·43	3·59	–2·16	3·50	7·96		Manbhum	
Nil	1·21	–1·21	0·00	1·40	1·73	4·65	–2·93	3·00	8·04	Chaibassa ...	Singbhum	
										Sibsagar... ...	Sibsagar	ASSAM.
										Dhubri	Goalpara	
										Silchar	Cachar	

Table of Rainfall recorded at stations

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ORISSA ...	Puri ...	Puri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khurda ...	...	...	...	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banpur ...	...	...	...	0·01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		False Point ...	...	...	...	0·01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gop ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Satpara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pipli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cuttack ...	Jagatsingpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banki ...	...	...	...	0·05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Cuttack ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kendrapara ...	...	...	...	0·06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jajpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dharmsalla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Salipur ...	...	...	...	0·30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Balasore ...	Akhyapada ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chandbali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhadrak ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sorab ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Balasore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jellasore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Baripodah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SOUTH-WEST BENGAL.	Midnapore ...	Contai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Saugor Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tamluk ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Midnapore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ghatál ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kukrahaty ...	...	...	...	0·05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Garhbeta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	24-Parganas...	Diamond Harbour.	...	...	...	...	0·04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Canning Town	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Alipore Jail ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barrackpore...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dum-Dum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barasat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Basirhat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Howrah ...	Howrah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mohesreka ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Uluberia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hooghly ...	Serampore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hooghly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jahánabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Burdwan ...	Kalna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Burdwan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Katwa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raniganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mankur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bankura ...	Bankura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bishenpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khatra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Indas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kotalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Anda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gangajalghati	...	...	...	0·16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sonamukhi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Birbhum ...	Bh. Suri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hetampur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rampur Hat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bolpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Murarai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nadia ...	Ranaghat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Krishnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chuadanga ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Meherpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kushtia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna ...	Satkhira ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bágerhat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khulna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nakipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rampal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore ...	Narail ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhenidah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Magura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bangaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Murshidabad	Kandi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Berhampore...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lalbagh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Azimganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jangipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lalgola ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Akhriganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Patkabari ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
EAST BENGAL	Chittagong ...	Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kutubdia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Satkanya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong Hill Tracts.	Rangamati ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bandarban ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

in Bengal in March 1892.

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 16th October 1891 to 31st March 1892.	Average rainfall from 16th October to 31st March.	Station.	District.	Meteorological division.
...	...	...	...	...	...	...	...	...	...	...	Nil	0·80	Nil	0·52	Nil	15·91	9·15	Puri ...	Puri ...	ORISSA.
...	...	...	...	...	...	...	...	...	...	...	1	1·53	0·10	0·82	0·10	3·85	6·85	Khurda.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·60	0·01	0·72	0·01	2·24	8·55	Banpur.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·50	0·01	1·06	0·01	12·68	10·05	False Point.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	*Gop.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	4·10	?	*Satpara.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	7·54	?	*Pipli.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·21	Nil	0·81	Nil	12·00	6·12	Jagatsingpur.	Cuttack.	
...	...	...	...	...	...	...	...	...	...	...	Nil	2·63	0·05	1·28	0·05	1·22	6·93	Banki.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·75	Nil	1·27	Nil	4·87	6·55	Cuttack.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·84	0·06	0·87	0·06	17·09	6·41	Kendrapara.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·11	Nil	1·13	Nil	3·24	6·22	Jajpur.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	6·38	?	*Dharmsala.*		
...	...	...	...	...	...	...	...	...	...	...	1	?	0·30	?	0·30	8·65	?	*Salipur.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	4·74	?	Akhyapada.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·63	Nil	1·09	Nil	11·29	6·82	Chandbali ..	Balasore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	2·00	Nil	1·38	Nil	6·03	6·24	Bhadrak.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·31	Nil	1·63	Nil	4·18	5·38	Sorah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·65	Nil	1·35	Nil	2·85	6·91	Balasore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·81	Nil	0·99	Nil	0·82	4·16	Jellasore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·18	Nil	1·21	Nil	0·92	4·42	Baripodah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·70	Nil	1·05	Nil	2·49	8·29	Contai ...	Midnapore ...	SOUTH-WEST BENGAL.
...	...	...	...	...	...	...	...	...	...	...	Nil	1·70	Nil	1·29	Nil	4·41	8·48	Saugor Island		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·42	Nil	1·77	Nil	0·55	6·25	Tamluk.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·20	Nil	1·46	Nil	0·36	5·41	Midnapore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·85	Nil	1·62	Nil	0·42	3·93	Ghatal.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	0·05	?	0·05	0·36	?	*Kukrahaty.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·54	?	*Garhbeta.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·11	0·04	1·44	0·04	0·74	6·60	Diamond Harbour.	24-Parganas.	
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·34	?	*Canning Town.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·26	Nil	1·69	Nil	0·43	6·52	Alipore Jail.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·32	Nil	1·72	Nil	0·49	5·55	Barrackpore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·05	Nil	1·57	Nil	0·62	5·49	Dum-Dum.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·32	Nil	1·57	Nil	1·04	5·94	Barasat.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·74	Nil	2·18	Nil	1·33	6·03	Basirhat.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·30	Nil	1·47	Nil	0·39	5·66	Howrah ..	Howrah.	
...	...	...	...	...	...	...	...	...	...	...	Nil	2·45	Nil	1·18	Nil	0·45	4·79	Mohesreka		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·40	?	*Ulubaria.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·84	Nil	1·32	Nil	0·67	5·14	Serampore ...	Hooghly.	
...	...	...	...	...	...	...	...	...	...	...	Nil	2·00	Nil	1·50	Nil	0·38	4·83	Hooghly.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·11	Nil	1·15	Nil	0·34	4·95	Jahanabad.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·11	Nil	1·39	Nil	0·36	4·79	Kalna ...	Burdwan.	
...	...	...	...	...	...	...	...	...	...	...	Nil	2·05	Nil	1·57	Nil	0·43	5·13	Burdwan.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·05	Nil	1·29	Nil	1·13	5·07	Katwa.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·45	Nil	0·65	Nil	1·25	3·70	Raniganj.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·14	?	*Mankur.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·85	Nil	1·25	Nil	0·93	4·69	Bankura ..	Bankura.	
...	...	...	...	...	...	...	...	...	...	...	Nil	2·40	Nil	1·37	Nil	0·82	4·20	Bishenpur.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·60	Nil	0·67	Nil	1·33	3·50	Malura.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·89	Nil	1·14	Nil	0·85	4·61	Khatra.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·57	?	Indas.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·30	?	Kotalpur.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·41	?	Anda.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	0·06	?	0·06	0·73	?	Gangajalghati.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·52	?	*Raipur.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·72	?	*Sonamukhi.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·45	Nil	0·73	Nil	2·26	4·01	Bh. Suri ..	Birbhum.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·27	Nil	0·45	Nil	2·04	2·88	Hetampur.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·00	Nil	0·71	Nil	2·81	3·94	Rampur Hat.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·65	?	*Bolpore.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·56	?	*Morarai.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·20	Nil	1·58	Nil	0·74	5·00	Rangahat ...	Nadia.	
...	...	...	...	...	...	...	...	...	...	...	Nil	2·20	Nil	1·18	Nil	1·33	4·25	Krishnagar.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·70	Nil	1·88	Nil	0·51	5·59	Chuadanga.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·50	Nil	2·17	Nil	0·66	5·29	Meherpur.		
...	...	...	...	...	0·93	...	0·20	...	...	...	2	2·00	1·13	1·87	0·93	2·37	6·02	Kushtia.		
...	...	...	...	...	...	...	...	...	...	...	Nil	3·00	Nil	2·56	Nil	3·25	6·34	Satkhira ..	Khulna.	
...	...	...	...	...	...	...	...	...	...	...	Nil	2·56	Nil	1·82	Nil	2·78	7·08	Bagerhat.		
...	...	...	...	...	...	...	...	...	...	...	Nil	3·21	Nil	2·[illegible]0	Nil	4·08	6·56	Khulna.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·84	?	*Naktipur.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·89	?	*Rampal.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	3·06	Nil	1·94	Nil	2·20	6·22	Narail ...	Jessore.	
...	...	...	...	...	...	...	...	...	...	...	Nil	3·40	Nil	2·52	Nil	1·46	6·92	Jessore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	3·05	Nil	2·44	Nil	0·51	6·25	Jhenidah.		
...	...	...	...	...	...	...	0·10	...	...	...	1	3·50	0·10	2·53	0·10	0·86	5·67	Magura.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·40	Nil	1·79	Nil	0·56	5·69	Bangaon.		
...	...	...	...	...	...	...	...	...	...	...	1	1·67	Nil	0·90	Nil	1·78	3·81	Kandi ...	Murshidabad.	
...	...	...	...	...	...	...	...	...	...	...	1	1·79	Nil	1·08	Nil	1·84	4·40	Berhampore.		
...	...	...	...	...	...	...	1·02	...	...	...	1	1·64	1·02	0·97	1·02	2·51	3·54	Lalbagh		
...	...	...	...	...	...	...	0·17	...	...	...	1	1·39	0·17	0·93	0·17	2·73	3·83	Azimganj.		
...	...	...	...	...	...	...	0·21	...	...	...	1	1·79	0·21	0·65	0·21	2·54	3·50	Jangipur.		
...	...	...	...	...	...	...	0·25	...	...	...	1	1·71	0·25	0·91	0·25	2·45	4·08	Lalgola.		
...	...	...	...	...	...	...	0·68	...	...	...	1	?	0·68	?	0·68	2·80	?	*Akhrigunj.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·40	?	*Patkabari.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·26	Nil	1·82	Nil	4·01	9·38	Cox's Bazar ...	Chittagong ..	EAST BENGAL.
...	...	...	...	...	...	...	0·04	...	...	...	Nil	2·90	0·04	2·31	0·04	2·27	7·92	Chittagong.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	3·81	?	*Kutubdia.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	3·73	?	*Satkanya.*		
...	...	...	...	...	...	...	0·42	...	...	...	1	4·00	0·42	3·02	0·42	4·95	9·30	Rangamati ...	Chittagong Hill Tracts.	
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	3·04	?	*Bandarban* ...		

Table of Rainfall recorded at Stations

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST BENGAL —concld.	Backergunge ...	Patuakhali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pirojepur ...	...	...	...	...	0·20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barisal ...	...	...	...	...	0·35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhola ...	...	...	...	...	0·75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gournaddi ...	...	...	...	...	0·22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bauphal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Noakhali ...	Noakhali ...	...	...	...	...	0·03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Fenny ...	...	...	...	...	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Harishpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ramganj ...	...	...	...	...	0·81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Faridpur ...	Madaripur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Faridpur ...	...	...	...	...	0·77	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Goalundo ...	...	...	...	...	0·35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dacca ...	Munshiganj	...	...	...	...	0·07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dacca ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Narainganj	...	...	...	...	0·04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manikganj	...	...	...	...	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Joydebpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hill Tippera	Agartola ...	...	...	...	...	0·11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tippera ...	Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chandpur ...	...	...	...	...	0·56	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Brahmanbaria	...	...	...	...	0·70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ramchandrapur.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nasirnagar ...	...	...	...	...	0·25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daudkandi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kasba ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Laksham ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mymensingh ...	Kishoreganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Atia (*Tangail*)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jamálpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Netrokona ...	...	...	...	...	0·58	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Subornakhali	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Durgapur ...	...	...	...	...	3·40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sherpur Town	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dewanganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NORTH BENGAL	Pabna ...	Pabna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra ...	Sherpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nowkhilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Panchbibi ...	...	...	...	0·14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahi ...	Boalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nator ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naogaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Lalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Malda ...	Malda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chanchal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gajol ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sibganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur ...	Mohadebpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Churamon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raiganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dinajpur ...	...	...	...	0·03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Baloorghat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Thakurgaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur ...	Bhawaniganj (*Gyabanda*).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kurigram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bagdogra (*Nilphamari*).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ulipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jalpaiguri ...	Jalpaiguri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Alipore Duar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Falacotta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Debiganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhagatpur (Nagrakatta).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kuch Bihár ...	Dinhatta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kuch Bihár ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Micklilganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mathabhanga	...	...	...	...	0·02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Darjeeling Hill	Buxa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Siliguri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Darjeeling ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kalimpong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kurseong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NORTH BIHAR	Purnea ...	Kishanganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Araria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Purnea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gondwara (Korah).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barsoe ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Forbesgung ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kaliaganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	North Bhágálpur.	Madhipura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Supaul ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Protabganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

In Bengal in March 1892—*continued.*

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 16th October 1891 to 31st March 1892.	Average rainfall from 16th October to 31st March.	Station.	District.	Meteorological division.
...	...	...	...	...	...	...	...	...	...	...	Nil	2·71	Nil	1·81	Nil	0·95	7·75	Patuakhali ...	Backergunge.	EAST BENGAL—*concld.*
...	...	...	...	...	...	...	...	...	...	...	1	2·47	0·20	1·61	0·20	1·89	7·15	Pirojpur.		
...	...	...	...	...	...	...	...	...	...	...	1	3·30	0·35	2·72	0·35	2·82	7·99	Barisal.		
...	...	...	...	...	...	...	...	...	...	...	1	3·54	0·75	2·52	0·75	1·28	7·61	Bhola.		
...	...	...	...	...	...	...	...	...	...	...	1	?	0·22	?	0·22	4·23	?	*Gournaddi.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·74	?	*Bauphal.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	3·65	0·03	3·55	0·03	3·06	9·49	Noakhali ...	Noakhali.	
...	...	...	...	...	...	...	1·00	0·04	...	...	2	5·15	1·14	4·00	1·00	4·71	11·68	Fenny.		
...	...	...	...	...	...	...	0·01	...	...	...	Nil	?	0·01	?	0·01	0·63	?	*Harishpur.*		
...	...	...	...	...	...	...	...	...	...	...	1	?	0·81	?	0·81	2·51	?	*Ramganj.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	4·37	Nil	2·83	Nil	4·61	6·34	Madaripur ...	Faridpur.	
...	...	...	...	...	...	...	...	...	...	...	1	3·85	0·77	2·93	0·77	3·21	7·05	Faridpur.		
...	...	...	...	...	...	...	0·12	...	...	...	2	3·22	0·47	2·33	0·35	1·81	6·13	Goalundo.		
...	...	...	...	...	...	...	1·31	...	...	...	1	4·59	1·38	4·08	1·31	6·02	9·10	Munshiganj ...	Dacca.	
...	...	...	...	...	...	...	1·22	...	...	...	1	3·55	1·22	3·01	1·22	4·28	6·29	Dacca.		
...	...	...	...	...	...	...	1·06	...	...	...	1	3·14	1·10	3·11	1·06	5·27	8·23	Narainganj.		
...	...	...	...	...	...	...	0·75	...	...	...	2	2·94	0·85	2·04	0·75	2·80	5·78	Manikganj		
...	...	...	...	...	...	...	1·06	...	...	...	1	?	1·06	?	1·06	4·29	?	*Joydebpur.*		
...	...	...	...	...	...	...	0·40	...	...	..	2	5·00	0·51	4·44	0·40	8·74	9·53	Agartola ...	Hill Tippera.	
...	...	...	...	...	...	...	1·36	...	...	...	1	4·41	1·36	3·76	1·36	7·85	7·86	Comilla ...	Tippera.	
...	...	...	...	...	...	...	0·74	...	...	...	2	3·82	1·30	3·27	0·74	7·90	7·08	Chandpur.		
...	...	...	...	...	...	...	0·76	...	...	...	2	4·58	1·46	4·71	0·76	6·47	9·24	Brahmanbaria.		
...	...	...	...	...	...	...	0·83	...	...	...	1	?	0·83	?	0·83	5·11	?	*Ramchandrapur.*		
...	...	...	...	...	...	...	1·50	0·55	...	...	3	?	2·30	?	1·50	5·75	?	*Nasirnagar.*		
...	...	...	...	...	...	...	1·36	...	...	...	1	?	1·36	?	1·36	4·53	?	*Daudkandi.*		
...	...	...	...	...	...	...		...	...	...		?		?			?	*Kasba.*		
...	...	...	...	...	...	...	1·50	...	...	...	1	?	1·50	?	1·50	4·95	?	*Laksham.*		
...	...	...	...	...	...	...	0·81	0·15	...	...	2	4·79	0·96	3·01	0·81	2·93	6·55	Kishoreganj.	Mymensingh.	
...	...	...	...	...	...	..	0·84	...	...	...	1	2·11	0·84	1·45	0·84	[illegible]	5·30	Atia (*Tangail*).		
...	...	...	...	...	...	...	0·93	0·03	0·02	0·33	2	3·65	1·31	2·24	0·93	5·41	6·27	Mymensingh.		
...	...	...	...	...	...	...	1·22	...	1·29	...	2	2·32	2·51	1·46	1·29	5·71	5·33	Jamálpur.		
...	...	...	...	...	...	..	2·20	0·82	...	1·97	4	3·75	5·57	2·57	2·20	9·01	5·89	Netrokona.		
...	...	...	...	...	...	...	0·90	...	...	...	1	?	0·90	?	0·90	2·18	?	*Subornakhali.*		
...	...	...	...	...	...	...	3·20	0·40	...	0·70	4	?	7·70	?	3·40	?	?	*Durgapur.*		
...	...	...	...	...	...	...	1·43	...	...	0·84	2	?	2·27	?	1·43	4·35	?	*Sherepur Town*		
...	...	...	...	...	0·59	...	1·18	...	...	0·41	3	?	2·18	?	1·18	4·30	?	*Dewanganj.*		
...	...	...	...	...	0·03	...	0·24	...	...	...	1	2·70	0·27	1·72	0·24	1·59	5·20	Pabna ...	Pabna ...	NORTH BENGAL.
...	...	...	...	...	...	...	1·06	...	...	...	1	2·26	1·06	1·28	1·06	2·31	5·17	Sirajganj.		
...	...	...	...	...	0·01	...	1·31	...	...	...	1	2·77	1·32	1·48	1·31	4·20	5·17	Sherpur ...	Bogra.	
...	...	...	...	...	0·15	...	0·81	...	...	...	2	2·15	0·96	1·21	0·81	3·92	4·56	Nowkhilla.		
...	...	...	...	...	2·46	...	1·20	...	...	..	2	1·60	3·66	0·82	2·46	7·57	4·11	Bogra.		
...	...	...	...	...	...	...	1·46	...	..	...	2	1·23	1·60	0·90	1·46	2·50	3·13	Panchbibi.		
...	...	...	...	...	...	...	1·10	...	...	...	1	1·35	1·10	0·81	1·10	2·04	3·61	Boalia ...	Rajshahi.	
...	...	...	...	...	...	...	1·07	...	...	...	1	1·79	1·07	0·93	1·07	3·42	4·42	Nator.		
...	...	...	...	...	...	...	1·20	...	...	...	1	1·29	1·20	1·27	1·20	3·50	3·06	*Naogaon.*		
...	...	...	...	...	0·42	...	0·12	...	...	...	1	?	0·54	?	0·42	2·01	?	*Lalpur.*		
...	...	...	...	...	...	...	0·95	...	...	...	1	?	0·95	?	0·95	2·49	?	*Manda.*		
...	...	...	...	...	...	...	0·97	...	...	...	1	1·10	0·97	0·74	0·97	1·93	3·07	Malda ...	Malda.	
...	...	...	...	...	...	...	0·45	...	...	...	1	1·16	0·45	0·45	0·45	0·65	2·57	Chanchal.		
...	...	...	...	...	...	...	0·25	...	...	...	1	?	0·25	?	0·25	0·90	?	*Gajol.*		
...	...	...	...	...	...	...	0·13	...	...	...	1	?	0·13	?	0·13	1·70	?	*Sibganj.*		
...	...	...	...	...	...	...	1·09	...	...	...	1	1·45	1·09	0·70	1·09	2·27	2·97	Mohadebpur...	Dinajpur.	
...	...	...	...	...	...	...	1·06	...	...	...	1	1·10	1·06	0·43	1·06	1·38	2·31	Churamon.		
...	...	...	...	...	...	...	0·85	...	...	...	1	1·00	0·85	0·62	0·85	1·15	2·36	Raiganj.		
...	...	...	...	...	...	...	1·07	...	...	...	1	1·25	1·10	0·97	1·07	1·41	3·98	Dinajpur.		
...	...	...	...	...	...	...	0·74	...	...	...	1	0·80	0·74	0·58	0·74	1·28	2·55	Baloorghat.		
...	...	...	...	...	...	...	1·17	...	...	...	1	?	1·17	?	1·17	1·35	?	*Thakurgaon.*		
...	...	...	...	...	...	0·47	2·30	...	...	...	2	2·00	2·77	1·46	2·30	3·61	4·24	Bhawaniganj (*Gyabanda*).	Rangpur.	
...	...	...	...	...	...	0·61	3·09	...	...	...	2	1·60	3·70	1·30	3·09	4·07	5·11	Rangpur.		
...	...	...	...	...	...	...	3·85	...	...	...	1	2·36	3·85	1·93	3·85	4·36	4·07	Kurigram.		
...	...	...	...	...	...	...	1·19	...	...	...	1	1·50	1·19	1·18	1·19	1·59	3·59	Bardogra. (*Nilphamari.*)		
...	...	...	...	...	...	...	2·35	...	...	...	1	?	2·35	?	2·35	3·22	?	*Ulipur.*		
...	...	...	...	...	...	...	0·46	...	...	...	1	2·11	0·46	1·80	0·46	1·06	5·57	Jalpaiguri ...	Jalpaiguri.	
...	...	...	...	...	...	...	0·40	0·10	...	...	2	?	0·50	?	0·40	1·34	?	*Alipore Duar.*		
...	...	...	...	...	...	...	0·40	...	...	...	1	?	0·49	?	0·49	1·75	?	*Falacotta.*		
...	...	...	...	...	...	...	1·08	...	...	...	1	?	1·08	?	1·08	1·30	?	*Debiganj.*		
...	...	...	...	0·35	...	...	0·39	...	...	0·40	3	?	1·14	?	0·40	4·80	?	*Bhagalpur (Nagrakatta).*		
...	...	...	...	...	...	...	1·64	0·18	...	...	2	2·73	1·82	1·70	1·64	2·03	4·68	Dinhatta ...	Kuch Bihar.	
...	...	...	...	...	...	...	1·27	...	...	...	1	2·50	1·27	1·93	1·27	1·07	4·51	Kuch Bihar.		
...	...	...	...	...	...	0·05	1·10	...	...	...	1	2·45	1·15	1·43	1·10	1·61	4·25	Mickliganj.		
...	...	...	...	...	...	0·03	1·15	...	...	...	1	2·82	1·20	2·31	1·15	1·57	4·03	Matabhanga.		
...	...	...	...	...	0·46	...	0·23	1·04	0·07	...	3	4·35	1·80	3·25	1·04	8·61	10·31	Buxa ...	Darjeeling.	
...	...	...	...	...	...	...	0·30	...	...	...	1	2·14	0·30	1·71	0·30	1·07	3·75	Siliguri.		
...	...	...	...	0·47	...	...	0·38	...	...	0·07	2	3·90	0·92	1·86	0·47	3·72	7·86	Darjeeling.		
...	...	...	...	0·11	0·02	...	0·35	...	...	...	2	3·11	0·48	1·76	0·35	2·83	4·52	Kalimpong.		
...	...	...	...	0·10	...	...	0·30	...	...	...	2	?	0·40	?	0·30	3·62	?	Kurseong.		
...	...	...	...	...	...	...	0·90	...	...	...	1	1·11	0·90	0·66	0·90	1·21	3·08	Kishanganj ...	Purnea ...	NORTH BIHAR.
...	...	...	...	...	...	...	0·64	...	...	...	1	1·06	0·64	0·62	0·64	0·77	2·09	Araria.		
...	...	...	...	...	...	...	0·17	...	...	...	1	0·74	0·17	0·40	0·17	0·23	3·28	Purnea.		
...	...	...	...	...	...	...	0·32	...	...	...	1	?	0·32	?	0·32	0·32	?	*Gondwara (Korah).*		
...	...	...	...	...	...	...	0·25	0·10	...	...	2	?	0·35	?	0·25	0·55	?	*Barsoe.*		
...	...	...	...	...	...	...	0·43	...	...	...	1	?	0·43	?	0·43	0·43	?	*Forbesgung.*		
...	...	...	...	...	...	...	0·18	...	...	...	1	?	0·18	?	0·18	0·22	?	*Kaliaganj.*		
...	...	...	...	...	...	...	0·35	...	...	...	1	0·84	0·35	0·39	0·35	0·66	2·95	Madhipura ...	North Bhágalpur.	
...	...	...	...	...	...	...	0·55	...	...	...	1	0·78	0·55	0·40	0·55	0·76	2·42	Supaul.		
...	...	...	...	...	...	...	0·30	...	...	...	1	?	0·30	?	0·30	0·63	?	*Protabganj.*		

Table of Rainfall recorded at Stations in

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NORTH BIHAR—concld.	Darbhanga ...	Tajpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Darbhanga ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Madhubani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bahera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Roshera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muzaffarpur	Sitamarhi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muzaffarpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hajipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Paru ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahua ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Seuhar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pupri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Champaran ...	Motihari ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bettiah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bagaha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Burhurwa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Saran ...	Gopalganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Siwan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chapra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SOUTH BIHAR	Shahabad ...	Buxar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dehri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhabhua ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sasarám ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arrah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mohaniah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khari ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ageaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rammagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Koath ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sikroul ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bassawan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manoharpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gaya ...	Aurungabad...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gaya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nawáda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jahanabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daudnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sherghati ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakri Barawan.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patna ...	Patna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dinapore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bihar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bickram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hilsa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Monghyr ...	Begusarai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Monghyr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jamui ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gogri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sheikpura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South Bhágalpur.	Bhágalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banka ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kolgong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bangaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sonthal Parganas.	Rajmahal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Godda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakour ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Naya Dumka	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Deoghur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jamtara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mohagama ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nanshat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CHOTA NAGPUR.	Hazáribágh ...	Pachamba (*Giridi*).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hazáribágh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Semtagurah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahudi Hills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhoomrah Hills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barhi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chatra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Karagdeha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ramghar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lohardaga ...	Lohardaga ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ranchi ...	...	...	...	0·23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palámau ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Silli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Balumat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hoseinabad...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Garwah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Singhbhum ...	Chainassa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chakradharpur.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ghatsila ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Baharagura...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Manbhum ...	Purulia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gobindpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raghunathpur.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barrabhum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhalda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pandra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Bengal in March 1892—*concluded.*

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 16th October 1891 to 31st March 1892.	Average rainfall from 16th October to 31st March.	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	...	Nil	0·63	Nil	0·23	Nil	0·47	2·22	Tajpur ...	Darbhanga ...	NORTH BIHAR—*concld.*
...	...	...	...	...	...	...	0·03	...	...	...	Nil	0·68	0·03	0·20	0·03	0·07	2·31	Darbhanga.		
...	...	...	...	...	...	...	0·39	...	...	...	1	0·71	0·39	0·30	0·39	1·20	2·38	Madhubani.		
...	...	...	...	...	...	...	0·63	...	...	...	1	?	0·63	?	0·63	0·83	?	*Bahera.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·40	?	*Roshera.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·79	Nil	0·65	Nil	0·23	2·25	Sitamarhi ...	Muzaffarpur.	
...	...	...	...	...	...	...	...	...	...	...	Nil	1·05	Nil	0·12	Nil	0·82	3·11	Muzaffarpur.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·94	Nil	0·38	Nil	1·33	2·47	Hajipur.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·70	?	*Paru.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·75	?	*Mahua.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Sinhar.*		
...	...	...	...	...	...	...	0·28	...	...	...	1	?	0·28	?	0·28	0·68	?	*Pupri.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·82	Nil	0·37	Nil	0·11	1·94	Motihari ...	Champaran.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·78	Nil	0·36	Nil	0·15	1·94	Bettiah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·10	?	*Bagaha.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·04	?	*Burhurwa.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·54	Nil	0·14	Nil	0·22	1·93	Gopalganj ...	Saran.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·89	Nil	0·23	Nil	1·03	2·80	Siwan.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·75	Nil	0·25	Nil	1·11	2·59	Chapra.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·85	Nil	0·28	Nil	1·4[illegible]	2·94	Buxar ...	Shahabad ...	SOUTH BIHAR.
...	...	...	...	...	...	...	...	...	...	...	Nil	1·14	Nil	0·79	Nil	0·51	3·28	Dehri.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·16	Nil	0·56	Nil	2·81	3·61	Bhabhua.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·75	Nil	0·27	Nil	0·73	2·92	Sasarám.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·95	Nil	0·54	Nil	1·44	2·72	Arrah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·36	?	*Mohaniah.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	*Khira.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	*Agraon.*		
...	...	...	...	...	...	...	...	...	...	...	Nil		Nil	?	Nil	?	?	*Ramnagar.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	*Koath.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	*Sikroul.*		
...	...	...	...	...	...	...	...	...	...	...	Nil		Nil	?	Nil	?	?	*Bassawan.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	*Manaharpur.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·05	Nil	0·38	Nil	1·58	2·34	Aurungabad ..	Gaya.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·95	Nil	0·37	Nil	1·52	2·82	Gaya.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·00	Nil	0·47	Nil	0·54	2·80	Nawáda.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·82	Nil	0·35	Nil	0·11	2·57	Jahanabad.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·40	?	*Arwal.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·24	?	*Daudnagar.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·78	?	*Sherghati.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·10	?	*Rajauli.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·33	?	*Pakri Barawan.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·75	Nil	0·37	Nil	1·30	2·71	Patna ...	Patna.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·95	Nil	0·18	Nil	0·88	2·40	Dinapore.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·80	Nil	0·[illegible]4	Nil	0·36	3·05	Bihár.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·05	Nil	0·34	Nil	0·38	2·73	Barh.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·95	?	*Bikram.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·57	?	*Hilsa.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·79	Nil	0·24	Nil	0·76	2·95	Begusarai ...	Monghyr.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·75	Nil	0·31	Nil	0·17	2·77	Monghyr.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·79	Nil	0·4[illegible]	Nil	0·50	2·67	Jamui.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Gogri.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·23	?	*Sheikpura.*		
...	...	...	...	...	...	...	0·57	...	...	...	1	0·65	0·57	0·33	0·57	0·77	2·54	Bhágalpur ...	South Bhágalpur.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·84	Nil	0·3[illegible]	Nil	0·99	3·11	Banka.		
...	...	...	...	...	...	...	0·11	...	...	...	1	?	0·11	?	0·11	0·11	?	*Kolgong.*		
...	...	...	...	...	...	...	0·70	...	...	...	1	?	0·70	?	0·70	1·14	?	*Bangaon.*		
...	...	...	...	...	...	...	0·29	...	...	...	1	0·63	0·29	0·33	0·29	0·93	2·07	Rajmahal ...	Sonthal Parganas.	
...	...	...	...	...	...	...	0·30	...	...	...	1	0·88	0·30	0·43	0·30	1·18	2·59	Godda.		
...	...	...	...	...	...	...	0·16	...	...	...	1	1·[illegible]3	0·16	0·55	0·16	2·24	2·27	Pakour.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·28	Nil	0·7[illegible]	Nil	1·51	3·74	Noya Dumka.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·30	Nil	0·63	Nil	1·19	3·79	Deoghur.		
...	...	...	...	...	...	...	...	...	...	...	Nil	0·94	Nil	0·[illegible]2	Nil	1·43	2·75	Jamtara.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?		?	Nil	?	?	*Mohagama.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	2·71	?	*Nunihat.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·29	Nil	0·64	Nil	1·45	3·12	Pachamba (*Giridi*).	Hazáribágh ...	CHOTA NAGPUR.
...	...	...	...	...	...	...	...	...	...	...	Nil	1·75	Nil	0·70	Nil	2·17	3·45	Hazáribagh.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·72	Nil	1·18	Nil	1·50	3·16	Simtugurah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·27	Nil	0·[illegible]	Nil		3·18	Mahuai Hills.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·25	Nil	0·7[illegible]	Nil	1·29	3·30	Jhoomrah Hills.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·41	?	*Barhi.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·60	?	*Chatra.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·81	?	*Karagdeha.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil		?	*Ramgurh.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·00	Nil	0·63	Nil	2·13	3·80	Lohardaga ...	Lohardaga.	
...	...	...	...	...	...	...	...	...	...	...	1	2·32	0·23	1·09	0·23	2·04	4·40	Ranchi.		
...	...	...	...	...	...	...	...	...	...	...	Nil	1·53	Nil	0·65	Nil	0·85	3·43	Palamau.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·40	?	*Silli.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·18	?	*Balumat.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·66	?	*Hoseinabad.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·49	?	*Garwah.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·20	Nil	1·21	Nil	1·72	4·65	Chaibassa ..	Singhbhum.	
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil		?	*Chakradharpur.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·8[illegible]	?	*Ghatsila.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·62	?	*Baharagura.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·05	Nil	1·03	Nil	1·63	3·90	Purulia ...	Manbhum.	
...	...	...	...	...	...	...	...	...	...	...	Nil	0·94	Nil	0·50	Nil	1·20	3·28	Gobindpur.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·56	?	*Raghunathpur.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·72	?	*Barrabhum.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	1·47	?	*Jhalda.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	0·97	?	*Chas.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	?	?	*Pandra.*		

SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE MONTH OF MARCH 1892.

SETTLED weather, almost without interruption, has prevailed throughout the month, but the more important meteorological elements have all varied largely from their normal values.

The most notable variations are—

1. Pressure has been steadily below the normal, defect increasing towards the end of the month, till it was over ·1 inch at nearly all stations. The mean defect for the whole of March is between ·08 inch and ·1 inch except in Orissa, where it is somewhat lower.

2. Temperature during the early part of the month was very low, but owing to the hot westerly winds and cloudless skies it rose rapidly and became unusually high for the season.

3. Humidity and cloud proportion were both low, the former by about 10 per cent. and the latter by 50 per cent.

4. Rainfall was almost entirely absent except on the 5th and 28th, when showers fell in East Bengal and part of North Bengal, but in the other districts it has been either absent or very light. Sibsagar received nearly 9 inches and the other stations in Assam between one and two inches.

At the beginning of the month a shallow depression passed over the province from the west. Pressure began to fall in Bengal on the 2nd, and continued to change moderately till the 4th, when the low-pressure area was over North Bengal. Defect was nowhere more than a tenth of an inch, and though the depression was accompanied by a fairly complete cyclonic circulation of winds, its influence was very slight in causing the formation of cloud and rain. In the western districts a few very light showers fell, chiefly in Orissa, but on the 5th more general and heavier rain fell in East Bengal. After the depression had passed eastwards temperature and humidity fell rapidly, and westerly winds again set in. The difference in temperature from the normal was very slight during the day, but defect in night readings was at some stations more than 6° and at nearly all more than 3°. The mean defect for the first week was nearly 3° for the whole province. From the 5th till towards the end of the month clear dry weather prevailed with no important change except in temperature which continued to fall till the 7th, and then steadily rose. As the downward change was chiefly in the night temperatures, and the rise had most effect during the day, the range during the second week was very large. On the 6th and 7th minimum readings were below 50° at several stations in North Bengal, and below 55° at many stations in all districts, while maximum readings were generally about 85°. Till the 12th, the only stations reporting readings of more than 100° were Cuttack and Midnapore. From the 12th to the 19th excess increased, especially in Bihár, where it was more than 80°, and the highest maximum reading for the period was between 100° and 105° at nearly all stations in the western half of the province. Humidity continued low, the sky practically cloudless, and pressure underwent the small oscillations usual in fine weather, but continued on an average considerably below the normal Similar conditions prevailed till the 25th, when wind directions began to change owing to a shallow low-pressure area forming over the east of Bihár and part of West Bengal. Though pressure rose again, and the depression almost disappeared, south-easterly winds continued, and humidity became high. Weather was generally fine, but a few local storms occurred, chiefly in North Bengal. The disturbed conditions moved eastward, and local storms occurred at nearly all stations in East and North Bengal on the 28th, accompanied in some cases by heavy rain, but by the 29th they had almost entirely ceased, and during the last two days fine-weather prevailed. While the depression existed strong southerly winds blew at the head of the Bay and over the province.

Pressure—As stated above, has been below the normal throughout almost the whole month. Occasionally for a short time there was a small excess, but the weekly means have been steadily below the normal by between a twentieth and a tenth of an inch. For the first week there was defect of from ·03 inch to ·05 inch at all stations. Up to the 12th there was practically no change, the same small defect prevailing in the lower districts, while at some of the northern stations it had increased to ·08 inch. After this the deficiency increased, and for the week ending on the 19th the average difference from the normal varied from ·07 inch in Orissa and Chota Nagpur to ·13 inch in the north of the province. This distribution continued till nearly the end of the month, when there was a general slow rise, but a considerable defect still remained.

Temperature—The details of the changes of temperature have been given above. The mean for the month is considerably above the normal in all districts except Orissa, where it is exactly normal. Excess in South Bihár is 2·2°, in Chota Nagpur 1·7°, in South-West and North Bengal 1°, and in North Bihár and Assam nearly 1°.

The following table shows the principal variations of the day, night and mean temperatures from the normal in each week of the month at nine typical stations in different districts of the province:—

Stations.	Week ending 5th March 1892.			Week ending 12th March 1892.			Week ending 19th March 1892.			Week ending 26th March 1892.			Week ending 2nd April 1892.		
	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.	Variation of actual mean maximum temperature of week from normal mean.	Variation of actual mean minimum temperature of week from normal mean.	Variation of actual mean daily temperature of week from normal mean.
Cuttack	−1·4	−3·7	−2·6	−0·2	−6·4	−3·2	+5·1	−5·2	−0·1	+6·5	+1·7	+4·1	+1·2	+4·1	+2·6
Calcutta	+0·5	−5·2	−2·4	+0·9	−8·2	−3·7	+6·1	−1·3	+2·4	+7·3	+2·6	+5·0	−0·9	+4·8	+2·0
Dacca	−1·4	−6·3	−3·8	+0·5	−0·4	−2·9	+5·7	+0·6	+3·1	+5·2	+3·1	+4·2	+1·0	+1·5	+1·2
Burdwan	+0·1	−3·8	−1·8	−0·7	−6·4	−3·5	+4·8	−2·6	+1·1	+8·1	+3·4	+5·8	+3·4	+5·3	+4·4
Patna	−3·2	−2·1	−2·8	−1·4	−0·2	−0·9	+2·6	+1·7	+2·1	+5·3	+2·6	+4·0	+1·6	+1·0	+1·3
Gaya	−1·6	−3·4	−2·6	−1·1	−0·3	−0·7	+3·9	+2·9	+3·4	+6·3	+5·0	+5·7	+5·1	+2·9	+4·0
Purnea	+1·5	−5·8	−2·2	+0·4	−0·7	−3·1	+5·3	−2·1?	+1·6?	+7·4	+5·2	+6·3	+2·2	+2·2	+2·1
Hazáribágh ...	−1·4	−4·5	−3·0	−1·6	−1·8	−1·6	+3·8	+1·6	+2·7	+6·7	+5·7	+6·2	+6·8	+3·4	+5·1
Darjeeling ...	−1·2	−3·2	−2·3	−3·8	−2·0	−2·9	−0·7	+2·1	+0·6	+0·5	+3·5	+2·1	−0·5	+3·1	+1·3

Rainfall.—Fairly general but light showers fell in East Bengal on the 5th, and a few very light scattered showers in the other districts on the 4th and 5th, after which there was no rain anywhere in the province till near the end of the month. On the 28th general and in most cases moderately heavy rain fell in East and North Bengal and in Murshidabad, Purnea, North Bhágalpur and part of Darbhanga, South Bhágalpur, and Sonthal Parganas. A few showers fell on the 27th in Rangpur and Kuch Bihar, and scattered rain continued in Mymensingh, Jalpaiguri, Kuch Bihar, and the Darjeeling Hills till the end of the month. In consequence of the heavy falls on the 28th, North Bengal received a quarter of an inch more than the normal fall for the month, but in all the other districts there is a large deficiency varying from ·2 inch in North Bihár to 1·88 inches in East Bengal.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the month of March 1892 :—

Meteorological Divisions.	Temperature.						Rainfall.							
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of month above or below normal mean of month.	Of month.			Rainy days.			Since 16th Oct. 1891.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
Orissa	106·4	54·0	91·4	71·2	81·3	0	0·02	1·10	−1·08	0·07	1·84	−1·77	6·70	6·76
South-West Bengal	107·6	48·1	95·6	68·2	81·9	+1·0	0·06	1·46	−1·40	0·20	2·17	−1·97	1·38	5·22
East Bengal	100·0	49·5	89·0	66·3	78·1	+0·6?	0·98	2·86	−1·88	1·28	3·60	−2·32	4·10	7·65
North Bengal	103·2	47·6	92·0	62·3	77·1	+1·1	1·44	1·22	+0·22	1·24	1·80	−0·56	2·47	4·08
North Bihár	103·3	45·3	92·7	60·3	76·6	+0·8	0·20	0·40	−0·20	0·38	0·82	−0·44	0·73	2·55
South Bihár	106·4	52·0	95·2	65·7	80·5	+2·2	0·06	0·41	−0·35	0·17	0·93	−0·76	1·05	2·83
Chota Nagpur	108·1*	50·9*	93·0*	65·7*	79·8*	+1·7*	0·02	0·85	0·83	0·09	1·66	−1·57	1·57	3·60
Assam	97·6	51·2	85·9	62·1	74·1	+0·8								

* Chaibassa not included.

METEOROLOGICAL OFFICE, BENGAL ;
The 12th April 1892.

C. LITTLE,
for Meteorological Reporter to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

STATION OBSERVATIONS.

Meteorological Division.	District.	Representative station.	Air Pressure. Mean barometric height, 8 A.M.	Air Pressure. Mean reduced to sea-level and to lat. 45°.	Air Pressure. Variation from mean.	Wind. Prevailing direction.	Wind. Mean wind velocity.	Temperature. Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Puri	Puri ...	29·870	29·819	—	SW	408	88·7	8th Apl.	78·6	3rd Apl.	87·8	79·4	83·6	—	82·0
		Gopalpore* ...	29·860	29·821	+·049	S	480	89·2	9th ,,	76 8	5th ,,	86 8	78·1	82·5	+1·5	81·9
		False Point ..	29·876?	29·839?	+·012?	S	367	89·0	8 & 9th ,,	77·1	7, 8th ,,	88·1	78·6	83·4*	—0·3	83·4
	Cuttack	Cuttack ...	29 797	29·820	+·038	SWly	122	103·4	8th ,,	78·9	6, 7, 8th,,	101·2	70 7	90 5	+1·2	84·4
	Balasore	Balasore ..	29·814	29 817	+·032	SSW	267*	99·5	5th ,,	77·7	4, 6, 7th,,	95 6	78·4	87 0	+2·5	83·6
South-West Bengal.	South-West Midnapore, South 24-Parganas ...	Saugor Island	29·857	29 826	+·040	Sly	408	90·7	8 & 9th ,,	80 5	4, 6th ,,	89·8	80·9	85·3	+0·5	83 5
	Midnapore	Midnapore ..	29·731	29·827	+·051	S	277	103·4	5th ,,	78·1	4, 6, 8, 9th ,,	101·2	78 8	90·0	+2·7	85·1
	24-Parganas ... ..., Howrah ... ..., Hooghly	Calcutta ...	29·866	29 833	+·057	Sly	123	95·6	9th ,,	75·7	3, 7, 8th,,	93 4	76·4	84·9	—0·5	82·0
	Burdwan	Burdwan ...	29·779	29·825	+ 053	S	151	102·4	9th ,,	76·4	4th ,,	99 2	78·1	88·8	+1·4	82·9
	Bankura	Bankura ...	29 542	29·789	+·041	S	145	105·1	3rd ,,	77 6	4th ,,	100 8	78·7	89·7	?	82 8
	Birbhum ..., West Burdwan	Raniganj ...	29·512	29·836	+·053	Sly	99	104·1	3rd ,,	78·2	7th ,,	100·8	79·1	90·0	+3·2	82·7
	Murshidabad	Berhampore ..	29·808	29 824	+·066	ESE & Sly.	101	100·7	9th ,,	74·3	6th ,,	96 5	77·2	86·7	0	81·1
	Nadia	Krishnagar ...	29·832	29·828	+·068	Sly	157	98·5	9th ,,	73·1	6th ,,	96 0	76·5	86 2	+3·7	82·3
	Jessore ... ..., Khulna	Jessore ...	29 865	29 845	+·063	SSE	99	96·2	9th ,,	72·4	5th ,,	93·6	75·1	84 3	—1·8	81·1
East Bengal.	Chittagong	Chittagong ...	29·846	29·881	+·044	Sly & calm.	86*	93·2	9th ,,	71·6	6th ,,	91·2	73·7	82·5	+1·7	82·0
	Chittagong Hill Tracts	Domagiri ...						Observations not received.								
	Backergunge	Barisal ...	29·898	29 855	+·070	Calm	82	93·3	9th Apl.	73 9	3rd Apl.	91·2	75·0	83·1	+1·9	81·1
	Noakhali	Noakhali ...	29·881	29·871	+·051	Variable.	87	91·5	9th ,,	70·3	3rd ,,	88·8	73·0	80·9	+0·5	80·3
	Faridpur	Faridpur ...	29·877	29·864	+·076	Sly	99	94·0	9th ,,	72·4	5th ,,	91·2	74 0	82·6	+0·3	79·8
	Dacca	Dacca ...	29·887	29 857	+·071	Variable	119	95·6	9th ,,	71·2	5th ,,	92 2	75·5	83 9	0	80·1
	Tippera	Comilla ...	29·891	29 874	+·071	SEly	43	95·3	9th ,,	70·8	5th ,,	91·8	73·4	82·6	+1·6	79·8
	Mymensingh	Mymensingh	29·850	29·862	+·079	Ely	101	93·8	9th ,,	68·5	4th ,,	89·0	73·0	81·0	+0·4	77·6
North Bengal.	Bogra	Bogra ..	29·809	29·823	+·082	Ely	74	93·3	9th ,,	69·2	4th ,,	92·3	73·2	82·8	+0·8	78·8
	Pabna	Sirajganj ..	29·852	29·849	+·079	Variable	66	96 0	9th ,,	68·9	4th ,,	91·3	72 7	82 0	—0·6	78·9
	Rajshahi	Rampur Boalia.	29·807	29·827	+·070	SW	93	96·8	9th ,,	73·6	5th ,,	91·5	76·0	83·8	+0·9	80 9
	Malda	Malda ...	29·803	29·835	—	SE	85	101·1	9th ,,	72 5	5th ,,	96·1	75·2	85·7	—	83·3
	Dinajpur	Dinajpur ..	29·760	29·832	+·064	E	40	98·1	9th ,,	69·7	4th ,,	91·7	72·6	82·2	+0·1	77·8
	Rangpur	Rangpur ...	29·792	29·869	+·099	E	43	96 4	9th ,,	68·7	5th ,,	90 3	71·6	81 0	+1·0	79·2
	Jalpaiguri ... ..., Kuch Bihar	Jalpaiguri*	29 609	29 849	+·076	SE	86	95 4	9th ,,	70·6	4, 7, 9th,,	90 7	71·4	81·1	+4 4	78·8
	Darjeeling Hill Tracts...	Darjeeling ...	23 039	—	+·089	[illegible]	157	63 6	8th ,,	48·7	4th ,,	59·4	51·0	55·3	+1·8	55 3
North Bihar.	Purnea .. ..., North Bhágalpur ...	Purnea ...	29·779?	29·859?	+·109?	NE	129	102·3	9th ,,	71·2	4th ,,	95·5	74·9	85 2	+2·3	81·2
	Muzaffarpur	Muzaffarpur	29·677	29 809	—	ESE	175	104·7	9th ,,	74·7	6th ,,	97·9	75·6	86·8	—	81·6
	Darbhanga	Darbhanga*	29·710	29·839	+·079	ESE	144	103·5	9th ,,	70·8	6th ,,	95·3	73·2*	84·5*	+1·9	82·2
	Champaran	Motihari ...	29·628	29·810	+·070	Ely	169	102 2	9th ,,	70 6	7th ,,	97·6	73 3	85·5	+5·0	82·3
	Saran	Chapra ...	29 657	29·790	+·061	E	134	106 3	9th ,,	75·1	4th ,,	99·7	76·9	88·3	+6·0	84·0
South Bihar.	Shahabad	Dehri ...	29·482	29·783	+·042	Sly	152	107·4	9th ,,	68·5	3rd ,,	103·4	74·8	89·1	+5·0	88 6
		Buxar ...	29·597	29·790	+·044	E	158	105·4	9th ,,	74·8	3rd ,,	100 8	78·0	89·4	+6·8	85·6
		Arrah ...	29 641	29·785	+·055	Ely	84	103·7	3rd ,,	76·5	9th ,,	102 2	78·0	90·1	+6·9	85·2
	Gaya	Gaya ...	29·451	29 780	+·018	S & E	128	107 1	9th ,,	76 8	3rd ,,	102·2	79·1	90·7	+3·8	84·9
	Patna	Bankipore ...	29·665	29 800	+·048	E	166	104·7	9th ,,	74·6	4th ,,	98·4	77·4	87 9	+2·1	85·4
	South Bhágalpur ..., Monghyr	Bhágalpur ...	29·697	29·810	+·070	Variable	63	105·2	9th ,,	72·5	4th ,,	96·6	75·7	86·2	+2·8	82·6
Chota Nagpur.	Sonthal Parganas ...	Dumka* ...	29·563	29·803	+·065	E	204	101·7	9th ,,	74·8	5th ,,	97·6	77·9	87 8	+2·4	83·1
	Hazáribágh	Hazáribágh ...	27·859	29·787	+·031	Variable	201	101·2	4, 9th ,,	70·8	5th ,,	98·6	73·4	86·0	+2·9	83·2
	Lohardaga ... ..., Manbhum	Ranchi ...	27·739	29·783	+·029	Variable	231	100·5	4th ,,	70·7	6th ,,	98 6	72·8	85·7	+4·7	82·1
	Singhbhum	Chaibassa ...	29·071	29·772	+·022	SW	40	107·8	5th ,,	73·2	3rd ,,	104·3	78·1	93 3	+4·0	85·1

* Mean of 6 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last

The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 9th of April 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	Of week. Mean for district.	Of week. Normal mean.	District Observations. Rainfall. Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 1st April 1892. Mean for district.	Since 1st April 1892. Normal mean.	Since 1st April 1892. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
87	0	Nil	Nil	0·37	Nil	0·42	—0·42	Nil	0·42	—0·42	0·00	0·32	Puri ...		Orissa.
89	0·9	Nil											Gopalpore ...	Puri	
81	4·7	Nil											False Point ...		
72	6·0	0·02	Nil	0·14	Nil	0·24	—0·24	Nil	0·24	—0·24	0·00	0·33	Cuttack ...	Cuttack	
75	2·9	Nil	0·75	0·35	0·75	0·51	+0·24	0·75	0·51	+0·24	0·17	0·66	Balasore ...	Balasore	
82	5·9	Nil	0·02	0·23	0·02	0·30	—0·28	0·02	0·30	—0·28	0·00	0·34	Saugor Island ...	South-West Midnapore South 24-Parganas ...	South-West Bengal.
70	2·3	Nil	Nil	0·23	Nil	0·30	—0·30	Nil	0·30	—0·30	0·00	0·58	Midnapore ...	Midnapore	
81	3·9	0·05	0·48	0·27	0·48	0·43	+0·05	0·48	0·43	+0·05	1·00	0·50	Calcutta ...	24-Parganas ... Howrah ... ... Hooghly	
72	1·1	Nil	0·04	0·41	0·04	0·58	—0·54	0·04	0·58	—0·54	0·00	0·51	Burdwan ...	Burdwan	
76	3·6	Nil	Nil	0·31	Nil	0·35	—0·35	Nil	0·35	—0·35	0·00	0·53	Bankura ...	Bankura	
76	4·1	0·76	0·36	0·29	0·36	0·41	—0·05	0·36	0·41	—0·05	0·50	0·42	Raniganj ...	Birbhum ... ... West Burdwan ...	
83	3·7	Nil	0·33	0·34	0·33	0·47	—0·14	0·33	0·47	—0·14	0·83	0·61	Berhampore ...	Murshidabad ...	
79	3·6	1·16	0·54	0·58	0·54	0·89	—0·35	0·54	0·89	—0·35	1·00	0·69	Krishnagar ...	Nadia	
86	4·6	0·44	0·55	0·54	0·65	0·83	—0·18	0·65	0·83	—0·18	0·88	0·70	Jessore ...	Jessore ... ... Khulna	
78	4·9	Nil	Nil	0·46	Nil	0·57	—0·57	Nil	0·57	—0·57	0·00	0·54	Chittagong ...	Chittagong	East Bengal.
			Nil	0·74	Nil	1·12	—1·12	Nil	1·12	—1·12	0·00	1·20	Demagiri ...	Chittagong Hill Tracts	
85	3·9	0·45	0·14	0·49	0·14	0·69	—0·55	0·14	0·69	—0·55	0·25	0·82	Barisal ...	Backergunge	
85	2·7	0·49	0·21	1·07	0·21	1·40	—1·19	0·21	1·40	—1·19	0·50	1·18	Noakhali ...	Noakhali	
89	3·6	0·04	0·21	0·60	0·65	0·95	—0·30	0·65	0·95	—0·30	0·33	1·14	Faridpur ...	Faridpur	
87	6·0	Nil	0·11	0·84	0·38	1·18	—0·80	0·38	1·18	—0·80	0·25	1·07	Dacca ...	Dacca	
85	3·0	Nil	1·20	1·11	1·21	1·39	—0·18	1·21	1·39	—0·18	0·75	1·30	Comilla ...	Tippera	
86	2·7	1·90	0·67	0·55	0·76	0·75	+0·01	0·76	0·75	+0·01	0·80	0·81	Mymensingh ...	Mymensingh	
82	1·4	1·05	1·47	0·29	1·47	0·35	+1·12	1·47	0·35	+1·12	1·00	0·45	Bogra ...	Bogra	North Bengal.
86	3·0	1·37	0·79	0·45	0·79	0·71	+0·08	0·79	0·71	+0·08	1·00	0·69	Sirajganj ...	Pabna	
83	1·6	1·37	0·67	0·16	0·67	0·32	+0·35	0·67	0·32	+0·35	1·00	0·34	Rampur Boalia ...	Rajshahi	
75	2·4	0·30	0·28	0·40	0·28	0·43	—0·15	0·28	0·43	—0·15	1·00	0·50	Malda ...	Malda	
80	1·4	1·15	0·69	0·10	0·69	0·15	+0·54	0·69	0·15	+0·54	1·00	0·23	Dinajpur ...	Dinajpur	
80	0·4	Nil	0·30	0·48	0·30	0·61	—0·31	0·30	0·61	—0·31	0·25	0·84	Rangpur ...	Rangpur	
88	1·3	1·30	0·48	0·50	1·06	0·73	+0·33	1·06	0·73	+0·33	0·80	0·76	Jalpaiguri ...	Jalpaiguri ... ... Kuch Bihar	
90	5·4	1·46	0·81	0·89	0·94	1·14	—0·20	0·94	1·14	—0·20	1·25	1·40	Darjeeling ...	Darjeeling Hill Tracts	
72	1·6	1·00	0·06	0·25	0·06	0·31	+0·35	0·06	0·31	+0·35	0·50	0·32	Purnea ...	Purnea ... ... North Bhágalpur ...	North Bihár.
72	0·6	Nil	Nil	0·16	Nil	0·10	—0·10	Nil	0·19	—0·10	0·00	0·21	Muzaffarpur ...	Muzaffarpur	
66	1·9	Nil	Nil	0·15	Nil	0·16	—0·16	Nil	0·16	—0·16	0·00	0·23	Darbhanga ...	Darbhanga	
64	2·3	Nil	Nil	0·19	Nil	0·26	—0·26	Nil	0·26	—0·26	0·00	0·26	Motihari ...	Champaran	
64	0	Nil	Nil	0·04	Nil	0·04	—0·04	Nil	0·04	—0·04	0·00	0·12	Chapra ...	Saran	
42	0·3	Nil	Nil	0·04	Nil	0·10	—0·10	Nil	0·10	—0·10	0·00	0·13	Dehri ...		South Bihár.
59	0·6	Nil											Buxar ...	Shahabad	
59	0·6	Nil	Nil	0·04	Nil	0·07	—0·07	Nil	0·07	—0·07	0·00	0·10	Arrah ...		
67	2·0	Nil	Nil	0·04	Nil	0·06	—0·06	Nil	0·06	—0·06	0·00	0·13	Gaya ...	Gaya	
58	0·6	Nil	0·10	0·14	0·10	0·17	—0·07	0·10	0·17	—0·07	0·20	0·24	Bankipore ...	Patna	
69	1·0	0·21	0·21	0·21	0·21	0·25	—0·04	0·21	0·25	—0·04	0·33	0·35	Bhágalpur ...	South Bhágalpur ... Monghyr	
71	1·1	Nil	Nil	0·08	Nil	0·10	—0·10	Nil	0·10	—0·10	0·00	0·26	Dumka ...	Sonthal Parganas ...	
50	1·4	Nil	Nil	0·16	Nil	0·21	—0·21	Nil	0·21	—0·21	0·00	0·40	Hazáribágh ...	Hazáribágh	Chota Nagpur.
50	2·0	Nil	Nil	0·21	Nil	0·27	—0·27	Nil	0·27	—0·27	0·00	0·44	Ranchi ...	Lohardaga ... ... Manbhum	
66	0·9	Nil	Nil	0·15	Nil	0·25	—0·25	Nil	0·25	—0·25	0·00	0·45	Chaibassa ...	Singhbhum	

ten years. The variations are *negative* when the mean of the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean
past ten years. The means of the district are the numerical average of the rainfall return received in the district, *i.e.*, from total rainfall at the sub-divisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 9th of April 1892.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 3rd April.	Monday, 4th April.	Tuesday, 5th April.	Wednesday 6th April.	Thursday, 7th April.	Friday, 8th April.	Saturday, 9th April.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
ORISSA ...	Puri ...	Puri ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·12	Nil	0·12
		Khurda ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·19	Nil	0·19
		Banpur ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·20	Nil	0·20
		False Point ..	......	......	......	......	......	......	......	Nil	Nil	1·10	Nil	1·16	Nil	1·16
		Gop ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Satpara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pipli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Cuttack ...	Jagatsingpore	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·11	Nil	0·11
		Banki ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·09	Nil	0·09
		Cuttack ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·32	Nil	0·32
		Kendrapara ...	0·01	......	......	......	......	......	......	Nil	0·01	0·17	0·01	0·29	0·01	0·29
		Jajpur ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·39	Nil	0·39
		Dharmsala ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Salipore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Balasore ..	*Akhyapada* ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Chandbali ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·46	Nil	0·46
		Bhadrak ...	......	......	......	......	......	4·50	......	1	4·50	0·45	4·50	0·72	4·50	0·72
		Sorah ...	......	......	......	......	......	......	......	Nil	Nil	0·30	Nil	0·48	Nil	0·48
		Balasore ..	......	......	......	......	......	......	......	Nil	Nil	0·57	Nil	0·71	Nil	0·71
		Jellasore ..	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·41	Nil	0·41
		Baripodah ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·31	Nil	0·31
SOUTH-WEST BENGAL.	Midnapore ..	Contai ..	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·29	Nil	0·29
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·20	Nil	0·20
		Tamluk ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·22	Nil	0·22
		Midnapore ...	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·30	Nil	0·30
		Ghatál ...	......	......	......	......	......	......	......	Nil	Nil	0·35	Nil	0·38	Nil	0·38
		Kukrahaty ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Garhbeta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	24-Parganas ...	Diamond Harbour ...	......	......	0·05	......	......	......	......	Nil	0·05	0·36	0·05	0·41	0·05	0·41
		Canning Town	......	......	0·01	......	0·12	......	......	1	0·13	?	0·13	?	0·13	?
		Alipore Jail ...	......	......	......	0·12	......	......	......	1	0·12	0·18	0·12	0·44	0·12	0·44
		Barrackpore...	......	......	0·11	0·26	......	......	......	2	0·37	0·25	0·37	0·38	0·37	0·38
		Dum-Dum ...	......	......	0·30	0·01	......	......	......	1	0·31	0·27	0·31	0·43	0·31	0·43
		Barasat ..	......	......	0·89	......	......	......	......	1	0·89	0·25	0·89	0·39	0·89	0·39
		Basirhat ...	......	......	......	0·58	......	......	......	1	0·58	0·25	0·58	0·26	0·58	0·26
	Howrah ...	Howrah ..	......	......	0·15	......	......	......	......	1	0·15	0·31	0·15	0·59	0·15	0·59
		Mohesreka ...	......	......	0·09	......	......	......	......	Nil	0·09	0·27	0·09	0·31	0·09	0·31
		Ulubaria ...	......	......	0·28	......	......	......	......	1	0·28	?	0·28	?	0·38	?
	Hooghly ..	Serampore ...	......	......	0·03	0·14	......	......	......	1	0·17	0·24	0·17	0·43	0·17	0·43
		Hooghly ...	......	......	1·80	0·28	......	......	......	2	2·08	0·40	2·08	0·58	2·08	0·58
		Jahánabad ...	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·54	Nil	0·54
	Burdwan ..	Kalna ..	......	......	0·05	......	......	......	......	Nil	0·05	0·50	0·05	0·68	0·05	0·68
		Burdwan ...	......	......	......	......	......	......	......	Nil	Nil	0·37	Nil	0·52	Nil	0·52
		Katwa ..	......	......	......	......	......	......	......	Nil	0·07	0·36	0·07	0·55	0·07	0·55
		Raniganj ..	......	0·01	......	0·06	......	......	......	1	0·76	0·26	0·76	0·32	0·76	0·32
		Mankur ...	......	......	......	......	0·76	......	......	Nil	Nil	?	Nil	?	Nil	?
	Bankura ...	Bankura ...	......	......	......	......	......	......	......	Nil	Nil	0·83	Nil	0·45	Nil	0·45
		Bishenpore ...	......	......	......	......	......	......	......	Nil	Nil	0·37	Nil	0·40	Nil	0·40
		Maliara ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·17	Nil	0·17
		Khatra ...	......	......	......	......	......	......	......	Nil	Nil	0·36	Nil	0·36	Nil	0·36
		Indas ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Kotalpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Anda ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Gangajalghati	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Raipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sonamukhi ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Birbhum ...	Bh. Suri ..	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·32	Nil	0·32
		Hetampore ...	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·32	Nil	0·32
		Rampur Hát...	......	......	......	0·69	......	......	......	1	0·69	0·36	0·69	0·66	0·69	0·66
		Bolpore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Murari ..	0·45	......	......	......	......	......	......	1	0·45	?	0·45	?	0·45	?
	Nadia ..	Ranaghat ..	......	......	0·13	0·09	......	......	......	1	0·22	0·80	0·22	0·97	0·22	0·97
		Krishnagar ...	......	......	......	1·16	......	......	......	1	1·16	0·57	1·16	0·95	1·16	0·95
		Chuadanga ..	......	......	......	......	......	......	......	Nil	Nil	0·45	... ..	0·81	......	0·81
		Meherpore ..	......	......	0·10	......	......	......	......	1	0·10	0·48	0·10	0·88	0·10	0·88
		Kushtia ..	0·62	0·06	......	0·53	......	......	......	2	1·21	0·59	1·21	0·85	1·21	0·85
	Khulna ..	Satkhira .	......	......	......	......	......	......	......	...	......	0·60	......	0·68	......	0·68
		Bágerhat ..	......	......	0·30	......	......	......	......	1	0·30	0·64	0·30	0·89	0·30	0·89
		Khulna ..	......	......	1·85	......	......	......	......	1	1·85	0·36	1·85	0·58	1·85	0·58
		Nakipur ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rampal	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Jessore ...	Narail .	......	......	0·69	......	......	......	......	1	0·69	0·45	0·69	0·74	0·69	0·74
		Jessore ..	......	0·16	0·28	......	......	......	......	2	0·44	0·66	0·44	1·02	0·44	1·02
		Jhenidah ..	......	......	0·33	......	......	......	......	1	0·33	0·46	0·53	0·94	0·53	0·94
		Magura ..	......	......	......	......	......	......	......	Nil	Nil	0·57	0·62	1·02	0·62	1·02
		Bangaon ..	......	......	0·80	......	......	......	......	1	0·80	0·58	0·80	0·77	0·80	0·77
	Murshidabad	Kandi ...	......	0·26	......	0·06	......	......	......	1	0·32	0·42	0·32	0·65	0·32	0·65
		Berhampore...	......	......	......	0·07	......	......	......	Nil	0·07	0·41	0·07	0·66	0·07	0·66
		Lalbagh ...	......	0·02	0·30	......	......	......	......	1	0·32	0·27	0·32	0·20	0·32	0·29
		Azimgunge ...	......	0·50	......	......	......	......	......	1	0·50	0·26	0·50	0·38	0·50	0·38
		Jangipur ..	......	0·30	......	......	......	......	......	1	0·30	0·37	0·30	0·45	0·30	0·45
		Lalgola ...	......	0·50	......	......	......	......	......	1	0·50	0·33	0·50	0·37	0·50	0·37
		Akhriganj ...	......	1·15	......	......	......	......	......	1	1·15	?	1·15	?	1·15	?
		Patkabari ..	......	......	0·20	0·90	......	......	......	2	1·10	?	1·10	?	1·10	?
EAST BENGAL	Chittagong ..	Cox's Bazar ...	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	0·44	Nil	0·44
		Chittagong ...	......	......	......	......	......	......	......	Nil	Nil	0·58	Nil	0·71	Nil	0·71
		Kutubdia ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Satkanya ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Chittagong Hill Tracts.	Rangamati ...	......	......	......	......	......	......	......	Nil	Nil	0·74	Nil	1·12	Nil	1·12
		Bundarban ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Backergunge	Patuakhali ...	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·44	Nil	0·44
		Pirojpur ...	......	......	0·07	......	......	......	......	Nil	0·07	0·35	0·07	0·47	0·07	0·47
		Barisal ...	......	......	0·48	......	......	......	......	1	0·48	0·65	0·48	1·03	0·48	1·03
		Bhola ...	......	......	......	......	......	......	......	Nil	Nil	0·66	Nil	0·83	Nil	0·83

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 9th of April 1892—contd.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 3rd April.	Monday, 4th April.	Tuesday, 5th April.	Wednesday, 6th April.	Thursday, 7th April.	Friday, 8th April.	Saturday, 9th April.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
EAST BENGAL —concld.		*Gournaddi* ...	......	......	0·15	......	......	......	......	1	0·15	?	0·15	?	0·15	?
		Bauphal ...	......	......	......	......	0·16	......	......	1	0·16	?	0·16	?	0·16	?
	Noakhali ...	Noakhali ...	......	......	......	......	0·41	......	......	1	0·41	1·05	0·41	1·37	0·41	1·37
		Fenny ...	......	......	......	......	......	......	......	Nil	Nil	1·09	Nil	1·43	Nil	1·43
		Harishpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Ramganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Faridpur ...	Madaripur ...	......	0·45	......	......	......	......	......	1	0·45	0·71	0·45	0·91	0·45	0·91
		Faridpur ...	......	0·05	......	......	......	......	......	Nil	0·05	0·74	0·77	1·01	0·77	1·01
		Goalundo ...	......	0·08	......	......	0·04	......	......	Nil	0·12	0·63	0·71	0·93	0·71	0·93
	Dacca ...	Munshiganj ...	......	......	......	0·41	......	......	......	1	0·41	0·82	0·43	1·41	0·43	1·41
		Dacca ...	......	......	......	......	......	......	......	Nil	Nil	0·97	0·30	1·32	0·30	1·32
		Naraingunge...	......	......	......	......	......	......	......	Nil	Nil	0·90	0·15	0·99	0·15	0·99
		Manikganj ...	......	0·04	......	......	......	......	......	Nil	0·04	0·67	0·67	0·98	0·67	0·98
		Joydebpore ..	......	0·15	......	......	......	......	......	1	0·15	?	0·30	?	0·30	?
	Hill Tippera	Agartola ...	......	......	0·14	......	......	......	......	1	0·14	1·14	0·14	1·31	0·14	1·31
	Tippera ...	Comilla ...	......	......	......	......	......	......	......	Nil	Nil	1·13	0·04	1·63	0·04	1·63
		Chandpore ...	......	......	2·54	......	......	......	......		2·54	1·07	2·54	1·39	2·54	1·39
		Brahmanbaria	......	......	......	2·10	......	......	......	1	2·10	1·09	2·10	1·23	2·10	1·23
		Ramchandra-pore ...	......	......	......	......	......	......	0·50	1	0·50	?	0·50	?	0·30	?
		Nasirnagar...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Daudkandi ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Kasba ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Laksham ..	......	......	0·35	......	......	......	......	1	0·35	?	0·35	?	0·35	?
	Mymensingh..	Kishoregunge	......	0·06	......	......	......	......	......	Nil	0·06	0·79	0·37	1·18	0·37	1·18
		Atia (*Tangail*)	......	0·15	......	......	......	......	......	1	0·15	0·62	0·27	0·74	0·27	0·74
		Mymensingh ...	1·90	......	......	......	......	......	......	1	1·90	0·68	1·91	0·91	1·91	0·91
		Jamálpur ..	0·32	......	......	......	......	......	......	1	0·32	0·42	0·32	0·58	0·32	0·58
		Netrokona ..	......	0·92	......	......	......	......	......	1	0·92	0·22	0·92	0·32	0·92	0·32
		Subornakhali	......	1·15	......	......	......	......	......	1	1·15	?	1·15	?	115	?
		Durgapore ...	......	1·50	......	......	......	......	......	1	1·50	?	1·50	?	1·50	?
		Sherepore Town	......	1·29	......	......	......	......	......	1	1·29	?	1·29	?	1·29	?
		Dewanganj ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
NORTH BENGAL.	Pabna ...	Pabna ..	0·06	0·15	......	......	......	......	......	1	0·21	0·55	0·21	0·84	0·21	0·84
		Sirajganj ...	......	1·37	......	......	......	......	......	1	1·37	0·35	1·37	0·58	1·37	0·58
	Bogra ..	Sherepore ..	......	0·51	......	......	......	......	......	1	0·51	0·10	0·51	0·23	0·51	0·23
		Nowkhilla ..	......	2·94	......	......	......	......	......	1	2·94	0·36	2·94	0·38	2·94	0·38
		Bogra ..	......	1·05	......	......	......	......	......	1	1·05	0·44	1·05	0·58	1·05	0·58
		Panchbibi ..	......	1·38	......	......	......	......	......	1	1·38	0·21	1·38	0·23	1·38	0·23
	Rajshahi ...	Boalia ..	......	1·10	0·07	......	......	......	......	1	1·17	0·16	1·17	0·38	1·17	0·38
		Nator ..	......	0·70	......	......	......	......	......	1	0·70	0·20	0·70	0·46	0·70	0·46
		Naogaon ..	......	0·13	......	......	......	......	......	1	0·13	0·11	0·13	0·11	0·13	0·11
		Lalpore ..	......	0·12	0·28	......	......	......	......	2	0·40	?	0·40	?	0·40	?
		Manda ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Malda	Malda ..	......	0·30	......	......	......	......	......	1	0·30	0·33	0·30	0·35	0·30	0·35
		Chanchal ..	......	0·25	......	......	......	......	......	1	0·25	0·46	0·25	0·40	0·25	0·40
		Gajol ..	......	......	0·06	......	......	......	......	Nil	0·06	?	0·06	?	0·06	?
		Sibganj ..	......	0·18	1·20	......	......	......	......	2	1·38	?	1·38	?	1·38	?
	Dinajpur	Mohadebpore	......	0·30	......	......	......	......	......	1	0·30	0·05	0·30	0·05	0·30	0·05
		Churamon ..	......	0·12	......	......	......	......	......	1	0·12	0·06	0·12	0·06	0·12	0·06
		Raigunge ..	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·24	Nil	0·24
		Dinajpur	0·16	0·78	......	......	......	......	......	2	0·94	0·31	0·94	0·40	0·94	0·40
		Baloorghat ...	......	2·09	......	......	......	......	......	1	2·00	0·02	2·09	0·02	2·09	0·02
		Thakoorgaon	......	0·66	......	......	......	......	......	1	0·66	?	0·66	?	0·66	?
	Rangpur .	Bhawanigunge (*Gyabanda*)	......	1·17	......	......	......	......	......	1	1·17	0·44	1·17	0·63	1·17	0·63
		Rangpur ..	......	......	......	......	......	......	......	Nil	Nil	0·38	Nil	0·59	Nil	0·59
		Kurigram ...	......	......	......	......	......	......	......	Nil	Nil	0·79	Nil	0·96	Nil	0·96
		Bagdogra (*Nilphamari*)	......	0·02	......	......	......	......	......	Nil	0·02	0·32	0·02	0·36	0·02	0·36
		Ulipore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Jalpaiguri ..	Jalpaiguri ..	......	1·33	......	......	......	......	......	1	1·33	0·63	1·40	0·90	1·4	0·90
		Alipore Dooars	......	......	......	......	......	......	0·39	1	0·39	?	1·39	?	1·39	?
		Fallacotta ..	......	......	......	......	......	......	......	Nil	Nil	?	0·94	?	0·94	?
		Debiganj ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bhagatpore (Nagrakatta)	......	0·16	0·17	......	0·13	......	0·34	4	0·80	?	0·80	?	0·80	?
	Kuch Bihar	Dinhatta ..	......	0·02	......	......	......	......	......	Nil	0·02	0·61	0·02	0·73	0·02	0·73
		Kuch Bihar	......	0·09	......	......	......	......	0·17	1	0·26	0·77	0·33	1·34	0·33	1·34
		Mickilgunge ...	......	0·68	......	......	......	......	0·10	2	0·78	0·28	3·23	0·41	3·23	0·41
		Mathabhanga	......	......	......	......	......	......	......	Nil	Nil	0·20	0·30	0·58	0·30	0·38
	Darjeeling Hill.	Buxa	......	......	......	......	......	......	1·25	1	1·25	1·73	1·28	2·22	1·28	2·22
		Silliguri	......	......	......	......	......	......	0·03	Nil	0·03	0·31	0·52	0·31	0·52	0·31
		Darjeeling ..	......	0·46	......	0·99	......	......	......	2	1·45	0·84	1·45	1·33	1·45	1·33
		Kalimpong ..	......	......	0·36	0·16	......	......	......	2	0·52	0·66	0·52	0·66	0·52	0·66
		Kurseong ...	......	0·36	......	......	......	......	......	1	0·36	?	0·61	?	0·61	?
NORTH BIHAR	Purnea ...	Kishanganj ...	......	0·92	......	......	......	......	1·36	2	2·28	0·20	2·28	0·24	2·28	0·24
		Araria	......	......	0·04	......	......	......	......	Nil	0·04	0·33	0·04	0·45	0·04	0·45
		Purnea ...	......	1·00	......	......	......	......	......	1	1·00	0·24	1·00	0·33	1·00	0·33
		Gondwara (Korah) ...	......	1·20	......	......	......	......	......	1	0·20	?	1·20	?	1·20	?
		Barsoe ...	......	0·33	......	......	......	......	......	1	0·33	?	0·33	?	0·33	?
		Forbesganj ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	North Bhágalpur.	*Kaisaganj* ..	0·07	......	......	......	......	......	......	Nil	0·07	?	0·07	?	0·07	?
		Madhipura ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·22	Nil	0·22
		Supaul ..	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·31	Nil	0·31
		Protabganj ..	......	0·11	......	......	......	......	......	1	0·11	?	0·11	?	0·11	?
	Darbhanga ...	Tájpur ..	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·08	Nil	0·08
		Darbhanga ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·21	Nil	0·21
		Madhubani ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·21	Nil	0·21
		Bahera ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Roshera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Muzaffarpur...	Sitamarhi ..	......	......	......	......	......	......	......	Nil	Nil	0·33	Nil	0·38	Nil	0·38
		Muzaffarpur	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·14	Nil	0·14
		Hajipur ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·05	Nil	0·05
		Paru ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Mahua ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sishar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pupri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 9th of April 1892—concld.

Meteorological division.	District.	Station.	Rainfall. Sunday, 3rd April.	Monday, 4th April.	Tuesday, 5th April.	Wednesday, 6th April.	Thursday, 7th April	Friday, 8th April.	Saturday, 9th April.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
NORTH BIHÁR—concluded.	Champaran ...	Motihari ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·28	Nil	0·28
		Bettiah ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·25	Nil	0·25
		Bagaha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Burhurwa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Saran ...	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·04	Nil	0·04
		Siwán ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·02	Nil	0·02
		Chapra ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·07	Nil	0·07
SOUTH BIHÁR.	Shahabad ...	Buxar ..	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·10	Nil	0·10
		Dehri ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·11	Nil	0·11
		Bhabhua ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·06	Nil	0·06
		Sasarám ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·11	Nil	0·11
		Arrah ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·12	Nil	0·12
		Mohaniah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Ageaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rammagor ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Koath ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sikroul ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bassowan ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Monaharpur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Gaya ...	Aurangabad ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·10	Nil	0·10
		Gaya ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·04	Nil	0·04
		Nawádah ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·08	Nil	0·08
		Jahánabad ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·07	Nil	0·07
		Arwal ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Daudnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sherghati ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rajauli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		PakriBarawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Patna ...	Patna ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·06	Nil	0·06
		Dinapore ...	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·09	Nil	0·09
		Bihár ...	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·07	Nil	0·07
		Barh ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·03	Nil	0.03
		Bickram ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hilsa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Monghyr ...	Begusarai ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·09	Nil	0·09
		Monghyr ...	......	0·02	......	......	......	......	......	Nil	0·02	0·12	0·02	0·17	0·02	0·17
		Jamui ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·13	Nil	0·13
		Gogri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	South Bhágalpur.	Bhágalpur ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·29	Nil	0·20
		Banka ...	......	0·50	......	......	......	......	......	1	0·50	0·14	0·50	0·18	0·50	0·18
		Kolgong ...	......	0·07	......	......	......	......	......	Nil	0·07	?	0·07	?	0·07	?
		Bangaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Sonthal Parganas.	Rajmahal ...	......	0·65	......	......	......	......	......	1	0·65	0·36	0·65	0·36	0·65	0·36
		Godda ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·26	Nil	0·26
		Pakour ..	......	0·54	0·06	......	......	......	......	1	0·60	0·09	0·60	0·19	0·60	0·19
		Naya Dumka	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·35	Nil	0·35
		Deoghur ...	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·28	Nil	0·28
		Jamtara ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·05	Nil	0·05
		Mohagama ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Nanshat ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
CHOTA NAGPUR.	Hazáribágh ...	Pachamba (*Giridi*).	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·12	Nil	0·12
		Hazáribágh ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·14	Nil	0·14
		Semtagurah ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·13	Nil	0·13
		Mahudi Hills	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·09	Nil	0·09
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	Nil	Nil
		Barhi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Chatra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Karagdeha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Ramghar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Lohardaga ...	Lohardaga ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·19	Nil	0·19
		Ranchi ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·27	Nil	0·27
		Palámau ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·16	Nil	0·16
		Silli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Balumat ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hosseinabad	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Garwah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Singbhum ...	Chaibassa ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·25	Nil	0·25
		Chakradharpore.	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Ghatsilla ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Baharagura	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Manbhum ...	Purulia ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·31	Nil	0·31
		Gobindpur ...	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·23	Nil	0·23
		Raghunathpore.	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Barrabhum	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Jhalda ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Chas ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pandra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?

Explanation.—......indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the 12th April 1892.*

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 9TH OF APRIL 1892.

AT the beginning of the week pressure was above the normal in all districts, excess being small in Chota Nagpur, whence it increased towards the north-east. In consequence isobars ran nearly north and south, and a strong easterly circulation of winds prevailed in the north of the province, while in the south and west the westerly element in the wind directions was either absent or very faint. Temperature was high, especially in the northern districts, and fine clear weather prevailed. The pressure distribution remained unchanged on the 4th, but unsettled conditions developed in Assam and North Bengal. Local storms were frequent, and moderately heavy rain fell at nearly all the north-eastern stations accompanied by a rapid fall in temperature. Pressure also began to give way, and a brisk fall continued for three days, after which the distribution was practically normal. The thunderstorms spread towards the south-west, and were fairly general in Lower Bengal on Monday the 4th, causing almost general but very irregular rainfall. The period of disturbance was soon over, and though pressure continued to fall, only a few light scattered showers were reported after the 5th. On the 7th the relative difference of pressure at eastern and western stations was much smaller, and dry south-westerly winds recommenced in South-West and East Bengal. The temperature had continued high during these days in Bihár and Chota Nagpur, where very little rain fell. After the storms ceased in the other districts there was a quick rise, and by the 8th readings were everywhere as high or higher than at the beginning of the week. The steady fall of pressure continued till the end of the week, on the last day of which readings were everywhere below the normal, the largest defect being in North Bengal. The easterly current over North Bengal and North Bihár was weaker, and directions had changed to west at most of the stations in South Bihár. With this change of winds temperature rose rapidly, especially in Chota Nagpur and Orissa, and excess at the end of the week varied from 1° in the east of South-West Bengal to nearly 9° in the west of Bihár.

Pressure—As stated above, was very high during the first three days of the week, when excess ranged up to ·15 inch in North Bengal and Assam. As at that time excess in Chota Nagpur was only about ·02 inch, gradients were much steeper than usual from west to east. The brisk fall that set in about the middle of the week continued to the close, and the distribution then differed very little from the normal, defect being more than ·05 inch only at a few stations in North Bengal. The means for the week are above the normal at all stations by amounts varying from ·02 inch in Chota Nagpur to 07 inch in North Bengal and North Bihár.

Temperature—Continued very high in the western half of the province, and was above the normal in the eastern districts, except between the 4th and 6th when local storms occurred. In Bihár and Chota Nagpur excess was unusually large, ranging in places up to 8°. In East and North Bengal mean excess is 1°, in Orissa and South-West Bengal 1·2,° in Chota Nagpur and North Bihár nearly 4°, and in South Bihár 4·1°. The lowest temperatures were registered on the 4th and 5th except in Orissa, part of South-West Bengal and part of North Bihár where they occurred on the 6th and 7th. The highest readings were on the 9th at nearly all stations.

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 9th April 1892.

	Normal mean maximum temperature for the week ending 9th April.	Actual mean maximum temperature for the week ending 9th April 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 9th April.	Actual mean minimum temperature for the week ending 9th April 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 9th April.	Actual mean daily temperature for the week ending 9th April 1892.	Variation of actual mean from the normal.
Cuttack	101·8	101·2	—0·6	76·7	79·7	+3·0	89·3	90·5	+1·2
Calcutta	96·1	93·4	—2·7	74·8	76·4	+1·6	85·5	84·9	—0·6
Dacca	93·8	92·2	—1·6	74·0	75·5	+1·5	83·9	83·9	0
Burdwan	100·5	99·2	—1·3	74·3	78·4	+4·1	87·5	88·8	+1·3
Patna	99·8	98·4	—1·4	71·9	77·4	+5·5	85·8	87·9	+2·1
Gaya	101·5	102·2	+0·7	72·4	73·1	+0·7	86·9	90·7	+3·8
Purnea	97·6	95·5	—2·1	68·2	74·9	+6·7	82·9	85·2	+2·3
Hazáribágh	95·9	98·6	+2·7	70·2	73·4	+3·2	83·1	86·0	+2·9
Darjeeling	60·7	59·4	—1·3	46·1	51·0	+4·9	53·4	55·3	+1·9

Rainfall.—Showers began in North Bengal on the 4th and extended on the 5th over the greater part of the province. The falls were general and moderately heavy at the northern stations, but towards the south and west they became much lighter and more scattered. No rain fell in Chota Nagpur, and only a few very scattered showers in Orissa and South Bihár. The only rain reported from North Bihár fell in Purnea and North Bhágalpur. The average falls for the week are below the normal except for North Bengal, where nearly twice the normal fall has been received, and Orissa, where the amount is practically normal. For Bihár the average is less than ·1 inch.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 9th of April 1892:—

Meteorological Divisions.	Temperature.						Rainfall.									
			Averages for week.				Of week.			Rainy days.			Since 1st of month.		Since 1st April 1892.	
	Highest observed during week.	Lowest observed during week.	Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average mean of week above or below normal mean of week.	Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	103·4	76·8	91·9	78·8	85·4	+1·2	0·30	0·28	+0·02	0·07	0·45	—0·38	0·30	0·39	0 30	0·39
South-West Bengal ...	105·1	72·4	96·8	77·0	87·3	+1·2	0·33	0·37	—0·04	0·60	0·56	+0·04	0·32	0·54	0·32	0·54
East Bengal	95·6	68·5	92·8	73·0	82·4	+0·9	0·41	0·73	—0·32	0·44	1·00	—0·56	0·53	0·98	0·53	0·98
North Bengal	101·8	68·7	92·0	73·2	82·7	+1·0	0·68	0·33	+0·35	0·84	0·54	+0·30	0·80	0·47	0·80	0·47
North Bihár	106·3	70·8	97·2	74·8	86·1	+3·9	0·21	0·17	+0·04	0·19	0·24	—0·05	0·21	0·21	0·21	0·21
South Bihár	107·4	68·5	100·2	77·3	88·7	+4·2	0·07	0·10	—0·03	0·12	0·20	—0·08	0·07	0·14	0·07	0·14
Chota Nagpur	101·2*	70·7*	98·6*	73·1*	85·9*	+3·8*	Nil	0·13	—0·13	0·00	0·35	—0·35	Nil	0·17	Nil	0·17

* Chaibassa not included.

METEOROLOGICAL OFFICE, BENGAL,
The 12th April 1892.

C. LITTLE,
For Meteorological Reporter to the Govt. of Bengal.

Abstract of the Results of the Barometric and Thermometric Observations taken at 10 a.m. at the Meteorological Office, Chowringhee, in the month of March 1892.

		Date.
	Inches.	
The mean pressure at 10 A.M. during the month	29·852	
The mean temperature at 10 A.M. during the month	86°·1	
The highest temperature during the month	103·2	22nd.
The lowest temperature during the month	53·9	1st.
The absolute range of temperature during the month	49·3	
The mean daily range of temperature during the month ...	26·8	
The greatest range of temperature in one day during the month ...	34·1	1st & 11th.
	°/o	
The mean 10 A.M. humidity during the month	50	
	Inch.	
The mean 10 A.M. vapour tension during the month	·640	
The total rainfall of the month	Nil	
The greatest fall in 24 hours	Nil	
The number of rainy days in the month	Nil	

C. LITTLE,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA ;
The 4th April 1892.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 3rd to 9th April 1892.

MONTH.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	TEMPERATURE. Daily mean.*	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	HYGROMETRY. Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	Rainfall past 24 hours.
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
April ...	3rd ...	29·917	85·4	95·0	19·2	75·8	88·4	79·2	·875	75·2	66	Nil.
" ...	4th ...	·908	86·4	95·0	17·2	77·8	89·6	79·5	·873	75·1	63	"
" ...	5th ...	·931	85·9	95·0	18·2	76·8	88·4	79·5	·887	75·6	66	"
" ...	6th ...	·901	85·6	94·5	17·9	76·6	87·4	80·5	·947	77·6	72	0·32
" ...	7th ...	·858	85·7	95·5	19·7	75·8	89·6	79·5	·873	75·1	63	Nil
" ...	8th ...	·817	86·6	97·0	20·8	76·2	90·0	79·9	·887	75·6	63	"
...	9th ...	·783	87·0	97·2	20·4	76·8	91·6	80·5	·892	75·8	60	"

	Inches.
The mean 10 A.M. pressure of the seven days	29·874
	°
The mean temperature of the seven days	86·1
The extreme variation of temperature	21·4
The maximum temperature	97·2
	°/o
The mean 10 A.M. relative humidity of the seven days	65
The total fall of rain from 3rd to 9th April 1892	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

C. LITTLE,
For Meteorological Reporter to the Govt. of India

METEOROLOGICAL OFFICE, INDIA ;
The 11th April 1892.

Results of the Meteorological Observations taken at the Alipore Observatory from 3rd to 9th April 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature.				Hygrometry.				Wind.		Rain.	Weather.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
		°		Inches.	°	°	°		°	Inches	°	%			Inches.	
April	3rd	149·5	7·9	29·848	85·2	93·6	17·7	75·9	78·2	0·875	75·2	74	SSE and SSW ...	159	Nil	Partially cloudy.
,,	4th	154·6	6·8	·839	84·4	92·5	14·8	77 7	77·9	871	75·0	75	S and SSW ...	158	0·01	Partially cloudy, o, g, d, t, <.
,,	5th	155·5	4·0	·848	83·8	92·6	15·5	77·1	78·1	·888	75·6	78	S and variable ...	78	0·04	Chiefly cloudy, d, t, <.
,,	6th	151·4	5·9	·821	83·7	93·5	17 3	76 2	77·4	·860	74·7	75	S by E, S and variable.	82	Nil	Partially cloudy, t.
,,	7th	152·3	8·8	·781	85·2	94·0	18·5	75·5	77·5	·844	74·1	71	S and variable ...	92	,,	Partially cloudy.
,,	8th	152 0	10·3	·760	85·2	95 5	19·8	75 7	76·6	·801	72·5	66	SSW and S ..	151	,,	Partially cloudy.
,,	9th	149·3	8·1	·734	86·3	95 6	19·1	76 5	75·9	·755	70·8	60	SW and SSW ...	220	,,	Partially cloudy.

	Inches.
The mean pressure of the seven days	29·804
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·773
	Hours
The total number of hours of bright sunshine	51·8
The maximum possible number of hours of sunshine	87·1
	°
The mean temperature of the seven days	84·8
The average temperature of the corresponding period for 24 years, S.-G.'s Office	84·4
The extreme variation of temperature	20·1
The maximum temperature	95·6
	Miles.
The highest velocity of the wind in one hour	15
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	71
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	68
	Inches.
The total fall of rain from 3rd to 9th April 1892	0·05
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·44
The total fall from 1st January to 9th April 1892	0·09
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	3·25

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast ; g, gloomy ; d, drizzling rain ; t, thunder ; <, lightning.

C. LITTLE,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;

Calcutta, the 11th April 1892.

STATEMENT SHOWING THE RESULTS OF THE REGISTRATION OF BIRTHS AND DEATHS IN THE PRINCIPAL MUNICIPALITIES IN BENGAL DURING THE WEEK ENDING WITH SATURDAY, THE 19TH MARCH 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 19th March 1892.

1	2	3			4			5			6	7							8							9	10		11		12
		POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.				Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
DISTRICTS.	NAMES OF MUNICIPALITIES.	Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan ...	Burdwan	18,063	16,017	34,080	6	8	*14*	9·2	12·2	*21·4*	75	10	5	35	...	...	7	*57*	15·3	7·6	53·4	...	...	10·7	*87·0*	83·9	31	26	89·2	84·4	105
	Ranigunj	6,246	4,691	10,937	5	3	*8*	23·8	14·2	*38·0*	166	24	...	7	..	...	1	*32*	114·1	..	33·3	...	...	4·7	*152·1*	166·4	22	10	183·2	110·9	165
Bankura ...	Bankura	8,970	8,925	17,895	10	13	*23*	29·0	37·8	*66·8*	77	14	...	9	...	1	6	*30*	40·7	...	26·2	...	2·9	17·4	*87·2*	75·6	17	13	98·6	75·7	130
Birbhum ...	Suri	3,982	3,866	7,848	1	3	*4*	6·6	19·9	*26·5*	33	...	...	13	...	...	3	*16*	...	...	86·1	...	...	19·9	*106·0*	46·4	5	11	65·3	148·0	44
Midnapore ...	Midnapore ...	16,927	16,633	33,560	9	8	*17*	13·9	12·4	*26·3*	112	1	...	32	2	...	2	*37*	1·5	...	49·6	3·1	...	3·1	*57·3*	65·1	14	23	43·0	71·9	60
Hooghly, including Serampore.	Hooghly and Chinsura.	15,858	15,829	31,687	3	11	*14*	4·9	18·0	*23·0*	27	6	...	26	4	...	3	*39*	9·8	...	42·7	6·6	...	4·9	*64·0*	49·2	19	20	62·3	65·9	94
	Serampore ...	13,559	12,937	26,496	10	5	*15*	19·6	9·8	*29·4*	200	5	...	15	10	1	3	*34*	9·8	...	29·4	19·6	2·0	5·9	*66·7*	87·3	27	7	103·5	28·1	368
	Utterpara	3,046	2,464	5,510	4	...	*4*	37·7	...	*37·7*	No female birth.	2	...	1	2	...	1	*6*	18·9	...	9·4	18·9	...	9·4	*56·6*	66·1	4	2	68·3	42·2	161
Howrah ...	Howrah	53,153	37,660	90,813	31	13	*44*	17·8	7·4	*25·2*	238	49	...	24	9	2	5	*89*	28·1	..	13·7	5·2	1·1	2·9	*51·0*	57·3	55	34	53·8	46·9	114
	Bally	7,836	6,979	14,815	1	2	*3*	3·5	7·0	*10·5*	50	...	...	6	3	...	3	*12*	...	...	21·1	10·5	...	10·5	*42·1*	49·1	6	6	39·8	44·7	89
24-Parganas	Cossipore-Chitpur*																														
	Manicktolla* ...																														
	Baranagore ...	15,920	14,062	29,982	7	4	*11*	12·1	6·9	*19·1*	175	12	...	9	...	...	...	*21*	20·8	...	15·6	...	...	...	*36·4*	33·0	11	10	33·9	37·0	97
	South Suburban	26,400	25,258	51,658	5	12	*17*	5·0	12·1	*17·1*	41	7	...	22	2	...	1	*32*	7·0	...	22·1	2·0	..	1·0	*32·2*	28·2	13	19	25·6	39·1	66
Nadia ...	Krishnagar ...	13,263	14,214	27,477	6	11	*17*	11·4	20·8	*32·2*	183	3	...	26	...	...	2	*31*	5·7	...	49·2	...	...	3·8	*58·7*	54·9	14	17	54·9	62·2	88
	Ranaghat	4,028	4,655	8,683	8	3	*11*	47·9	17·9	*65·9*	266	3	...	3	...	...	...	*6*	17·9	...	17·9	...	...	...	*35·9*	71·9	3	3	38·7	33·5	115
	Santipur	13,708	15,979	29,687	6	15	*21*	10·5	26·3	*36·8*	40	...	...	33	...	..	...	*33*	..	...	57·8	...	...	..	*57·8*	43·8	21	12	79·7	39·1	203
Jessore ...	Jessore	4,830	3,665	8,495	...	...	...	...	...	...	...	...	...	4	...	...	...	*4*	...	...	24·5	...	...	...	*24·5*	24·5	3	1	18·4	6·1	301
Murshidabad	Berhampore ...	11,657	11,948	23,605	4	7	*11*	8·8	15·4	*24·2*	57	...	...	14	...	...	6	*20*	...	...	30·8	...	...	13·2	*44·1*	39·7	12	8	53·5	34·8	153
	City Murshidabad	18,901	20,330	39,231	10	4	*14*	13·3	5·3	*18·6*	250	3	...	28	1	...	3	*35*	4·0	...	37·1	1·3	...	4·0	*46·4*	39·8	20	15	55·0	38·4	143
Khulna ...	Khulna	3,249	3,043	6,292	3	...	*3*	24·8	...	*24·8*	No female birth.	2	...	3	...	...	1	*6*	16·5	...	24·8	...	...	8·2	*49·6*	24·8	5	1	80·0	17·1	463
Dinajpur ...	Dinajpur	7,254	5,306	12,560	3	5	*8*	12·4	20·7	*33·1*	60	...	...	13	2	...	4	*19*	...	...	53·8	8·3	...	16·6	*78·7*	78·7	12	7	86·0	68·6	125

Rajshahi ...	Rampur Boalia ...	10,766	9,025	19,791	4	2	*6*	10·5	5·3	*15·8*	200	...	...	19	...	...	...	*19*	...	...	49·9	...	...	...	*49·9*	42·0	16	3	77·3	17·8	44
Rangpur ...	Rangpur	8,011	5,309	13,320	2	6	*8*	7·8	23·4	*31·2*	33	...	...	10	1	...	...	*11*	...	...	39·0	3·9	...	...	*42·9*	74·2	7	4	45·4	[illegible]	115
Bogra ...	Bogra	3,480	2,699	6,179	2	2	*4*	16·8	16·8	*33·7*	100	...	...	5	...	...	...	*5*	...	...	42·1	...	...	...	*42·1*	33·7	1	4	14·9	77·1	19
Pabna ...	Pabna	7,701	7,566	15,267	4	9	*13*	13·6	30·7	*44·3*	44	...	...	15	...	1	3	*22*	...	...	61·3	...	3·4	10·2	*74·9*	40·9	10	12	67·5	82·5	81
	Sirajganj	11,213	9,824	21,037	...	2	*2*	...	4·9	*4·9*	No male birth.	...	...	2	...	...	3	*5*	...	...	4·9	...	...	7·4	*12·4*	9·9	2	3	9·3	15·9	58
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	3	2	*5*	22·2	14·8	*37·0*	150	...	.	1	...	...	...	*1*	...	...	7·4	...	...	...	*7·4*	51·9	1	...	11·4	...	No female death.
Jalpaiguri ...	Jalpaiguri ...	4,972	2,975	7,947	...	1	*1*	...	6·5	*6·5*	No male birth.	...	...	3	...	...	.	*3*	...	...	19·6	...	...	...	*19·6*	32·7	2	1	20·9	17·5	119
Dacca ...	Dacca	42,782	37,379	80,161	21	20	*41*	13·0	13·0	*26·6*	105	1	42	32	4	...	8	*87*	·6	27·2	20·8	2·6	...	5·2	*56·4*	61·0	39	48	47·4	66·8	71
	Narainganj ...	7,605	4,956	12,561	7	10	*17*	29·0	41·4	*70·4*	70	1	...	3	...	...	2	*6*	4·1	...	12·4	...	...	8·3	*24·8*	24·8	5	1	34·2	10·5	325
Faridpur ...	Faridpur ...	5,663	4,600	10,263	3	4	*7*	15·2	20·3	*35·5*	75	...	...	8	..	...	..	*8*	..	...	40·5	...	...	...	*40·5*	81·1	6	2	55·1	22·6	243
Backergunge ...	Barisal	8,701	4,485	13,186	7	9	*16*	27·6	35·5	*63·1*	77	2	...	10	..	1	5	*18*	7·9	..	39·4	...	3·9	19·7	*71·0*	63·1	9	9	53·8	104·3	51
Mymensingh ...	Nasirabad ...	10,443	4,413	14,856	3	2	*5*	10·5	7·0	*17·5*	150	..	1	1	...	...	3	*5*	...	3·5	3·5	...	...	10·5	*17·5*	14·0	3	2	14·9	23·6	63
Chittagong ...	Chittagong ...	13,340	8,790	22,130	5	4	*9*	11·7	9·4	*21·1*	125	...	...	13	..	1	2	*16*	...	...	30·5	...	2·3	4·7	*37·6*	47·0	9	7	35·1	41·4	84
Noakhali ...	Sudharam ...	3,410	1,714	5,124	1	1	*2*	10·1	10·1	*20·2*	100	1	...	...	1	...	1	*3*	10·1	...	...	10·1	...	10·1	*30·4*	...	1	2	15·2	60·7	25
Tippera ...	Comilla	8,153	5,353	13,506	5	3	*8*	15·3	11·5	*30·8*	166	3	..	3	...	..	4	*10*	11·5	..	11·5	...	...	15·4	*38·5*	50·1	6	4	38·3	38·9	98
Patna ...	Patna City ...	78,762	81,475	160,237	36	36	*72*	11·7	11·7	*23·4*	100	2	1	52	21	1	19	*96*	·6	·3	16·9	6·8	·3	6·2	*31·2*	27·3	47	49	31·0	31·3	99
	Bihar	23,799	25,172	48,971	17	19	*36*	15·0	20·1	*38·2*	89	1	3	31	4	...	2	*41*	1·1	3·2	32·9	4·2	...	2·1	*43·5*	40·4	20	21	45·7	43·4	100
	Dinapore	25,424	26,801	52,225	4	4	*8*	3·9	3·9	*7·9*	100	...	...	9	1	..	2	*12*	...	...	8·9	1·0	...	2·0	*11·9*	16·9	8	4	16·4	7·8	210
Gaya ...	Gaya	38,290	37,831	76,121	15	14	*29*	10·2	9·6	*19·8*	107	7	1	47	6	1	11	*73*	4·8	·7	32·1	4·1	·7	7·5	*49·9*	30·7	40	33	54·3	45·4	119
Shahabad ...	Arrah	20,960	22,505	43,465	8	4	*12*	9·6	4·8	*14·4*	200	...	..	17	1	...	3	*21*	...	..	20·3	1·2	...	3·6	*25·1*	37·1	11	10	27·3	23·1	118
	Buxar	9,299	8,369	17,668	2	2	*4*	5·9	5·9	*11·8*	100	...	..	10	...	...	1	*11*	...	..	29·4	...	...	2·0	*32·4*	20·6	6	5	33·6	31·1	108
Muzaffarpur ...	Muzaffarpur ...	23,084	19,658	42,742	15	19	*34*	15·2	23·1	*41·4*	79	...	...	31	7	1	16	*55*	...	...	37·7	8·5	1·2	19·5	*66·9*	60·8	27	28	60·8	74·1	82
Darbhanga ...	Darbhanga ...	33,774	32,322	66,096	42	31	*73*	33·0	21·4	*57·4*	135	..	.	44	12	...	14	*70*	...	..	34·6	9·4	..	11·0	*55·1*	30·7	32	38	49·3	61·1	80
Saran ...	Chapra	25,116	26,554	51,670	17	9	*26*	17·1	9·1	*26·2*	189	...		11	4	1	16	*32*	...	..	11·1	1·0	1·0	16·1	*32·2*	28·2	21	11	43·5	21·5	202
Champaran ...	Motihari ...	6,328	3,979	10,307	4	6	*10*	20·2	30·3	*50·5*	66	...	...	9	..	..	...	*9*	..	..	45·4	...	...	...	*45·4*	60·5	9	1	65·7	13·1	501
Monghyr ...	Monghyr ...	28,154	29,366	57,520	12	17	*29*	10·8	15·4	*26·2*	70	5	...	53	6	...	9	*53*	4·5	...	20·5	5·4	...	8·1	*47·9*	42·5	27	26	49·9	46·0	106
	Jamálpur ...	7,456	6,107	13,563	5	6	*11*	19·1	23·0	*42·2*	83	...	...	10	2	...	1	*13*	...	...	38·3	7·6	...	3·8	*49·8*	52·7	6	7	41·8	59·6	70
Bhágalpur ...	Bhágalpur ...	34,916	33,322	68,238	15	22	*37*	11·4	16·8	*28·2*	68	...	...	67	1	...	6	*74*	...	...	51·1	·8	...	4·5	*56·4*	48·0	37	37	55·1	57·7	95
Purnea ...	Purnea	8,463	6,553	15,016	3	3	*6*	10·4	10·4	*20·8*	100	...	..	8	...	1	1	*10*	...	...	27·7	...	3·4	3·4	*34·6*	38·1	5	2	49·2	15·9	309
Malda ..	English Bazar ...	6,289	6,141	12,430	3	3	*6*	12·5	12·5	*25·1*	100	1	1	10	1	5	...	*18*	4·2	4·2	41·8	4·2	20·9	...	*75·3*	100·4	12	6	99·2	30·8	195
Sonthal Parganas.	Deoghur ...	4,964	3,041	8,005	4	3	*7*	26·0	19·5	*45·5*	133	1	...	7	1	...	2	*11*	6·5	...	45·5	6·5	...	13·0	*71·5*	19·5	6	5	62·9	85·5	73
Cuttack ..	Cuttack ...	22,632	20,607	43,239	15	6	*21*	18·0	7·2	*25·3*	250	...	2	19	3	...	13	*37*	...	2·4	22·8	3·6	...	15·6	*44·5*	27·7	23	14	52·8	35·3	149
Puri ..	Puri	13,247	11,537	24,784	5	8	*13*	10·5	16·8	*27·3*	62	6	.	14	12	...	20	*52*	12·6	...	29·4	25·2	...	42·0	*109·1*	75·3	40	12	157·0	54·1	290
Balasore ...	Balasore ...	10,282	9,983	20,265	4	8	*12*	10·3	20·5	*30·8*	50	...	...	8	4	...	5	*17*	...	..	20·5	10·3	...	12·8	*43·6*	35·9	8	9	40·5	46·9	86
Hazáribágh ...	Hazáribagh ...	7,639	7,667	15,306	7	7	*14*	23·8	23·8	*47·6*	100	...	...	5	...	...	3	*8*	...	...	17·0	...	...	10·2	*27·2*	23·8	5	3	34·0	20·3	176
Lohardaga ...	Ranchi	10,101	8,342	18,443	3	7	*10*	5·4	19·7	*28·2*	43	...	...	6	...	...	3	*9*	...	...	16·9	...	...	8·4	*25·4*	33·8	9	...	46·3	...	No female death.
Singbhum ...	Chaibassa ...	3,126	2,880	6,006	...	1	*1*	...	8·6	*8·6*	No male birth.	1	...	...	...	...	1	*2*	8·6	...	...	...	...	8·6	*17·3*	17·3	1	1	16·6	18·1	91
Manbhum ...	Purulia	5,060	4,244	9,304	3	3	*6*	16·7	16·7	*33·5*	100	...	...	9	1	...	5	*15*	...	...	50·3	5·6	...	27·9	*83·8*	89·4	10	5	102·8	61·3	167
	Total ...	864,834	790,444	1,655,278	438	442	*880*	13·7	13·9	*27·6*	99	173	56	908	128	17	235	*1,517*	5·4	1·8	28·5	4·0	·5	7·4	*47·9*	43·4	843	674	50·7	44·3	[illegible]

* Return not received up to date.

MORTALITY ACCORDING TO—

Class (columns 13 and 14)

Districts.	Names of Municipalities.	Deaths among— Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Ratio per 1,000 of population per annum. Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.
Burdwan ...	Burdwan	...	38	19	...	...	...	83·4	96·3	...	...
	Raniganj	...	28	4	...	...	...	162·0	113·0	...	...
Bankura ...	Bankura	...	29	1	...	...	...	88·8	60·5	...	...
Birbhum ...	Suri	...	11	5	...	...	...	98·0	130·6	...	...
Midnapore ...	Midnapore ...	...	29	8	...	...	...	58·2	37·6	...	...
Hooghly, including Serampore.	Hooghly and Chinsura.	1	35	3	...	...	226·1	72·0	25·3	...	...
	Serampore	3	27	4	...	...	489·0	55·6	221·7	...	...
	Utterpara	...	6	...	...	...	...	58·6	...	...	...
Howrah ...	Howrah	...	63	26	...	...	...	48·1	65·9	...	...
	Bally	...	12	...	...	...	...	46·5	...	...	...
24-Parganas	Cossipore-Chitpur*										
	Manicktola* ...										
	Baranagore ...	...	18	3	...	...	...	36·3	37·6	...	...
	South Suburban	...	16	16	...	...	...	26·3	42·7	...	...
Nadia ...	Krishnagar ...	...	19	12	...	...	...	53·0	75·4	...	...
	Ranaghat	...	5	1	...	...	...	35·5	38·1	...	...
	Santipur ...	...	21	12	...	...	...	52·8	63·8	...	...
Jessore ...	Jessore	...	1	3	...	...	...	11·5	40·8	...	...
Murshidabad.	Berhampore ...	...	16	4	...	...	...	45·8	40·1	...	...
	City Murshidabad	...	22	13	...	...	...	50·4	42·7	...	...
Khulna ...	Khulna	...	1	5	...	...	...	16·3	85·3	...	...
Dinajpur ...	Dinajpur	1	9	9	...	...	553·2	77·2	73·0	...	...
Rajshahi ...	Rampur Boalia ...	...	10	9	...	...	...	52·5	47·7	...	...
Rangpur ...	Rangpur	...	3	8	...	...	...	24·1	62·6	...	...
Bogra ...	Bogra	...	2	3	...	...	...	39·6	45·0	...	...

Age (column 15) — Deaths.

Districts.	Names of Municipalities.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	7	5	4	3	2	8	6	8	7	7
	Raniganj	1	3	2	2	4	7	6	2	1	4
Bankura ...	Bankura	5	...	1	1	5	3	6	1	2	6
Birbhum ...	Suri	3	...	...	...	2	4	...	1	2	4
Midnapore ...	Midnapore	2	4	...	3	5	6	...	7	3	7
Hooghly, including Serampore.	Hooghly and Chinsura.	4	5	1	3	1	6	4	5	3	7
	Serampore	3	2	4	...	3	4	3	7	5	3
	Utterpara	1	1	...	...	...	2	2	...	...	...
Howrah ...	Howrah	4	10	5	2	6	11	21	13	9	8
	Bally	1	1	...	...	...	1	...	3	1	5
24-Parganas	Cossipore-Chitpur*										
	Manicktola*										
	Baranagore	1	...	1	1	2	3	5	2	2	4
	South Suburban	3	4	2	4	1	4	6	1	4	3
Nadia ...	Krishnagar	4	1	1	...	2	2	4	8	4	5
	Ranaghat	...	...	...	...	1	1	1	...	...	3
	Santipur	7	3	1	1	1	3	2	1	4	10
Jessore ...	Jessore	...	...	...	1	...	...	2	1	...	...
Murshidabad.	Berhampore	5	...	...	1	...	...	6	3	4	1
	City Murshidabad	9	3	...	...	2	4	7	3	3	4
Khulna ...	Khulna	...	3	...	...	1	...	...	...	...	2
Dinajpur ...	Dinajpur	...	...	...	...	1	4	5	2	...	7
Rajshahi ...	Rampur Boalia	2	3	...	...	2	3	2	2	5	...
Rangpur ...	Rangpur	4	1	...	...	...	2	1	1	2	...
Bogra ...	Bogra	1	...	...	...	...	1	...	1	...	2

Age (column 16) — Ratio per 1,000 of population per annum.

Districts.	Names of Municipalities.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	551·5	115·2	89·2	62·0	33·3	52·5	45·2	94·2	148·3	245·6
	Raniganj	221·3	158·5	91·9	114·3	254·3	150·2	145·2	83·1	66·1	498·8
Bankura ...	Bankura	549·7	...	23·0	28·7	164·8	47·5	118·1	28·5	94·0	314·3
Birbhum ...	Suri	898·6	...	...	...	134·7	147·3	...	59·0	176·4	435·1
Midnapore ...	Midnapore	140·0	88·4	...	51·3	82·3	42·5	...	97·7	75·6	198·9
Hooghly, including Serampore.	Hooghly and Chinsura.	259·0	117·2	18·0	63·9	20·7	50·3	36·4	62·3	60·0	175·6
	Serampore	219·7	57·6	82·7	...	71·5	38·6	31·4	107·9	135·8	112·1
	Utterpara	323·0	123·5	...	...	...	90·4	95·0	...	...	...
Howrah ...	Howrah	100·8	93·9	41·3	15·8	42·6	25·2	56·6	57·5	85·2	110·9
	Bally	143·6	52·1	...	...	...	15·5	...	80·6	49·6	335·2
24-Parganas	Cossipore-Chitpur*										
	Manicktola*										
	Baranagore	76·8	...	20·9	22·2	45·4	24·4	44·5	25·2	50·3	100·6
	South Suburban	117·6	43·8	20·5	43·5	11·8	20·5	36·1	8·8	62·7	48·0
Nadia ...	Krishnagar	410·4	21·1	15·1	...	50·6	21·6	48·6	127·5	98·7	150·5
	Ranaghat	...	...	...	...	83·5	34·5	41·7	...	...	274·2
	Santipur	430·8	53·8	13·8	17·9	23·4	31·8	24·0	14·8	90·5	264·8
Jessore ...	Jessore	...	...	...	78·2	...	...	68·0	49·5	...	...
Murshidabad.	Berhampore	689·7	...	...	27·3	...	...	70·4	45·3	110·7	32·5
	City Murshidabad	613·4	63·4	...	...	40·2	28·4	50·1	26·7	43·9	67·2
Khulna ...	Khulna	...	195·5	...	...	100·4	...	...	...	...	330·2
Dinajpur ...	Dinajpur	...	...	...	...	51·2	77·2	105·1	66·3	...	569·6
Rajshahi ...	Rampur Boalia	256·2	110·0	...	...	62·6	37·5	28·9	21·2	209·5	...
Rangpur ...	Rangpur	892·7	58·1	...	...	...	32·9	18·9	32·9	141·5	...
Bogra ...	Bogra	379·6	...	...	...	...	39·4	...	76·6	...	331·2

Pabna ...	Pabna ...	...	...	9	13	...	...	...	65·6	83·4	...	...	4	..	2	...	2	2	4	1	2	5	523·9	...	61·5	...	84·6	35·8	88·3	30·5	102·9	261·3
	Sirajganj	...	...	2	3	...	...	...	12·1	12·7	...	...	3	...	...	1	...	1	...	...	...	...	289·4	...	...	27·0	...	14·1	...	...	...	...
Darjeeling ...	Darjeeling	...	...	1	...	...	...	...	11·3	...	...	...	1	...	...	...	...	...	...	...	...	...	429·8	...	...	...	...	...	...	...	...	...
Jalpaiguri ...	Jalpaiguri	...	...	1	2	...	...	...	12·2	28·5	...	...	...	...	...	...	2	...	...	1	...	...	...	...	...	...	104·0	...	...	69·9	...	...
Dacca ...	Dacca ...	...	...	34	53	...	...	...	43·9	70·1	...	...	20	16	10	5	3	10	3	4	1	9	547·9	112·8	83·5	32·7	21·4	33·9	13·4	24·8	11·0	84·0
	Narainganj	...	...	5	1	...	...	...	41·1	8·4	...	...	2	1	...	...	...	...	1	...	...	2	372·8	45·6	..	...	...	...	24·3	...	...	159·5
Faridpur ...	Faridpur	...	...	2	6	...	...	...	19·4	64·3	...	...	...	2	1	...	1	..	...	1	1	2	...	83·4	51·9	...	72·7	...	...	44·6	64·5	140·4
Backergunge...	Barisal ...	...	...	3	15	...	...	...	25·8	114·2	...	...	5	..	1	2	2	2	2	1	...	3	1320·5	...	48·0	91·4	82·3	32·8	41·7	34·2	...	275·1
Mymensingh ...	Nasirabad	...	...	2	3	...	...	...	13·8	22·0	...	..	1	1	.	..	..	1	...	1	1	...	135·3	82·4	..	...	...	14·3	...	29·5	56·4	...
Chittagong ...	Chittagong	...	...	1	15	...	...	...	9·0	51·0	...	...	2	4	1	2	...	...	...	1	2	4	164·7	105·7	20·8	40·4	...	...	.	23·0	95·9	261·3
Noakhali ...	Sudharam	...	1	1	1	...	...	1793·1	20·3	20·8	...	...	...	1	..	.	...	...	2	...	...	...	...	146·1	...	...	...	...	119·1	...	...	...
Tippera ...	Comilla ...	...	...	4	6	...	...	...	35·0	42·2	...	...	3	2	...	...	...	2	...	...	2	1	525·8	79·5	...	..	...	37·7	...	...	129·8	76·7
Patna ...	Patna City	...	...	82	14	...	...	...	35·8	17·8	...	...	21	6	5	3	1	7	6	13	5	2	253·4	28·5	15·4	10·5	4·7	12·6	13·4	35·9	18·4	101·7
	Bihár ...	...	...	31	10	...	...	..	47·9	34·0	...	...	6	5	3	..	3	4	1	3	6	10	210·1	44·9	25·5	..	52·2	24·6	7·4	30·3	86·2	144·6
	Dinapore ...	...	...	12	...	...	...	..	16·2	...	...	...	...	...	...	...	1	...	...	2	2	7	...	...	...	...	15·1	...	...	18·4	27·3	88·7
Gaya ...	Gaya ...	...	...	66	7	...	...	...	57·2	22·6	...	...	14	8	3	1	3	5	13	4	13	9	406·7	65·5	22·3	7·7	25·8	17·7	53·1	21·3	102·9	90·9
Shahabad ...	Arrah ...	...	...	17	4	...	...	...	25·5	16·8	...	...	3	7	1	...	...	1	3	...	...	6	121·1	82·1	10·1	...	...	6·6	21·2	...	...	106·2
	Buxar ...	...	...	8	5	...	...	...	29·9	43·1	...	...	2	...	1	...	...	1	2	1	1	3	259·6	...	25·3	...	...	16·3	31·2	24·5	47·2	144·2
Muzaffarpur ...	Muzaffarpur	...	1	38	16	...	...	233·2	65·8	66·7	...	...	12	9	2	..	1	2	4	7	5	10	653·4	115·8	23·1	...	17·2	12·1	29·8	72·7	128·1	213·6
Darbhanga ...	Darbhanga	...	...	56	14	...	...	...	60·1	41·4	...	...	15	12	6	2	1	2	5	6	3	18	501·0	82·0	39·9	18·7	12·9	7·8	23·3	41·9	35·6	293·0
Saran ...	Chapra ...	...	...	26	6	...	...	...	34·1	26·2	...	...	8	4	...	...	...	6	3	3	...	8	294·8	40·3	...	...	...	33·9	20·0	25·7	...	116·0
Champaran ...	Motihari ...	...	...	7	2	...	...	...	48·4	37·5	...	...	2	2	...	1	1	1	...	1	...	1	759·1	105·9	...	39·9	76·0	25·8	...	48·5	...	85·7
Monghyr ...	Monghyr ...	...	.	4*	5	...	.	...	55·8	27·7	...	...	8	4	1	6	2	2	6	1	6	15	250·1	33·4	7·4	54·4	27·5	10·1	46·6	8·2	78·5	217·5
	Jamálpur	...	...	8	5	...	...	...	42·4	83·8	...	...	3	1	.	..	...	...	1	1	1	6	435·4	34·1	...	...	...	...	21·6	37·0	75·9	467·8
Bhágalpur ...	Bhágalpur	...	...	56	15	...	...	...	59·5	49·6	...	...	9	13	6	...	1	2	7	4	8	24	326·1	104·2	44·2	...	10·5	6·0	33·1	27·2	82·0	290·0
Purnea ...	Purnea ...	...	..	5	5	...	...	...	28·3	45·9	...	...	1	1	1	...	...	1	1	..	4	1	183·7	45·0	32·9	...	...	15·5	15·2	...	222·0	64·4
Malda ...	English Bazar	...	...	12	6	...	...	...	85·9	60·8	...	...	...	2	2	3	...	3	1	1	3	3	...	109·2	69·3	126·3	...	67·9	24·2	35·3	208·6	221·8
Sonthal Parganas.	Deoghur ...	...	...	11	...	...	...	...	74·2	...	...	...	3	...	1	...	1	1	1	1	3	...	1200·0	...	73·7	...	80·2	27·6	32·4	55·5	312·6	...
Cuttack ...	Cuttack ...	..	..	33	4	...	..	...	51·0	27·0	...	...	7	2	1	1	...	3	2	5	6	11	354·8	27·8	10·5	12·8	...	17·9	17·0	57·4	84·3	194·0
Puri ...	Puri ...	...	...	82	...	...	...	...	110·3	...	...	...	5	...	...	...	1	7	12	11	10	6	853·1	...	...	...	28·0	68·9	154·0	172·1	233·1	172·0
Balasore ...	Balasore ...	...	...	13	4	...	...	...	40·1	67·8	...	...	2	2	...	2	1	1	1	4	1	3	196·6	55·8	...	54·0	30·4	12·7	17·8	93·6	40·6	134·7
Hazáribágh ...	Hazáribágh	...	...	5	3	...	...	...	23·6	37·9	...	...	4	...	...	...	...	...	...	1	...	3	427·1	...	...	...	...	...	...	31·9	...	186·4
Lohardaga ...	Ranchi ...	...	.	5	...	...	4	...	28·2	...	...	88·2	1	1	...	1	...	1	3	1	...	1	110·6	28·2	...	25·7	...	13·6	50·8	28·6	...	64·1
Singhbhum ...	Chaibassa ...	...	..	2	...	...	...	...	20·3	...	...	...	...	...	...	...	...	1	1	..	...	...	...	...	...	...	...	43·7	45·6	...	...	...
Manbhum ...	Purulia ...	...	...	11	4	...	...	...	73·4	166·7	...	...	2	3	...	2	...	2	...	3	3	...	587·6	175·1	...	115·9	...	52·1	...	176·7	333·3	...
	TOTAL ...	...	7	1,090	416	...	4	24·3	49·0	45·5	...	46·9	230	160	76	51	68	150	176	135	152	290	312·8	55·8	22·5	15·5	27·9	23·8	33·5	41·7	67·0	148·3

* Return not received up to date.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 11th April 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.,*

Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH, BENGAL.

Abstract Statement showing Tollage on Canals in Bengal classed as Minor Works and Navigation for the month of February 1892, *as compared with that of the corresponding month of the previous year.*

CANALS.	TOLLAGE, 1891-92.						TOLLAGE, 1890-91.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Calcutta and Eastern Canals	49,813	9	3	3,58,008	12	3	53,098	9	9	3,48,215	8	6
Tolly's Nullah ...	11,350	14	9	1,04,047	5	9	14,855	4	3	1,08,686	4	6
Total ...	61,164	8	0	4,62,056	2	0	67,953	14	0	4,56,901	13	0
Orissa Coast Canal ...	7,339	12	0	51,071	2	9	5,531	1	9	56,746	4	6
Nadia Rivers ...	9,200	15	0	1,86,095	5	6	12,450	7	6	1,91,361	13	0
GRAND TOTAL ...	77,705	3	0	6,99,222	10	3	85,935	7	3	7,05,009	14	6

CALCUTTA,
The 12*th April* 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Major Works for the month of February 1892, *as compared with that of the corresponding month of the previous year.*

Canals.	Tollage, 1891-92.						Tollage, 1890-91.					
	During the month.			To end of the month.			During the month.			To end of the month.		
Orissa Circle.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Taldunda Canal System	363	2	2	3,833	15	9	98	6	3	1,876	7	0
Kendrapara ditto	9,043	10	3	85,753	2	8	11,290	9	5	80,816	15	11
High Level, Range I	1,779	6	2	11,109	14	2	1,633	3	1	10,598	6	3
Ditto „ II	365	15	9	2,495	5	0	372	11	9	2,915	4	3
Ditto „ III	170	2	0	1,550	10	4	180	3	9	1,983	11	5
Jajpur Canal ...	35	8	6	237	12	6	37	12	2	284	9	2
Total Orissa Circle ...	11,757	12	10	1,04,980	12	5	13,612	14	5	98,475	6	0
South-Western Circle.												
Midnapore Canal	15,049	11	0	1,10,598	3	3	13,329	5	9	1,14,462	12	3
Hidgellee Tidal Canal ...	5,200	0	3	30,523	1	3	76	8	0	26,809	8	6
Total South-Western Circle... ...	20,249	11	3	1,41,121	4	6	13,405	13	9	1,41,272	4	9
Sone Circle.												
Patna Canal System ...	1.896	3	0	22,318	5	0	2,704	4	0	23,565	3	2
Arrah ditto ...	1,377	12	0	18,535	1	0	1,769	2	6	16,892	12	0
Buxar ditto ...	796	11	0	9,482	8	9	1,070	15	0	9,308	2	3
Total Sone Circle ...	4,070	10	0	50,335	14	9	5,544	5	6	49,766	1	5
Grand Total ...	36,078	2	1	2,96,437	15	8	32,563	1	8	2,89,513	12	2

Government Transport Service.

Canal.	Tollage, 1891-92.						Tollage, 1890-91.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.
Orissa Circle.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level ...	1,385	1,517	1,788 0 3	11,662	11,311	12,063 9 4	1,279	1,719	1,376 4 6	11,139	9,768	12,105 12 3
Total Orissa Circle	1,385	1,517	1,788 0 3	11,662	11,311	12,063 9 4	1,270	1,719	1,376 4 6	11,139	9,768	12,105 12 3

Total Navigation Receipts.

Canals.	Earnings, 1891-92.						Earnings, 1890-91.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Orissa Canals ...	13,545	13	1	1,17,044	5	9	14,989	2	11	1,10,581	2	3
Midnapore Canal ...	15,049	11	0	1,10,598	3	3	13,329	5	9	1,14,462	12	3
Hidgellee Tidal Canal ...	5,200	0	3	30,523	1	3	76	8	0	26,809	8	6
Sone Canals ...	4,070	10	0	50,335	14	9	5,544	5	6	49,766	1	5
Total ...	37,866	2	4	3,08,501	9	0	33,939	6	2	3,01,619	8	5

CALCUTTA,
The 12*th April* 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

EAST INDIAN RAILWAY.

Statement of Goods Traffic in Staples carried during the four weeks ending 27th February 1892, *as compared with the same period of* 1891.

Staples.	1891. Weight.	1891. Freight.	1892. Weight.	1892. Freight.	Increase. Weight.	Increase. Freight.	Decrease. Weight.	Decrease. Freight.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
Coke	2,04,118	31,363	1,97,561	23,800	...	......	6,557	7,563
Cotton, raw	1,39,189	98,836	70,594	49,016	...	...	68,595	49,820
Cotton twist and yarn—								
1.—European	31,203	6,346	8,754	9,183	...	2,837	22,449	......
2.—Indian	16,826	9,120	19,234	9,668	2,408	548	......	...
Cotton piece-goods—								
1.—European	1,49,293	1,64,421	1,56,118	2,11,289	6,825	46,868	......	...
2.—Indian	15,356	8,[illegible]	8,806	4,614	......	......	6,550	3,819
Drugs and chemicals—								
1.—Intoxicating other than opium	1,364	542	583	149	......	......	781	393
2.—Non-intoxicating	14,474	12,407	13,646	10,034	......	......	828	2,373
Dyes and tans—								
1.—Indigo	2,077	2,321	2,697	1,785	620	......	......	536
2.—Myrabolams	21,080	5,147	29,823	6,837	8,743	1,690	......	...
3.—Aniline dyes	235	211	317	347	82	136	......	...
4.—Cutch	1,464	514	1,188	460	......	...	276	54
5.—Paints and colours	14,394	4,430	15,935	6,092	1,541	1,662	......	......
6.—Others	8,599	4,762	4,404	2,280	...	...	4,195	2,483
Grains—								
1.—Wheat	1,64,072	66,567	2,46,172	77,053	82,100	10,486	...	...
2.—Rice	9,42,949	1,[illegible]	8,51,55[illegible]	1,11,893	..	......	91,39[illegible]	14,046
3.—Jawar and bajra	86,574	7,725	57,572	8,364	..	639	29,002	......
4.—Gram	1,05,395	13,278	82,830	22,250	...	8,972	22,565	...
5.—Indigo seed	1,13,626	42,229	98,584	39,618	......	...	15,042	2,611
6.—Seeds other than oil-seeds	34,272	13,058	70,014	25,389	35,742	12,331	...	...
7.—Others	4,45,570	83,933	3,29,017	79,143	...	......	1,16,553	4,790
Hides and skins—								
1.—Hides of cattle	72,428	44,631	42,901	30,824	...	.....	20,527	13,807
2.—Skins of sheep, &c.	10,168	4,777	15,827	9,407	5,659	4,630	......	...
Horns	3,608	2,402	2,026	1,046	......	......	1,582	1,356
Jute—								
1.—Raw	47,731	9,173	44,962	9,782	...	609	2,769	...
2.—Gunny-bags and cloth	76,661	33,662	75,703	35,116	...	1,454	958	......
Lac—								
1.—Stick	36,901	6,409	25,986	7,113	......	704	10,915	......
2.—Shell lac	21,423	15,400	19,133	14,718	......	......	2,290	682
Leather—								
1.—Unmanufactured	1,714	3,380	1,824	3,312	110	......	......	68
2.—Manufactured	3,970	4,133	5,271	5,714	1,301	1,581	......	......
Liquors—								
1.—Beer	8,309	5,322	8,155	5,266	......	......	154	56
2.—Wines	1,856	3,395	2,067	3,711	211	316	......	......
3.—Spirits	1,460	1,979	1,112	1,347	...	...	318	632
Metals—								
1.—Copper, unwrought } 2.—Brass, unwrought } 3.—Brass and copper, wrought }	25,200	17,115	8,667 / 3,712 / 17,615	10,036 / 1,847 / 8,932	4,794	3,700	......	...
4.—Iron	1,32,900	67,640	2,17,514	83,046	84,604	15,406	...	......
5.—Tin	4,312	3,980	4,691	3,521	379	......	......	459
6.—Others	11,904	9,277	12,155	8,733	251	...	......	544
Oils—								
1.—Castor	2,675	407	3,407	938	732	531	......	......
2.—Kerosine	1,03,550	54,437	1,18,207	61,912	14,657	7,475	......	......
3.—Others	7,362	2,724	9,440	3,993	2,078	1,269	......	......
Oil-seeds—								
1.—Linseed	3,50,451	1,15,872	70,166	22,457	......	......	2,80,285	93,415
2.—Rape and mustard	1,73,465	38,920	1,69,800	39,485	...	565	3,665	...
3.—Til or jinjili	59,429	18,817	53,674	13,260	.....	......	5,755	5,557
4.—Castor	27,826	5,584	70,946	1,80,020	43,120	12,445	.....	......
5.—Poppy	17,489	4,586	12,572	3,675	...	......	4,917	911
6.—Others	67,195	20,518	19,672	5,145	......	......	47,523	15,073
Opium	21,740	21,447	716	603	......	......	21,024	20,844
Paper and paste board	6,713	5,008	7,755	4,251	1,042	...	......	757
Provisions—								
1.—Ghee	31,379	26,971	30,891	20,457	......	...	488	6,514
2.—Dried fruits and nuts	33,679	26,047	33,453	24,037	......	......	226	2,010
3.—Cocoanuts	6,513	4,179	6,907	2,818	394	......	......	1,361
4.—Turmeric	10,232	7,402	15,007	8,616	4,775	1,214	......	...
5.—Others	78,721	30,070	94,247	23,257	15,526	......	...	6,813
Salt	4,16,549	91,077	3,81,349	83,202	...	......	35,200	7,875
Saltpetre, &c.—								
1.—Saltpetre	75,459	35,461	82,173	40,154	6,714	4,693	......	......
2.—Borax	5,604	4,259	482	248	......	...	5,122	4,011
3.—Other saline substances	34,964	10,242	40,551	12,187	5,587	1,945	......	......
Silk, raw—								
1. Foreign	15	1	...	......	...	......	15	1
2. Indian	2,809	1,639	2,108	1,101	......	...	701	538
Silk piece-goods—								
1.—Foreign	17	21	34	93	17	72	......	......
2.—Indian	508	885	572	681	64	......	......	204
Spices—								
1.—Pepper	3,973	3,565	4,076	4,069	103	504	......	......
2.—Other	41,259	26,119	44,607	29,002	3,348	2,883	......	......
Sugar—								
1.—Drained	46,762	16,930	24,593	10,973	...	......	22,169	5,957
2.—Undrained	5,72,935	94,323	5,44,426	1,07,372	...	13,049	28,509	......
Stone and lime	2,91,116	51,534	3,06,288	38,003	15,172	....	......	13,531
Tea—								
1.—Foreign	1	2	.....	.....	......	......	1	2
2.—Indian	1,593	1,134	1,082	518	......	...	511	616
Timber, &c.—								
1.—Timber	55,686	12,542	1,26,386	20,676	70,700	8,134	......	......
2.—Firewood	33,461	2,285	30,027	3,756	...	1,471	3,434	......
Tobacco	11,399	4,890	29,203	12,820	17,804	7,930	......	......
Umbrellas	1,227	1,497	1,050	1,382	......	......	177	115
Wool—								
1.—Raw	2,476	2,319	2,525	2,519	49	200	......	......
2.—Piece-goods—								
a.—European	386	380	998	1,300	612	920	......	......
b.—Indian	1,432	1,332	3,361	3,023	1,929	1,691	......	......
3.—Shawls	83	150	.....	.....	......	.....	83	150
All other articles of merchandise	5,39,588	1,65,030	6,38,269	1,93,597	98,681	28,567	......	......
Total	61,09,486	18,75,333	57,55,800	17,03,123	......	......	3,53,686	82,210
Military stores	14,416	20,884	22,611	25,068	8,195	4,184	......	......
Coal—								
1.—For public	37,60,565	5,70,203	46,03,694	7,07,429	8,43,129	1,37,226	......	......
2.— „ Railway	3,20,928	20,578	3,77,703	48,531	56,775	27,953	......	......
Railway Materials—								
1.—For construction and revenue	7,76,545	36,250	8,05,457	26,497	28,912	......	......	9,762
Live-stock	......	12,101	......	14,211	......	2,110	......	......
Total	1,09,81,940	25,25,358	1,15,65,265	26,14,859	5,83,325	79,501	......	......

E. WEATHERDON, *Assistant Auditor*.

TRAFFIC AUDIT OFFICE, GOODS DIVISION, JAMALPUR, *the 7th April* 1892.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 2nd April 1892, on 1,552¾(a) miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
	(b)	Rs. A. P. (b)	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	310,354	4,05,444 11 0	27,05,451 0	6,90,265 3 0	19,628 0 0	11,15,337 14 0	88,546½	107,576½	196,123½
Or per mile of railway	......	261 1 10	.....	444 8 8	12 10 3	718 4 9	......	......	.....
For previous 12 weeks of half-year	3,452,484	38,63,670 14 0	3,38,72,890 10	78,75,228 13 8	2,10,719 15 9	1,19,49,619 11 5	929,024½	1,274,958½	2,203,983½
Total for 13 weeks ...	3,762,838	42,69,115 9 0	3,65,78,341 10	85,65,494 0 8	2,30,347 15 9	1,30,64,957 9 5	1,017,571½	1,382,533	2,400,106½
Comparison.*									
Total for corresponding week of previous year	273,036	3,82,977 3 0	27,19,911 20	6,96,903 11 6	22,529 7 3	11,02,410 5 9	74,831	104,869	179,701
Per mile of railway corresponding week of previous year ...	......	251 0 10	......	456 13 4	14 12 4	722 10 6	......	......	......
Total to corresponding date of previous year	3,783,976½	46,54,192 6 6	3,59,87,849 20	85,41,353 13 7	2,82,764 15 1	1,34,78,311 3 2	1,013,565	1,338,521	2,352,086

(a) Nalhati Branch 27¾ miles added.
(b) The increase in coaching traffic is at Howrah and Allahabad, and is chiefly due to movement of pilgrims.

PATNA-GAYA STATE RAILWAY.

Approximate Return of Traffic for week ended 2nd April 1892, on 57¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	22,404	11,661 0 0	67,726 30	4,525 1 0	57 0 0	16,243 1 0	1,749	1,150	2,899
Or per mile of railway	392	203 2 8	1,185 10	79 1 9	0 15 11	283 4 4	.....	......	......
For previous 12 weeks of half-year	180,002*	96,552 7 0*	7,62,009 0†	43,450 15 0†	599 9 8‡	1,40,582 15 3	21,963	10,815	32,778
Total for 13 weeks ...	202,406	1,08,173 7 0	8,29,805 30	47,976 0 0	656 9 8	1,56,786 0 3	23,712	11,965	35,677
Comparison.									
Total for corresponding week of previous year	20,116¾	11,666 8 9	69,941 0	5,134 14 0	68 5 0	16,869 11 9	1,530	978	2,508
Per mile of railway corresponding week of previous year .	352	203 15 5	1,222 10	89 12 4	1 3 1	294 14 10	.. ...	......	.....
Total to corresponding date of previous year	249,304	1,47,970 4 4	6,10,468 30	42,267 13 0	786 12 0	1,91,024 13 10	21,777	10,840	32,617

* Added number of passengers 1,255 and Rs. 1,033 }
† Ditto maunds 42,011 and ,, 578 } on account of difference between the approximate and audited figures from week ended
‡ Ditto ,, 18 } 6th to 27th February 1892.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 2nd April 1892, on 22¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	21,041	5,580 0 0	15,871 0	648 7 0	12 0 0	6,240 7 0	862	106	968
Or per mile of railway ..	... ..	251 3 1	......	29 2 3	0 8 8	280 14 0	......	......	......
For previous 12 weeks of half-year	275,660*	69,565 8 0*	2,34,571 30†	8,120 7 9†	151 0 9‡	77,837 0 6	10,918	1,299	12,217
Total for 13 weeks ...	296,701	75,154 8 0	2,50,442 30	8,768 14 9	163 0 9	84,086 7 6	11,780	1,405	13,185
Comparison.									
Total for corresponding week of previous year	22,478	5,838 0 6	18,651 30	609 0 0	6 7 3	6,453 7 9	855	113	968
Per mile of railway corresponding week of previous year ..	......	262 6 1	......	27 5 11	0 4 8	290 0 8	......	......	.....
Total to corresponding date of previous year	334,720	89,556 15 7	1,94,260 30	6,584 14 0	131 0 0	96,272 13 7	12,551	1,419	13,970

* Added number of passengers 15,171 and Rs. 3,691 }
† Added maunds 26,764 ,, 252 } on account of difference between the approximate and audited figures from week ended
‡ Ditto ,, 15 } 6th to 27th February 1892.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 2nd April 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	23,357	21,469 1 0	44,147 20	10,562 7 0	67 0 0	32,098 8 0	6,719	2,803¾	9,522¾
Or per mile of railway ...	......	132 8 5	......	65 3 3	0 6 7	198 2 3	......	......	......
For previous 12 weeks of half-year	190,466*	1,36,779 11 0*	5,60,384 10†	1,02,803 8 0†	760 15 9‡	2,40,344 2 9	72,374¼	24,774¾	97,109
Total for 13 weeks ...	213,823	1,58,248 12 0	6,04,531 30	1,13,365 15 0	827 15 9	2,72,442 10 9	79,053¼	27,578¾	1,06,631¾
Comparison.									
Total for corresponding week of previous year	20,237	20,385 4 2	42,346 0	9,531 0 0	368 7 6	30,284 11 8	6,588	2,831	9,419
Per mile of railway corresponding week of previous year ..	......	125 13 4	......	58 13 4	2 4 5	186 15 1	......	......	......
Total to corresponding date of previous year	75,502¼	71,569 6 1	1,54,733 20	39,588 5 0	577 13 9	1,11,735 7 10	30,836	9,758	40,594

* Added number of passengers 1,053 and Rs. 3,614 }
† Ditto mds. 9,220 and ,, 1,339 } on account of difference between the approximate and audited figures from week ended 6th to 27th February 1892.
‡ Ditto ,, 70 }

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhut State Railway.)

Approximate Return of Traffic for the week ending 26th March 1892, on 755 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Coaching.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 755 miles open	1,73,450	91,750(*a*)	2,86,100	43,100	10,880	1,45,730	15,629	16,952	32,581
Or per mile of railway	229·74	121·52	378·94	57·09	14·41	193·02	......	......	......
For previous 11¾ weeks of half-year (*b*)	903,962	3,90,314	36,86,789	4,96,719	1,00,938	9,87,971	130,812	186,477	317,289
Total for 12¾ weeks .	1,077,412	4,82,064	39,72,889	5,39,819	1,11,818	11,33,701	146,441	203,429	349,870
Comparison.									
Total for corresponding week of previous year on 705 miles open	75,400	32,086	3,65,792	58,043	*6,922	97,051	11,161	18,188	29,341
Per mile of corresponding week of previous year	107·04	45·51	518·85	82·33	9·82	137·66	......	......	......
Total to corresponding date of previous year	1,157,156	5,02,018	40,78,906	7,08,085	1,04,844	13,14,947	136,405	237,633	374,038

(*a*) Increase in passenger traffic is due to " Baruni" bathing mêla.
(*b*) Includes audited figures up to 16th January 1892.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs. A. P.
Approximate earnings for week ending 19th March 1892	10,868 0 0
Corresponding period of 1891	9,352 0 0
Increase	1,516 0 0
Receipts per mile for week ending 19th March 1892	213 1 7
Corresponding period of 1891	183 6 0
Increase	29 11 7
Receipts from 1st January to 19th March 1892	99,264 0 0
Corresponding period of 1891	93,528 0 0
Increase	5,736 0 0

Printed and published by Edwin Morris Lewis at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 13th April 1892.

[REGISTERED No. 29.]

No. 16 of 1892.

SUPPLEMENT TO
The Calcutta Gazette.

WEDNESDAY, APRIL 20, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

FAMINE RELIEF WORK IN NORTH BENGAL AND BIHAR.

REVENUE DEPARTMENT—AGRICULTURE.

Calcutta, the 16th April, 1892.

RESOLUTION No. 1529.

READ—

The revised Bengal Famine Code published in the *Calcutta Gazette* of the 20th January 1892.

Read also—

Correspondence with the Commissioners of the Patna, Bhágulpur and Rajshahi Divisions, regarding the present scarcity in parts of those Divisions.

THE Lieutenant-Governor finds there are certain points in which the Revised Famine Code is not precisely suited to the exact stage of distress which has been reached at present in Bengal. It does not seem necessary to alter the Code; but the following instructions are meant to show in what respects it may, for the time, be modified with advantage.

CLASSIFICATION OF WORKS.

2. The terms, Civil Agency Works and Professional Agency Works, used in the Code, are not very suitable to the conditions of Bengal, where the Professional Agency, *i.e.*, the Public Works Department, is weak, and the Collector of the district has at his side the District Engineer and his staff who are able to give professional help in any work he sets going with funds supplied by the District Board. It is necessary, however, to adhere to those terms, which are suitable to other provinces of India, with this explanation.

Professional Agency Works are works carried out with Provincial funds and under officers of the Public Works Department. They will generally be large works, such as railway branches, canals, &c. There are at present no such works started in the affected districts.

Civil Agency Works are those which are carried out by the Collector, with such help as he requires from the District Engineer and his subordinates, and with funds supplied by the District Board. They include what were formerly called agricultural works, and consist generally, as explained in section 26 of the Revised Code, of the construction of new roads, the raising or enlargement of old roads, the construction or renewal of tanks, drainage channels, irrigation channels, and embankments. All relief works now carried on in this province belong to this class.

CLASSIFICATION OF WORKERS.

3. The Revised Famine Code (section 31) divides labourers on relief works into—

A—Able-bodied persons accustomed to labour.

B—Able-bodied persons not so accustomed.

C—Persons not able-bodied, but fit for light employment.

Also under section 53, infirm persons dependent on the labourers are allowed to remain on the relief work, and receive the minimum wage (see also column 17, Form I, page 32, of Revised Code).

The Government of India has recently called for a monthly report in which the numbers on relief works are shown in four classes, the Class A as above defined being sub-divided, thus—

I—Able-bodied persons accustomed to labour of the kind required on relief work.

II—Able-bodied persons accustomed to labour, but not to labour of the kind required on the relief work.

It is obvious that in both these cases the classification requires some knowledge of the past life-history of the labourer. This is difficult to get, and can hardly be got with sufficient accuracy to be of use: if the labourer has any suspicion that the information he gives will be turned against him, he will try to deceive the enquirer by giving false replies as to caste and village: and if the classification is left to the officer in charge of the Relief Work, it will not be uniform. As a matter of fact, His Honour finds that the classification practically adopted on almost all the Relief Works he has visited is as follows:—

(*a*) *Persons who are paid by piece-work.*—A pit containing so many cubic feet of earth is measured off for a gang of labourers, and when it is finished they are paid the stipulated sums, provided that they do not thereby receive more than the maximum daily wage for the number of days employed on the work.

(*b*)—*Persons who are paid by task work*—Their work is similarly demarcated for them, and they are stimulated to do what is held to be a fair day's task for people of their calibre for a three-quarter wage. If they do less, they are fined, but never get less than the minimum wage.

(*c*)—*Persons who are paid by daily labour.*—Their work is not measured, but they are encouraged to do what they can, and they receive the minimum wage.

4. This classification is the result of the natural selection of the fittest, and is in accordance with facts, and His Honour thinks it may be accepted. During the present stage of affairs, and till further orders are issued, the labourers will be classed in this way, and the daily register and the weekly return sent into head-quarters will be filled up on the understanding that A, B, and C are interpreted as above. In the monthly return supplied to the Government of India, the first three of the columns shewing number of labourers will be taken as equivalent to A, B, C, as above, and the fourth column will contain the infirm dependants mentioned in section 53 of the Revised Code.

It further seems desirable, and in accordance with facts, to divide children, that is, young persons of either sex who are approximately below 14 years of age, into two classes, big children (say above 8) and small children. The former are seen handling a kodali or carrying a small basket; the latter often

carry clods of earth on their heads, but hardly assist appreciably in the outturn of work. They should, however, be counted in the muster-roll and receive a small wage.

PIECE-WORK.

5. The system of piece-work is encouraged by section 35 of the Code, but only faintly. The reason is that the Code contemplates a much worse state of things than at present exists. So far as Sir Charles Elliott has seen, the distress in Bengal has been taken in time. The people are as fit to work and as strong as they ever were. He has not met with half-a-dozen cases which showed any signs of emaciation or weakness due to hunger. In these circumstances piece-work should not only be encouraged, but insisted on as the general rule; probably about nine-tenths of the labourers should be classed as A, and the rest as B and C. Officers in charge of relief works should do their utmost to distribute all their able-bodied labourers into small gangs, allotting to each a pit which will occupy them at least one day, and, better still, two or three days at the end of which the work will be measured and they will be paid.

THE AMOUNT OF WORK TO BE DONE.

6. Mr. King's formula,* which has been circulated with the Commissioner of Patna's report of the 21st March, is based on the assumption that—

* $R = W(A + \frac{L+50}{12 \cdot 5})$.

(1) a man can cut 100 cubic feet of hard soil in a day; 150 of soft soil;
(2) a man can carry 125 cubic feet of soil for 50 feet in a day, with a 5-foot lift;
(3) he can carry the same quantity for an additional 100 feet in another day.

Allowing for a woman doing a little less carrying than a man, we may lay down the following rule:—

A man and woman working together can cut and carry 100 cubic feet for a 50-foot lead, and a man and two women can do the same for a 150-foot lead. Therefore, the piece-work rate for 100 cubic feet should be the maximum ration wages for a man and woman for a 50-foot lead, and similar wages for a man and two women for a lead exceeding 50 feet, or a lift exceeding 5 feet.

In the case of task-work, which is only permitted for persons of a slightly inferior physique, it will be necessary to allow a further margin: for instance, it might be said that 100 cubic feet is the daily task for one and two women (or a man, a woman and a child), and a similar addition should be made for any increase in the lead.

THE WAGE.

7. The mode of calculating the wage, *i.e.*, the value of the full or portional ration, is elaborately descirbed in Chapter XIV of the Revised Code. It is not, however, desirable ever to fix the wage in pies, a coin not commonly used in the villages. Nor is it desirable, having once fixed it, to raise or lower it according to any minute variations in the market, that is, by less than a pice at time. Moreover, prices are so even now over the whole distressed area that in districts it seems possible to fix a uniform wage for all districts in Bihár and North Bengal, and thus to avoid the danger of emigration from the neighbourhood of home to a district where the labourer may be told he will receive a higher wage. The only difference that seems needful to make is this, that where cheaper grain, such as marwa, kurthi or makai are procurable, and are the customary food of the people, the calculation should be made for a ration compounded of those grains, or for a ration compounded half of rice and half of some cheaper grain, and not for rice alone. Details are given in Appendix, showing how the different value-rates are worked out.

The Lieutenant-Governor thinks it will, therefore, be proper to decide that for the present, and till further orders, the following wages be given—

A.—In districts where coarse rice is the usual food, or the only food easily procurable—

	Man.	Woman.	Big child.	Small child.
	Pice.	Pice.	Pice.	Pice.
Full ration wage ...	6	5	3	2
Three-quarter wage ...	5	4	2	1
Minimum wage ...	4	3	2	1

B.—In districts where cheaper grains are procurable, and are the usual food of the labourers—

	Man.	Woman.	Big child.	Small child.
	Pice.	Pice.	Pice.	Pice.
Full ration wage ...	5	4	3	2
Three-quarter wage ...	4	3	2	1
Minimum wage ...	3	2	1	1

The Commissioner of the Division will decide whether a district should be classed as A or B.

8. It will follow from this that the piece-work and task-work rates should be fixed, so as to approximate as nearly as possible to the following figures:—

	PER 100 CUBIC FEET WITH A 50′ LEAD.		PER 1,000 CUBIC FEET WITH A 50′ LEAD.	
	A districts.	B districts.	A districts.	B districts.
	As.	As.	Rs. A.	Rs. A.
Piece-work ...	2¾	2¼	1 11½	1 6½
Task-work ...	3¼	2½	2 0½	1 9

with five and four pice added in A and B districts, respectively, for every additional 100 feet of lead.

These figures, however, are given only as a general indication, and in order to attain some degree of uniformity, and avoid such differences as a recent report disclosed, where one district was paying for piece work 1 anna per 100 cubic feet, and another was paying 3 annas. It is not intended hereby to fetter the discretion of Collectors, who must fix the rates for piece-work on the basis of actual observation of what the labourers can do and earn.

9. It should be understood, in case professional workers like bildars, nunias, &c., who could perhaps do double the calculated tasks in a day, come on the works, that no one is permitted to earn more in a day than the maximum daily wage as above calculated.

10. Prices must, however, be carefully watched, and if any rise or fall in the market rates, sufficient to alter the calculated value of the ration-wage by one pice, takes place, the alteration should be made by the Collector, and reported immediately for the approval of the Commissioner, and the fact should be noted in the next half-monthly report.

11. These figures apply mainly to the task of cutting and carrying earth, as in excavating a tank, or in throwing up a raised road. In the latter case the work of patting and consolidating the earth should be given to C, that is, daily labour people; the final dressing and making up must be done by the practised workmen of the District Engineer, not by relief labour.

REGISTERS AND RETURNS.

12. Four registers are required on a relief work—

First, the muster-roll, on which the attendance of the labourer for every day of the month will be entered. The arrangement should be—*firstly*, the mate in charge, and *secondly*, the village: under each village the names of the labourers should be entered, with the caste and class and description of each (*i.e.*, men, women, big child, or little child, and, A, B or C); a mate can generally hold charge of about 100 labourers.

Second, the muster-roll of infirm dependents allowed on the work under section 53 of the Revised Code, receiving the minimum wage.

Third, the measurement-book for piece-work or task-work. This shows the people by gangs, and the work done each day. Each pit should be numbered, and the number given it in the book should be scratched on the bottom of the pit, so that an Inspecting Officer coming round within the next two or three days, may be able to test the entry in the book by actual measurement.

Fourth, the Daily Registers showing for each day of the month the number of labourers, A, B, and C, the work done, and the money paid. (This supersedes Form I of the Relief Code). The total of column 24 in this register

should agree with the daily total of the muster-roll, and the figure in column 11 should agree with the total of column 6, in the measurement-book.

Copies of these forms, filled up with exemplar figures, will be found in the Appendix.

13. The Daily Register should be written up every day by the relief work officer; and on the last evening of the week he should send a copy of the week's figures to the Collector or the officer to whom he is immediately subordinate, arrangements being made that the return may certainly reach the district head-quarters by Monday evening. This may be effected by sending in a special messenger or by the district dák. If necessary, a staff of dák runners may be put on for the purpose and charged to the Zamindari Dák Cess. This copy of the Daily Register supersedes Form No. 2, page 33, of the Revised Code.

GRATUITOUS RELIEF.

14. No modification is required of the instructions in Chapter III concerning gratuitous relief, except as regards the provision in section 22 that the dole should be of flour. In this province flour is not commonly used. The dole should be of rice, or marwa, or kurthi, or makai. Where the cheaper grains can be easily procured, and are commonly eaten by the people, the dole may be confined to them; elsewhere it may consist half of rice and half of makai or other cheaper grain, if procurable.

Three registers of gratuitous relief are required, and the forms are given in the Appendix.

The first is the Register of Relief. It shows, village by village, the name of each recipient, the age and sex and caste, causes of disability, and the signature of the investigating officer. It provides also for the removal of the name.

The second is the muster-roll, and shows briefly who attended at each distribution, the total number, and the amount distributed.

The third contains the names of those who receive cotton to spin or any other work of the kind, the quantity given out and the quantity returned, with date.

Each person entered in the register of gratuitous relief should receive a stout card-board ticket, about four inches square, showing the circle number, village number, and name.

15. The Lieutenant-Governor finds that the practice recommended in section 22 of the Code, of giving to the paupers tickets entitling them to receive the dole from a bunnia, is not approved in this province, and the practice everywhere appears to be to make the distribution at fixed centres on a fixed day before a responsible officer, such as a Deputy Collector or Sub-Deputy Collector. This is undoubtedly the better way, so long as the numbers are small enough to admit of it.

16. The officer in charge of this form of relief must send in weekly a return showing the number of persons on gratuitous relief—men, women, and children, and the amount disbursed. This must be made up to the close of the last day of the week, and must reach the district head-quarters by Monday evening. The arrangements for forwarding this return will be the same as those described in paragraph 13 of this note, above.

REPORTS AND RETURNS OF FAMINE RELIEF SENT BY DISTRICT OFFICERS TO THE COMMISSIONER OR TO GOVERNMENT.

17. The Collector has two returns to submit:

One is a weekly one, to be sent by telegraph to Calcutta to the Under-Secretary, Revenue Department, every Tuesday, in order that it may be embodied in a report which the Bengal Government has to submit to the Government of India every Wednesday. It contains the following figures for the preceding Saturday:—

	Men.	Women	Children	Total
On relief works				
On gratuitous relief				

The figures of the first line will be supplied from those against the last day in the week in the return sent in by each Relief Work officer under paragraph 13 above, and those of the second line from the figures sent in by each officer in charge of gratuitous relief under paragraph 16 above.

Each Collector must fix the last day of the week for each relief work and relief circle, with reference to its distance and the route the return has to take, so that it may reach district head-quarters by Monday evening. As far as possible, the work should be made to end on Saturday. But if the return for such a week cannot reach head-quarters by Monday, then Friday or even Thursday must be fixed. But punctuality in the receipt of these two returns every Monday evening is essential.

18. The second is a half-monthly report. It should be despatched on the 2nd and 16th of each month, and should reach the Commissioner by the 4th and 18th. In every three months five of these reports will be based on the weekly figures of two weeks, and one on the figures of three weeks. Each report should therefore begin by saying: The figures of this report relate to figures of the weeks ending so and so, and so and so. The reports which at present reach Government are excellent of their kind, and need but little alteration. The Government of India desires that attention should be paid to the monthly death-rate, especially if there is any reason to believe that any increase in it is due, directly or indirectly, to famine; and each report should contain abstracts from the weekly returns sent in from each relief work, showing the average number of labourers (A, B, C, and total) on the work during the week; the total earthwork done, total expenditure (see paragraph 13), &c. For gratuitous relief a statement should be drawn up, showing for each circle the number of persons receiving doles, men, women, and children, and the total expenditure of the week (as in paragraph 16).

19. With the second half-monthly report for each month, a map showing the affected area in the district should be submitted in duplicate, the tracts seriously affected being coloured dark-blue, and those slightly affected light-blue. Also the two statements desired by the Government of India should be submitted. Copies of these are attached to this Resolution. In Statement A, the first five columns should be filled up once for all. Columns 6, 7, 8 are the total number of A, B, and C labourers on the last day of the last week of which the return has been received, and column 9 will be the figure in columns 17 and 18 of the weekly return for dependents. Column 11 will be the total number receiving doles in the last preceding week. In columns 12, 13, 14 should be entered coarse rice, and such other cheap grains as are used for food by the labourers, *e.g.*, marwa, kurthi, makai, at present. Column 15 should show the district death rate which the Collectors should obtain direct from the Civil Surgeons, the name of the month for which the figure is given being written above it.

In Statemennt B, columns 1 and 2 will be filled up once for all; column 3 will be blank as the programmes have not been gazetted.

Column 4 will show works employing 300 persons and over for three months; column 5, the smaller works.

Columns 6 and 7 will be columns 4 and 5 minus the numbers shown as employed on relief works from the beginning up to date. Columns 8, 9, 10, 11, 12 will henceforth contain figures of expenditure, starting from 1st April 1892.

Column 13 will not be filled up, unless the land revenue has been suspended by a definite order of Government or of the Board of Revenue.

ORDER—Ordered that this Resolution with its appendices be published in the *Calcutta Gazette*, and that copies of it be forwarded to the Commissioners of the Patna, Bhágalpur, and Rajshahi Divisions for communication to the Collectors of their Divisions.

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,

Secretary to the Government of Bengal.

APPENDIX I.

Bases of calculating the money-value of the ration-wage.

The principal item of food being, per rupee	Seers 18.	Seers 17.	Seers 16.	Seers 15.	Seers 14.	Seers 13.	Seers 12.	Seers 11.	Seers 10.	Seers 9.	Seers 8.
A man's	A. P.	A. P.	A. P.	A. P.	A. P.	A. P.	A. P.	A. P.	A. P.	A. P.	A. P.
Full ration of this costs	0 8	0 8	0 9	0 10	0 10	0 11	1 0	1 1	1 2	1 4	1 6
Minimum ration costs	0 5	0 6	0 6	0 6	0 7	0 7	0 8	0 9	0 10	0 11	1 0
A woman's											
Full ration of this costs	0 7	0 7	0 8	0 8	0 9	0 9	0 10	0 11	1 0	1 2	1 3
Minimum ration costs	0 5	0 5	0 5	0 6	0 6	0 6	0 7	0 8	0 8	0 9	0 11

Pulses being, per rupee	Srs. 12	Srs. 10	Srs. 8
A man's	A. P.	A. P.	A. P.
Full allowance for this is ...	0 2	0 2	0 3
Minimum	0 1	0 1	0 2
A woman's			
Full allowance	0 2	0 2	0 3
Minimum	0 1	0 1	0 2

	S.		S.	
With salt at ...	10	to	8	Per rupee.
„ oil at ...	2½			
Condiments and vegetables ...	20	to	16	

	Man.	Woman.
The allowance for—		
Full ration is ...	0 0 3	0 0 2
Minimum ...	0 0 1⅙	0 0 1⅙

Rice on the 31st March varied between 10 and 12 seers per rupee, and the average may be taken at 11 seers. Makai and kurthi were selling at about 16 seers. Pulses vary a good deal: the average may be taken at 12 seers. Adopting these rates, the value of the different rations is—

A.—Districts.

	Man's ration. Full.	Man's ration. Minimum.	Woman's ration. Full.	Woman's ration. Minimum.
	A. P.	A. P.	A. P.	A. P.
Rice	1 1	0 9	0 10	0 7
Pulse	0 2	0 1	0 2	0 1
Condiments ...	0 3	0 1⅙	0 2	0 1⅙
Total ...	1 6	0 11⅙	1 2	0 9⅙
Or in pice	6	4	5	3

B.—Districts.

	Man's ration. Full.	Man's ration. Minimum.	Woman's ration. Full.	Woman's ration. Minimum.
Cheaper grain, Makai, Kurthi, &c. ...	0 9	0 6	0 8	0 5
Pulse	0 2	0 1	0 2	0 1
Condiments ...	0 3	0 1⅙	0 2	0 1⅙
Total ...	1 2	0 9⅙	1 0	0 7⅙
Or in pice	5	3	4	2

A.

MUSTER-ROLL OF LABOURERS ON RELIEF WORK.

Name of relief work ... ... Kahatpur tank.
Name of mate ... ... Sahibdin.
Name of village ... ... Akálpur.
Distance of village from relief work ... 1 mile, north-east.

1	2	3	4	5	6																													
					Entry of attendance.																													
Serial number of labourers.	Name.	Caste.	Description.	Class.	1st April.	2nd April.	3rd April.	4th April.	5th April.	6th April.	7th April.	8th April.	9th April.	10th April.	11th April.	12th April.	13th April.	14th April.	15th April.	16th April.	17th April.	18th April.	19th April.	20th April.	21st April.	22nd April.	23rd April.	24th April.	25th April.	26th April.	27th April.	28th April.	29th April.	30th April.
1	Joga Khan ...	Jolaha ...	M.	A.	p.	p.	p.	p.	a.	a.	p.	p.																						
2	His wife ...	Do. ...	W.	A.	p.	p.	p.	p.	a.	a.	p.	p.																						
3	His child ..	Do. ...	B. C.	A.	p.	p.	p.	p.	a.	a.	p.	p.																						
4	Amir Ali ...	Do. ...	M.	A.	p.	p.	a.	p.	p.	a.	p.	a.																						
5	Jagarnath ...	Musahir ...	M.	B.	p.	p.	p.	p.	p.	p.	a.	a.																						
6	His wife ...	Do. ...	W.	B.	p.	p.	p.	p.	p.	p.	a.	a.																						
7	His child ...	Do. ...	. C.	B.	p.	p.	p.	p.	p.	p.	a.	a.																						
8	Ditto ...	Do. ...	S. C.	B.	p.	a.	p.	a.	p.	a.	a.	a.																						

N. B.—This roll is to be written up by the officer in charge of the work or by the mate every morning.
Column 1—Should contain a serial number for all the villages in one mate's charge.
Column 4.—Enter M., W., B. C., and S. C., for men, women, big child and small child.
Column 5.—Enter A. B. or C. according to class of work performed.
Column 6.—Enter p. for present and a. for absent, or corresponding letters in Kaithi; or else enter here, for those present, the letter A B or C, leaving a blank for the absent. This will enable the officer to show when a labourer has been moved from one class to another during the month.

B.

Muster-Roll of infirm persons and dependents present on relief work under section 53 of the Code, but doing no real work.

1	2	3	4	5	6	7																													
						ENTRY OF ATTENDANCE.																													
Serial number.	NAME.	Name of village.	Caste.	Description.	Age.	1st April.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.	22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.

N.B.—This is to be written up daily by officer in charge of the relief work.
Column 5.—Enter M or W for man or woman. (There will be no children in this list.)
Column 7.—Enter p for present, a for absent, or corresponding letters in kaithi : or if preferred enter the number of pice paid to each person present under each date, instead of p, leaving a blank where he i absent.

C.

MEASUREMENT BOOK.

Name of relief work .... Kahatpur tank.

Name of mate in charge ... ... Sahibdin.

Date month

Piece-work.

No. of pit.	Dimension.				Rate per 100 c. ft.	Amount payable.	Number in Gang.					Date of payment.	
	Length.	Breadth.	Depth.	Cubic contents.			M.	W.	B. C.	S. C.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
					Annas.	Annas.							
1	50	10	1	500	2¼	11¼	4	5	1	2	12		
2	20	10	1	200	...	4½	2	2	.....	......	4		
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
Total of piece-work.													
					Task work.								
16	10	10	1	100	2¼	2¼	1	1	1	.....	3		
17	10	10	1	100	....	2	....	2	2	....	4		
Total of task work.													
Grand total of the day.													

N. B.—One whole page of the book, or if necessary more than one, should be given to each day. If payment is not made daily, the actual date

D.

DAILY REGISTER.

Relief work *Kahatpur Tank.*

MONTH.	DATE.	Number of persons employed on piece or task work. A.				B.				Amount of work done.	Amount paid.	Number employed. C.				Dependents.		Amount paid.	Total number employed on work.					Total amount paid.
		M.	W.	B. C.	S. C.	M.	W.	B. C.	S. C.	C. ft.		M.	W.	B. C.	S. C.	M.	W.		M.	W.	B. C.	S. C.	Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	13	19	20	21	22	23	24	25
											Rs. A. P.							Rs. A. P.						Rs. A. P.
April	1	44	42	14	15	3	4	2	3	5,950	8 5 9	3	6	1	2	3	4	0 10 3	53	56	17	20	146	9 0 0.
	2																							
	3																							
	4																							
	5																							
	6																							
	7																							
	Total of week																							
	8																							
	9																							
	11																							
	12																							
	13																							
	14																							
	Total of week																							

A separate register in this form should be kept by every mate, and the total of the returns of the different mates should be entered by the officer in charge in this register every evening. If work is not measured up and paid for daily, entries in columns 11, 12 and 25 should be made whenever the measurements and payments are made.

E.

Register of Gratuitous Relief.

Name of Circle—Khairátábád.

Village Akálpur.

Distance and direction of village from Circle head-quarters—5 miles, South-West.

Serial number for circle.	Serial number for village.	Name.	Caste.	Sex.	Age.	Cause of disability. (See sections 20 and 21 of Code.) Lunatic.	Cripple.	Blind.	Decrepit through age.	Pardanashin woman.	Other cause.	Admitted. Date.	Admitted. Signature of officer.	Removed. Date.	Removed. Signature of officer.	Cause of removal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	1	Rambaksh ...	Koeri	M ...	70	......	......	......	×			16th March ...	A. B. ...			
2	2	Kamiran ...	Mussalman ...	W ...	60	......	......	......		×		16th ,, ...	A. B. ...	18th April ...	A. B. ...	Has well-to-do relatives.

The number in column 1 should be consecutive for the Circle; in column 2 a fresh number should begin for each village.
The cause of disability may be shown by the mark × under the proper column.

F.

Muster-roll of Gratuitous Relief.

Name of Circle—Khairátábád.

No. in Register.	Week ending 2nd April.		Week ending 9th April.		Week ending 16th April.	
	Quantity.	Kind.	Quantity.	Kind.	Quantity.	Kind.
1	2	3	4	5	6	7
1	$3\frac{1}{2}$ seers ...	$\frac{1}{2}$ Makai .. $\frac{1}{2}$ Kurthi ...	$3\frac{1}{2}$ seers ...	$\frac{1}{2}$ Makai .. $\frac{1}{2}$ Marwa ...	A	
2						
3						
4						
5						
6						
7						

The weekly quantity doled out will be entered in the column for the week. If the person does not attend, absence will be marked by a.

G.

Register of issues of material to be worked up.

No. in register.	Date of issue.	Nature and quantity of stuff.	Date of return.	Nature and quantity of stuff.	Date of issue.	Nature and quantity of stuff.	Date of return.	Nature and quantity of stuff.
1	2	3	4	5	6	7	8	9
17	10th April.	7 lbs. Cotton.	16th April.	6 lbs. thread.				
35								
117								
&c								

Famine Statement A for month ending———————.

(To be submitted to the Government of India within the first half of the next month).

District.	Area.	Population in thousands.	Affected area.	Estimated population in thousands in column 4.	Numbers on Relief Works on last day of month.					Numbers on gratuitous relief.	Price of one or more principal food-grains in seers per rupee.			Monthly death-rate.	Deaths due to starvation.
					Class I.	Class II.	Class III.	Class IV.	Total.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Famine Statement B for month ending————.

(To be submitted to the Government of India within the first half of next month.)

DISTRICT.	Maximum number for whom relief is estimated to be required in case of serious famine.	Numbers for whom relief was provided in gazetted programme of relief works.			Numbers for whom relief can be provided by works remaining on programme on date of report.*		Expenditure since April 1st, 18 . ♰			Advances since April 1st up to end of month under—		Revenue suspended.
		Date of Gazette.	On large works.	Others.	On large works.	Others.	Date up to which account is made up.	Rupees omitting 000s.		Land Improvement Act.	Agricultural Loans Act.	Rupees omitting 000s.
								On relief works.	On gratuitous relief.	Rupees omitting 000s.	Rupees omitting 000s.	
1	2	3	4	5	6	7	8	9	10	11	12	13

The figures in columns 4, 5, 6, and 7 should be the number of labourers who can be employed for three months on the works.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 16th April 1892.

Division	No.	District and date of return.		Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.					
Burdwan Divn.	1	Burdwan	April 16, '92	0·34	Weather—fair and warm. Strong wind blowing. Rain has fallen at Sadar and Katwa, and will do some good to cultivators. More rain wanted. Prices of common rice:— Srs. Sadar ... ... 13 to 16 per rupee. Kalna ... ... 10 to 13½ per rupee. Katwa ... ... 13¼ per rupee. Raniganj ... ... 13 per rupee.
		Kalna	...	Nil	
		Katwa	...	0·52	
		Raniganj	...	Nil	
	2	Bankura	„ 16, '92	0·55	Weather—much cooled down by the rain and storm of yesterday afternoon (15th). The rainfall of 15th, though small, will facilitate ploughing of fields for the *aus* crop. Condition of cattle fair. Water and fodder insufficient. Common rice is selling at 15 seers per rupee at Bankura and 14 seers at Vishnupur.
	3	Birbhum	„ 16, '92	0·40	A slight thunderstorm with rain yesterday (15th). Tanks are very low and fodder rather scanty. Price of rice 13 to 16 seers per rupee.
	4	Midnapore	„ 16, '92	0·90	Weather—very hot. A stormy wind sometimes blowing. On 15th a thunderstorm followed by some rain. Want of rain has damaged *boro* and other crops. Fodder scarce. Prices of common rice:— Srs. Sadar ... ... 13 per rupee. Contai ... ... 12 per rupee. Tamluk ... ... 12 per rupee. Ghatál ... ... 14 per rupee.
	5	Hooghly	„ 16, '92	0·35	Weather—hot during the day; temperature cools down at evening. Rainfall quite in sufficient for cultivation purposes. State and prospects of crops remain unchanged. Prices almost stationary. Common rice sells at— Srs. Sadar ... ... 10 to 11 per rupee. Jahánabad ... ... 13 per rupee. Serampore ... ... 11 ¾ per rupee.
		Serampore	...	Nil	
		Jahánabad	...	Nil	
	6	Howrah	„ 16, '92	0·48	Weather—warm. Strong south wind. Agricultural prospects unchanged. If the rain of Friday (15th) has been general, it should do good to the *rabi* crops and sugarcane. Fodder and water-supply sufficient. Rice 11 to 13 seers per rupee.
		Ulubaria	...	Nil	
Presidency Divn.	7	24-Parganas	„ 19, '92	0·78	Weather—hot and cloudy with strong wind. The little rain which fell during the week throughout the district has not improved the state of the ground. More rain is wanted. Want of drinking water reported from Sadar, Basirhat and Dum-Dum subdivisions. Supply of fodder sufficient. Prices stationary.
	8	Nadia	„ 16, '92	0·11	Weather—hot with occasional clouds. Ploughing and sowing operations going on, but more rain urgently wanted. Common rice sells at from 11 to 13 seers 14 chitaks per rupee. Condition of cattle good, and supply of fodder sufficient; but there is some scarcity of water.
		Kushtia	...	0·37	
		Meherpur	...	0·08	
		Ranaghat	...	0·02	
	9	Khulna	„ 16, '92	Nil	Weather—hot. Although there was a good shower, more rain is needed for cultivation of *áman* and *til*. Price of rice varies from 12 to 15 seers per rupee. Fodder sufficient, but want of drinking water felt by men and cattle.
		Bágerhat	...	Nil	
		Satkhira	...	Nil	
	10	Jessore	„ 16, '92	Nil	Weather—hot and cloudy with high winds. Rain badly wanted for sowing. Drinking water generally insufficient. Prices stationary.
		Jhenida	...	0·03	
		Magura	...	0·16	
		Bangaon	...	0·12	
	11	Murshidabad	„ 18, '92	1·28	Weather—hot and cloudy. *Rabi* crops almost harvested. Recent rain has improved prospects of *boro* paddy and *bhadoi* crop. Fodder obtainable for cattle. Coarse rice sells at 12 seers per rupee.
Chittagong Divn.	12	Chittagong	„ 16, '92	0·48	Weather—unusually dry; clouds about. More rain wanted for all crops. Prices stationary. Condition of cattle generally good. Supply of fodder sufficient.
	13	Noakhali	„ 16, '92	0·38	Weather—hot and cloudy. All *rabi* crops are off the ground except chillies and *mug*; outturn bad. *Aus* sowings have been somewhat facilitated by rain, which however has not been sufficient. Fodder and water getting scarce. No cattle-disease except in Fenny. Price of common rice ranges between 13 and 14 seers per rupee.
		Fenny	...	0·70	
	14	Tippera	„ 16, '92	1·43	Weather—hot and bright. Late rain has assisted ploughing. Prospects improved. Cattle-disease prevalent.
	15	Chittagong Hill Tracts.	„ 14, '92	0·18	Weather—very hot during midday. Chillies being gathered. Transplanting of sugarcané almost over. Fields for *aus* paddy almost ready. *Jum* burning going on. Cattle disease prevailing. Common rice being sold at 10 seers a rupee.

	No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—*concld.*				
DACCA DIVN.	16	Dacca, April 16, '92	0·04	Weather—very hot and latter part of the week cloudy. Cultivation for early rice going on. Sowing of jute and paddy commenced. Recent rain has done good to standing crops. Fodder available. Condition of cattle fairly good. Common rice selling at from 12 to 15 seers per rupee.
	17	Faridpur „ 16, '92	0·57	Weather—hot. More rain wanted. *Boro* paddy being cut. Outturn only moderate. Rice selling at 14 seers per rupee at Sadar and 13 seers at Madaripur. Cattle doing well and get fodder.
	18	Backergunge „ 16, '92	Nil	Weather—hot. State and prospects of crops very unsatisfactory. Rain much wanted. Ordinary rice sells at from 10 to 14 seers per rupee. Fodder sufficient, but good drinking water scarce.
	19	Mymensingh „ 16, '92	0·16	Weather—very hot. Prospects of *boro* crop not fair, but those of others fair Sowing of *aus* and jute progressing. Common rice 13 to 16 seers per rupee. Supply of fodder and water sufficient. Condition of cattle good.
RAJSHAHI DIVN.	20	Dinajpur „ 16, '92 Thakurgaon ...	0·26 0·10	Weather—cool with easterly wind. Cloudy at times. The rain has done good throughout the district. *Bhadoi* paddy, jute and sugarcane are being sown. Outturn of sugarcane 12 annas. Price of rice at Sadar stationary. Condition of cattle good. Supply of fodder and drinking water fair.
	21	Rajshahi „ 16, 92 Nator .. Nowgong ...	1·64 1·50 0·05	Weather—seasonable. Prospects have much improved owing to recent rain, but more rain is required. Fodder and water-supply generally sufficient. There is but little variation in price of common rice; in fact, prices may be said to remain as before.
	22	Rangpur „ 16, '92 Gaibanda ... Nilphamari ... Kurigaon ...	1·12 Nil 0·82 Nil	Weather—warm during the early part of the week; since then cloudy and cooler. The little *rabi* there is, is being harvested. *Aus* paddy and jute have been sown over a larger area than usual and are doing well everywhere. If no more rain falls now, very good crops are expected. Price of common rice about 12 seers per rupee. Fodder sufficient.
	23	Bogra „ 16, '92 Sherpur ... Naukhila ...	1·24 1·41 0·54	Weather—fine and moderately hot: overcast only during showers. There has been lately more than enough, but not too much rain. From the 25th ultimo to 9th instant inclusive, 6·20 inches have fallen, and it has come soon enough to produce excellent crops of *aus* rice, jute, &c., if the weather of the next few months be favourable. The unusual facilities for ploughing are also likely to have a very good effect on the *áman* rice. In the north-west and in the east of the district *aus* rice and jute have already grown well; elsewhere little *bhadoi* is grown, but ploughing has made great progress. Sugarcane doing well. Prospects for the future are now good. Common rice selling on the average at 13 seers a rupee.
	24	Pabna „ 16, 92	2·12	Weather—cloudy and stormy. Hot during the day. Recent rain has done some good to sowing and ploughing operations, but more is wanted. Common rice sells between 12 and 13 seers per rupee. Fodder and water-supply sufficient everywhere except in Dulai.
	25	Darjeeling „ 16, 92	2·01	Weather—fair with occasional rain. *Bhutta* coming up well. Potatoes progressing favourably. Wheat and barley being harvested. Ploughing continues, helped on by the week's rain, in the Terai. Fodder benefited by rain. Water pretty fair. No cattle-disease.
	26	Jalpaiguri „ 16, '92	0·53	Weather—days hot, nights rather cool. Recent rain has improved prospects. Sowing of jute and *bhadoi* paddy continues. Cattle-disease still reported from thána Boda. Fodder and water-supply sufficient. Common rice sells at from 8 to 11 seers per rupee.
BIHAR.				
BHAGALPUR DIVN.	27	Monghyr „ 16, '92	0·46	Weather—seasonable. Thunderstorm at head-quarters on Friday (15th) afternoon. There has been some seed sown in low lands in the north of the district. Rain wanted. *Cheena* promises well. Condition of cattle still good and fodder sufficient. Water getting very low in tanks and wells.
	28	Bhágalpur „ 16, '92	0·45	Weather—cooler with east wind. The rain has done good to the few crops on the ground, but a heavier fall is wanted to facilitate preparation of heavy lands. Indigo sowings scanty and backward. *Mahua* has improved and is being gathered. Fodder sufficient; water low. Common rice 11 seers 6 chitaks per rupee.
	29	Purnea „ 16, '92 Kishanganj ... Araria ...	0·87 1·46 Not received.	Weather—hot with occasional thunderstorms. Good rain at head-quarters and Kishanganj. *Bhadoi* sowings continue. Fodder and water sufficient. Prices of common rice :— Sadar ... ... 11 to 12 Srs. per rupee. Kishanganj ... ... 11 Srs. per rupee.
	30	Malda „ 16, '92 Chanchal ... Shibganj ... Gajol ...	2·33 0·37 0·47 1·42	Weather—warm and cool alternately on account of the rainfall on the 11th and 15th instant which was general. Rain has done immense good to the standing crops, viz., *boro* rice, mulberry and indigo. Lands are being prepared for *bhadoi* paddy, and in some places sowing has already begun. Prices stationary. Supply of fodder enough. Cattle suffering from leg sore in Old Mulda thána.
	31	Sonthal Parganas „ 16, 92	0·33	Strong easterly winds. Duststorm on Friday (15th) evening followed by thunder and rain. Mango and *marwa* poor. Sugarcane very fair. Cultivation of *bhadoi* paddy in progress at Rajmahal. Fodder and water supplies becoming scarce. Rice selling at from 11 to 14 seers per rupee

No.	District and date of return		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BIHAR—concld.				
Patna Division.				
32	Patna	April 16, '92	Nil	Weather—hot. East wind prevailing. Threshing and winnowing of *rabi* and weighment of opium in progress. Fields being prepared for *cheena* and *bhadoi* crops. Common rice selling at 13½ seers per rupee.
33	Gaya	" 16, '92	Nil	Weather—hot with east wind in the latter part of the week. Harvesting of *rabi* over. Sugarcane being transplanted and irrigated. No material change in prices of food-grains. Supply of fodder and water sufficient except in some villages of Aurangabad subdivision.
	Jahánabad	...	Nil	
	Nawáda	...	Nil	
	Aurangabad	...	Nil	
34	Shahabad	" 16, '92	Nil	Weather—cool with high easterly winds. Millet coming into ear. Sugarcane thriving; Indian corn looks promising. Price of wheat and pulses has declined. Considerable damage done to mangoes by the prevailing high wind.
35	Darbhanga	" 16, '92	0·27	Weather—east wind prevailing. There was a shower of rain on Friday (15th) which cooled the air. The heavy shower which fell yesterday (15th), and which it is hoped gave more rain towards the north than in Darbhanga, will benefit the mango crop and also *mung*, *dhan* sowings and sugarcane. It will be of immense benefit to indigo, which was badly in want of it. Much more rain is wanted. Prices slowly rising, but price of rice at the Sadar is nearly the same as last reported, *i.e.*, 12 seers 1 chitak. Fodder and water for cattle scarce almost everywhere.
36	Muzaffarpur	" 16, '92	Nil	Weather—variable: alternately hot and cool with shifting winds. Rain holds off despite variable weather. Much needed for field preparations and for indigo crop now well above ground. Linseed outturn 4 annas. Condition of cattle good, but water in places becoming scarce. Prices fairly steady.
	Hajipur	...	Nil	
	Sitamarhi	...	Nil	
37	Saran	" 16, '92	Nil	Weather—hot and seasonable. East winds generally. *Rabi* harvest over. Crops generally stated to have weighed out better than was anticipated. *Cheena* doing well. Rain wanted for indigo. Prices of common rice:— Srs. Ch. Chapra ... ... 11 12 } per rupee. Siwán ... ... 12 8 } per rupee. Gopalganj ... ... 13 0 } per rupee.
38	Champaran	" 16, '92	Nil	Weather—hot. *Rabi* harvest nearly over. Paddy seedlings growing where sown. *Cheena* and paddy still being sown. Prices slightly rising on account of exportation. Fodder and water sufficient.
ORISSA.				
Orissa Divn.				
39	Cuttack	" 16, '92	Nil	Weather—dry and hot. Rain very badly wanted. Fodder-supply getting scarce in parts. Price of common rice stationary.
40	Puri	" 16, '92	Nil	Weather—seasonable. Rain wanted. *Dalua* rice harvested. Miscellaneous crops doing well. Rice sells at from 10 to 15 seers a rupee.
41	Balasore	" 16, '92	Nil	Weather—hot and dry. Rain is most urgently needed all over the district both for cultivation and for supply of drinking water. Rice sells at 14 seers per rupee.
CHOTÁ NAGPUR.				
Chota Nagpur Divn. *South-West Frontier Agency.*				
42	Hazáribágh	April 9, '92	Nil	Weather—very hot. Harvesting of *mahua* almost finished; yield good. Mango prospects fair in most places. Common rice selling at from 12 to 14 seers per rupee. Fodder and water still sufficient in most places.
	Giridi	...	Nil	
43	Lohardaga	" 16, '92	0·15	Weather—hot. No crop on the ground. Common rice selling at 13 seers per rupee. Fodder and water sufficient.
44	Palámau	" 15, '92	Nil	Weather—hot. Harvesting of *rabi* finished; outturn estimated at 4 annas. Sugarcane doing well but wants rain. Sone damage has been done to the *mahua* crop by the west wind; outturn estimated at 12 annas. Price of common rice stationary. Supply of fodder and water gradually diminishing.
45	Singhbhum	" 16, '92	0·27	Weather—cool since the past three days; cloudy and more rain in store evidently. The rain last night (15th) has enabled the cultivators to commence ploughing the land. It will also replenish the fodder and water-supply. *Mahua* and mango crops doing well. Price of rice stationary.
46	Manbhum	" 16, '92	0·13	A heavy storm yesterday (15th). General prospects remain unchanged. Prices steady.
	Gobindpur	...	Nil	

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 19*th April*, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the

QUANTITIES PER RUPEE IN

Division	Number	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Jowar or Cholum. (*Sorghum Vulgare.*) Present return.	Jowar or Cholum. Next preceding return.	Jowar or Cholum. Corresponding return of last year.
BENGAL.																	
			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Burdwan Division.	1	Burdwan	11 8	11 8	10 11	19 0	19 0	26 4	11 10	11 10	14 4	13 8	13 8	16 14	...	...	...
	2	Bankura	12 4	11 4	14 8	17 0	17 0	23 8	12 4	12 12	17 8	15 0	15 8	19 8	..	...	...
	3	Birbhum ...	10 8	10 8	16 8	...	...	...	11 0	11 0	15 0	13 0	13 0	18 0	...	...	...
	4	Midnapore ...	11 0	11 0	13 4	...	...	...	10 0	10 0	14 8	13 0	13 0	19 0	..	...	...
	5	Hooghly ...	13 0	13 0	13 0	...	...	...	8 0	8 0	8 0	12 0	12 0	14 0	.	...	...
	6	Howrah ...	...	...	...	...	...	...	10 0	10 0	11 4	12 8	12 8	15 4	.	...	–
Presidency Division.		Calcutta	11 3	11 5	12 2	15 3	15 5	19 9	8 0	8 3	9 3	11 5	11 6	13 13	16 0	15 9	18 15
	7	24-Parganas ...	11 8	11 4	12 8	16 0	16 0	20 0	8 0	8 0	8 0	13 0	13 0	16 8	...	...	...
	8	Nadia	12 1	12 3	14 14	17 12½	17 12½	22 14	10 10½	10 10½	12 5	12 3	12 1	14 4	...	.	...
	9	Khulna ...	...	...	...	...	...	...	10 10	10 8	13 0	12 12	12 0	16 0	..	...	...
	10	Jessore	10 8	10 8	12 0	...	...	...	10 0	10 8	14 0	12 8	13 0	16 0	...	...	...
	11	Murshidabad ...	12 0	12 0	15 10	...		...	9 0	9 0	10 0	12 8	12 0	15 0	...	...	...
Chittagong Division.	12	Chittagong ...	9 4	9 4	12 0	...	...	...	8 8	9 0	12 0	10 14	11 15	16 11	...	...	...
	13	Noakhali ...	...	...	...	...	...	...	12 0	12 0	16 0	13 0	13 0	17 0	...	...	...
	14	Tippera ...	14 0	10 0	10 0	...	...	...	8 0	10 0	10 10	13 14	14 0	16 13		..	...
	15	Chittagong Hill Tracts.	...	...	...	...	..	...	8 2	8 3½	11 6¼	...	10 0	16 0	...	...	...
Dacca Division.	16	Dacca ...	11 0	11 0	12 0	...	...	20 0	10 0	11 0	15 0	13 8	14 8	17 0	...	...	...
	17	Faridpur ..	20 0	20 0	20 0	40 0	20 0	30 0	11 0	10 0	8 0	14 0	14 0	14 0	...	...	...
	18	Backergunge ...	...	...	...	...	...	...	9 12	10 8	14 6	11 4	12 0	17 12	...	...	...
	19	Mymensingh	10 0	10 0	9 0	...	..	...	10 8	11 0	12 0	14 0	14 8	15 0	...	...	...
Rajshahi Division.	20	Dinajpur ...	10 13	12 0	12 0	18 0	18 0	15 0	9 8	9 8	15 0	12 0	12 0	18 0	...	...	...
	21	Rajshahi ...	12 12	12 12	15 12	19 8	22 8	26 4	10 8	10 8	15 0	11 10	11 10	15 12	...	...	...
	22	Rangpur	9 1	9 1	10 10	...	...	...	9 1	9 1	9 6	11 5	10 10	12 4	...	...	...

A In subdivisions retail prices of salt per rupee are :—Kalna 10 seers, Katwa 12 seers, and Raniganj 10 seers.
B At Vishnupur retail price of salt, 10 seers per rupee.
C At Rampur Hát retail price of salt, 10½ seers per rupee.
D In subdivisions retail prices of salt per rupee are :—Contai 10 seers, Tamluk 10½ seers, and Ghatál 11 seers.
E In subdivisions retail prices of salt per rupee are :—Serampore (at Bhadressur) 12½ seers and Jahánabad 10 seers 10½ chitaks.
F At Ulubaria retail price of salt, 10½ seers per rupee.
G In subdivisions retail prices of salt per rupee are :—Baraset 10 seers 10 chitaks, Basirhat (at Baduria) 10½ seers, Diamond Harbour (at Magrahat) 10 seers 10 chitaks, Barrackpore 9 seers 2 chitaks, and Dum-Dum 10 seers.
H In subdivisions retail prices of salt per rupee are :—Kushtia 10½ seers, Meherpur 10 seers, and Ranaghat 10½ seers.
I In subdivisions retail prices of salt per rupee are :—Satkhira 10½ seers and Bágerhat 8 seers.
J In subdivisions retail prices of salt per rupee are :—Jhenidah 10 seers, Magura 10 seers, Narail 9 seers 10 chitaks, and Bangaon 10½ seers.

SEERS OF 80 TOLAHS.

Bajra or Cumbu. *Pennisetum typhoideum.* Present return.	Next preceding return.	Corresponding return of last year.	Marua or Ragi. (*Eleusine Coracana.*) Present return.	Next preceding return.	Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	...	...	...
...	...	...	...	...	..
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
13 8	14 8	10 9	...	...	...
...	...	...	...	...	...
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...	...	..	..	...	...
...	...	...	...	..	...
...	...	...	...	...	...
...	...	...	...	...	...

... Districts of Bengal on the 15th April, 1892.

Firewood. Next preceding return.	Firewood. Corresponding return of last year.	Salt. Present return.	Salt. Next preceding return.	Salt. Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Salt. Next preceding return.	Salt. Corresponding return of last year.	Districts.	Number.	Division
								BENGAL.		
. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
.00 0	100 0	A 11 7	11 7	10 11	3 6 0	3 6 0	3 8 3	Burdwan.	1	Burdwan Division.
220 0	280 0	B 11 4	11 0	10 4	3 9 6	3 10 0	3 14 0	Bankura.	2	
200 0	160 0	C 10 8	10 8	10 0	3 10 0	3 10 0	3 10 0	Birbhum.	3	
120 0	120 0	D 10 8	10 8	10 10	3 8 0	3 9 0	3 12 0	Midnapore.	4	
120 0	120 0	E 10 0	10 0	10 0	3 12 0	3 12 0	3 9 0	Hooghly.	5	
100 0	100 0	F 10 8	10 8	10 8	3 6 0	3 6 0	3 8 0	Howrah.	6	
92 8	93 5	11 8	11 0	10 12	3 4 11	3 6 0	3 7 1	Calcutta.		Presidency Division.
100 0	100 0	G 11 0	11 0	10 12	3 5 0	3 5 0	3 6 6	24-Parganas.	7	
...	...	H 10 10	10 10½	9 13	3 8 0	3 8 0	3 11 0	Nadia.	8	
160 0	160 0	I 9 0	9 0	9 0	4 0 0	3 12 0	4 0 0	Khulna.	9	
160 0	160 0	J 9 2	9 2	9 2	3 10 0	3 10 0	3 14 0	Jessore.	10	
200 0	200 0	K 10 8	10 8	11 4	3 12 0	3 12 0	3 8 0	Murshidabad.	11	
110 0	110 0	10 0	10 8	10 0	3 12 0	3 8 0	3 12 0	Chittagong.	12	Chittagong Division.
..	...	L 9 0	9 0	9 0	4 0 0	4 0 0	4 0 0	Noakhali.	13	
...	..	M 9 0	10 0	10 0	4 0 0	3 12 0	4 0 0	Tippera.	14	
240 0	320 0	8 0	8 0	8 0	4 8 0	4 8 0	4 8 0	Chittagong Hill Tracts.	15	
120 0	130 0	N 10 0	10 0	9 12	3 8 0	3 8 0	4 0 0	Dacca.	16	Dacca Division.
...	120 0	O 10 8	10 12	10 0	3 12 0	3 12 0	4 0 0	Faridpur.	17	
80 0	120 0	P 10 0	10 0	10 5	3 9 0	3 10 0	3 14 0	Backergunge.	18	
...	.	Q 10 8	10 12	10 0	3 11 6	3 10 6	4 0 0	Mymensingh.	19	
160 0	160 0	R 10 4	10 4	10 0	3-14 0	3 14 0	4 0 0	Dinajpur.	20	Rajshahi Division.
240 0	240 0	S 9 9	9 9	9 9	3 10 8	3 10 8	3 13 4	Rajshahi.	21	
100 0	100 0	T 10 0	10 0	9 6	4 0 0	4 0 0	4 4 0	Rangpur.	22	

rupee are :—Jangipur 10 seers and Kandi 10½ seers.
rs 5 chitaks per rupee.
rupee are :—Brahmanbaria 11 seers and Chandpur 9 seers.
rupee are :—Manickganj 9 seers, Munshiganj 10 seers, and Narainganj 10½ seers.
rupee are :—Goalundo 10 seers and Madaripur 11 seers.
rupee are :—Pirojpur 9 seers, Patuakhali 9 seers, and Bhola 8 seers.
r rupee are :—Kishoreganj 8 seers, Jamálpur 10 seers, Sherepur 8 seers, and Netrokona

ers per rupee.
rupee are :—Nator 9 seers and Nowgong 9 seers 9 chitaks.
T In [illegible] retail prices of salt per rupee are :—Kurigaon 8 seers and Gaibanda 10 seers.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the Head-quarters

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLUM. (*Sorghum Vulgare.*)		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
BENGAL—*continued.*																
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
RAJSHAHI DIVISION—*concld.*																
23	Bogra ...	10 8	8 7	15 0	...	...	...	9 12	9 12	12 0	12 12	13 2	17 4	...	...	...
24	Pabna	13 12	13 8	18 12	...	...	...	7 2	7 8	7 6	13 8	13 8	15 0	.	..	...
25	Darjeeling	8 0	8 0	12 0	8 0	8 0	8 0	5 0	5 0	5 0	10 0	10 0	13 0	...	...	...
26	Jalpaiguri	10 0	10 0	11 0	15 0	15 0	16 0	7 0	7 0	8 0	11 5	11 8	16 0	...	..	...
BIHAR.																
BHAGALPUR DIVISION.																
27	Monghyr ...	13 12	13 14	15 11	21 0	18 14	23 8	9 0	8 14	10 7	10 4	10 8	18 9	16 0	15 12	...
28	Bhágalpur ...	13 4	13 4	15 12	17 10	18 15	25 4	10 1	10 1 Old. 8 13	13 4	11 0	11 6 Old. 10 1	15 12	...	.	...
29	Purnea ...	13 0	11 0	14 0	16 0	18 0	18 0	9 0	10 0	16 0	11 8	11 0	18 0	..	..	...
30	Malda ...	13 4	13 8	18 0	...	...	...	10 0	10 0	12 0	11 0	11 0	16 8	...	...	...
31	Sonthal Parganas.	11 0	11 0	12 0	...	...	...	10 0	10 0	13 0	12 0	12 8	16 0	...	..	...
PATNA DIVISION.																
32	Patna ...	15 0 13 8	Red. 15 0 White. 13 8	15 2 14 1	22 0	22 0	21 8	10 8	10 8	11 0	13 8	14 0	14 12	21 0	22 0	13 0
33	Gaya ...	13 0	13 0	14 0	19 0	19 0	22 0	9 12	10 4	9 12	11 12	12 0	15 0	...	...	...
34	Shahabad ...	13 8	12 8	11 0	20 0	22 0	20 0	8 0	8 0	9 0	12 0	12 0	15 0	...	...	...
35	Darbhanga ...	13 3	13 3	14 0	17 9	19 12	21 0	9 14	9 14	11 0	12 8	12 1	14 0	...	...	
36	Muzaffarpur	11 0	12 0	16 0	19 0	22 0	22 8	10 0	11 0	14 0	11 0	12 0	16 0	...	...	...
37	Saran ...	13 0	13 0	14 2	20 0	20 0	21 0	9 0	8 8	8 8	11 12	11 8	14 12	...	...	...
38	Champaran ...	Old. 11 0 New. 12 0	10 8 12 0	14 0	20 0	Old. 20 0 New. 21 0	24 0	8 8	9 0	9 0	12 8	13 0	14 8	...	...	...
ORISSA.																
ORISSA DIVISION.																
39	Cuttack ...	11 13	10 8	13 2	...	...	...	9 3	9 3	10 8	13 2	14 0	18 6	...	...	...
40	Puri ...	10 8	10 8	14 7	...	...	...	11 13	11 13	14 7	13 4	13 7	21 0	...	...	...
41	Balasore ...	11 0	11 0	15 0	10 0	10 0	13 0	11 0	11 0	13 0	14 0	14 0	21 0	...	...	...
CHOTA NAGPUR.																
CHOTA NAGPUR DIVISION.																
42	Hazáribágh ..	12 0	12 0	14 0	15 0	13 0	18 0	8 0	8 0	10 0	13 8	14 0	15 0	...	...	...
43	Lohardaga ..	12 0 7 8	Red. 11 0 White. 7 8	13 0 7 8	13 0	12 0	New. 24 0	12 0	12 0	14 0	Ordinary. 13 0 Coarse. 15 0	14 0 15 0	15 0 17 12	...	...	...
44	Palámau ...	13 8	14 10	15 3	20 4	20 4	20 4	11 14	12 6	12 6	12 15	14 1	14 10	...	...	...
45	Singhbhum ...	15 0	15 0	16 0	10 0	10 0	20 0	14 0	14 0	16 0	16 0	16 0	17 0	...	...	...
46	Manbhum	11 8	11 0	11 8	17 0	21 0	24 0	12 0	12 8	14 0	17 0	17 8	20 0	...	...	...

U At Sirajganj retail price of salt, 11 seers per rupee.
V At Kurseong and Siliguri, retail price of salt 8 seers per rupee.
W At Falakata in Alipur subdivision retail price of salt, 8½ seers per rupee.
X In subdivisions retail prices of salt per rupee are :—Begusarai 9½ seers and Jamui 10 seers.
Y In subdivisions retail prices of salt per rupee are :—Madhipura 10 seers and Supaul 10 seers.
Z In subdivisions retail prices of salt per rupee are :—Kishanganj 8 seers and Araria 10 seers.
a In subdivisions retail prices of salt per rupee are :—Deoghur 10 seers 10 chitaks, Godda 9 seers, Jamtara 10 seers, Pakur 10½ seers, and Rajmahal 11 seers.
b In subdivisions retail prices of salt per rupee are :—Bihár 10 seers and Dinapore 10 seers.

CALCUTTA,

[...S]EERS OF 80 TOLAHS.

Bajra or Cumbu. *Pennisetum typhoideum.* Present return.	Next preceding return.	Corresponding return of last year.	Marua or Ragi. (*Eleusine Coroeana.*) Present return.	Next preceding return.	Corresponding return of last year.
. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch	S. Ch.
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	11 12	10 0	13 0
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	21 0
...	...	...	...	...	...
...	...	...	...	...	...
5 0	15 0	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	*18 11	18 11	27 0
...	...	...	...	...	22 0
...	...	...	20 0	20 0	20 0
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	25 0	25 0	25 0
...	...	...	32 0	30 0	30 0
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...

[...] of Bengal on the 15th April, 1892—(concluded).

Firewood. Present return.	Firewood. Next preceding return.	Firewood. Corresponding return of last year.	Salt. Present return.	Salt. Next preceding return.	Salt. Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Wholesale Salt. Next preceding return.	Wholesale Salt. Corresponding return of last year.	Districts.	Number.	Division
Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
									BENGAL—continued.		
0	90 0	90 0	9 12	9 12	9 0	3 13 4	3 13 4	4 0 0	Bogra.	23	Rajshahi Division—concld.
0	200 0	200 0	9 12 [U]	9 12	8 15	3 11 0	3 12 0	3 14 0	Pabna.	24	Rajshahi Division—concld.
0	120 0	120 0	8 0 [V]	8 0	8 0	5 0 0	5 0 0	5 0 0	Darjeeling.	25	Rajshahi Division—concld.
0	200 0	200 0	10 0 [W]	10 0	10 0	4 0 0	4 0 0	4 0 0	Jalpaiguri	26	Rajshahi Division—concld.
									BIHAR.		
0	168 0	168 0	10 8 [X]	10 12	10 7	3 8 0	3 8 0	3 10 6	Monghyr.	27	Bhágalpur Division.
0	164 0	164 0	10 11 [Y]	10 11	10 1	3 12 0	3 12 0	3 12 0	Bhágalpur.	28	Bhágalpur Division.
0	...	115 0	9 0 [Z]	10 0	9 0	4 7 4	4 0 0	4 3 4	Purnea.	29	Bhágalpur Division.
0	120 0	120 0	10 0	10 0	9 8	3 10 0	3 10 0	4 4 0	Malda.	30	Bhágalpur Division.
0	200 0	200 0	10 0 [a]	9 0	9 0	3 10 3	4 0 0	4 0 0	Sonthal Parganas.	31	Bhágalpur Division.
0	120 0	120 0	11 8 [b]	11 8	11 0	3 8 0	3 8 0	3 9 9	Patna.	32	Patna Division.
0	160 0	120 0	10 0	10 0	10 0	3 14 0	3 14 0	3 14 0	Gaya.	33	Patna Division.
0	160 0	160 0	10 0 [c]	10 8	10 8	...	...	3 11 3	Shahabad.	34	Patna Division.
0	160 0	160 0	11 0 [d]	11 0	11 0	3 6 0	3 6 0	3 8 0	Darbhanga.	35	Patna Division.
0	160 0	160 0	11 0 [e]	11 0	11 0	3 10 0	3 10 0	3 10 0	Muzaffarpur.	36	Patna Division.
0	160 0	160 0	10 4 [f]	10 8	10 4	3 13 0	3 12 0	3 14 0	Saran.	37	Patna Division.
0	160 0	160 0	10 12	10 12	9 8	3 12 0	3 11 6	4 0 0	Champaran.	38	Patna Division.
									ORISSA.		
0	80 0	80 0	11 0 [g]	11 0	11 0	3 12 0	3 12 0	3 12 0	Cuttack.	39	Orissa Division.
0	80 0	80 0	12 0 [g1]	12 0	9 13	3 6 0	3 4 0	3 12 0	Puri.	40	Orissa Division.
0	140 0	160 0	10 8 [h]	10 8	10 0	3 14 0	3 14 0	3 14 0	Balasore.	41	Orissa Division.
									CHOTA NAGPUR.		
0	240 0	240 0	9 0 [i]	9 0	9 0	4 0 0	4 0 0	4 2 0	Hazáribágh.	42	Chota Nagpur Division.
0	150 0	150 0	9 8	9 8	9 8	4 2 0	4 0 0	4 3 0	Lohardaga.	43	Chota Nagpur Division.
	...	...	9 0	9 0	9 0	No wholesale.			Palámau.	44	Chota Nagpur Division.
0	160 0	200 0	9 0	9 0	9 0	4 3 0	4 3 0	4 6 0	Singhbhum.	45	Chota Nagpur Division.
0	200 0	200 0	10 10 [j]	10 10	10 0	3 12 0	3 12 0	3 14 0	Manbhum.	46	Chota Nagpur Division.

[...] pee are :—Buxar 10½ seers, Sasarám 10½ seers, and Bhabhua 9½ seers.
[...] retail prices of salt per rupee are:—Madhubani 11 seers and Samastipur 10 seers.
e At Sitamarhi retail price of salt 11 seers per rupee.
f In subdivisions retail prices of salt per rupee are :—Siwán 11½ seers and Gopalganj 10 seers 6 chitaks.
g In subdivisions retail prices of salt per rupee are :—Jajpur 8 seers, Kendrapara 9½ seers, and Banki 12 seers.
g1 At Khurda retail price of salt, 11 seers per rupee.
h At Bhadrak retail price of salt, 9 seers per rupee.
i At Giridih (Whitty Bazar) retail price of salt, 10 seers per rupee.
At Gobindpur retail price of salt, 10½ seers per rupee.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (*wholesale*) *of Food-grains, Firewood, and Salt*

Number.	MARTS.	Wheat.			Barley.			Rice, best sort.			Rice, common.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 4 8	3 4 4	3 0 8	2 5 11	2 5 4	1 12 8	4 11 5	4 9 4	4 1 6	3 4 0	3 4 1	2 9 10
2	Sirajganj ...	3 2 0	3 0 0	3 0 0	...	...	...	5 2 0	5 4 0	4 14 0	3 0 0	3 0 0	2 14 0
3	Dacca ...	3 11 0	3 10 0	3 4 0	...	...	1 14 0	4 0 0	3 10 0	2 8 0	2 15 6	2 12 0	2 4 0
4	Naraingani ...	...	...	...	...	...	...	3 0 0	3 0 0	2 9 0	2 10 0	2 10 0	2 7 0
5	Chittagong	4 2 0	4 2 0	3 4 0	...	...	...	4 8 0	4 4 0	3 4 0	3 9 0	3 3 0	2 5 0
6	Patna ...	2 10 0 2 15 3	Red. 2 10 6 White. 2 15 3	2 10 6 2 13 3	1 13 0	1 13 0	1 14 3	3 13 0	3 13 0	3 9 9	2 15 6	2 13 8	2 11 4
7	Balasore ...	3 12 0	3 12 0	2 12 0	3 12 0	3 12 0	3 0 0	3 8 0	3 8 0	3 0 0	2 14 0	2 14 0	1 12 0
8	Puri ...	3 12 9	3 12 9	...	...	...	...	3 6 0	3 6 0	...	3 0 3	2 15 0	1 14 3
9	Cuttack ...	3 4 0	3 10 0	3 0 0	...	...	...	4 4 0	4 4 0	3 10 0	3 0 0	2 14 0	2 2 0

CALCUTTA,
The 19*th April*, 1892.

in the undermentioned Marts of Bengal on the 15th April, 1892.

GRAM, CHANA, CHHOLA, KADALAY OR SUNAGA. (*Cicer Arietinum.*)			INDIAN-CORN OR MAIZE. (*Zea Mays.*)			ARHAR OR THUR, CAJAN PEA. (*Cajanus indicus.*)			FIREWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
2 6 1	2 5 6	2 2 3	2 3 11	2 4 0	...	2 6 10	2 4 7	2 5 1	0 5 11	0 5 10	0 5 8	3 4 11	3 6 0	3 7 1	Calcutta.
2 6 0	2 6 0	2 6 0	...	...	...	...	...	...	0 7 0	0 7 0	0 6 6	3 9 0	3 8 0	3 13 0	Sirajganj.
2 10 0	2 10 0	2 6 0	...	...	...	...	...	2 11 0	0 5 0	0 5 0	0 5 0	3 8 0	3 8 0	4 0 0	Dacca.
3 4 0	3 8 0	3 10 0	...	...	...	3 8 0	3 8 0	4 6 0	0 8 0	0 8 0	0 8 0	3 8 0	3 8 0	3 10 0	Naraingani.
3 8 0	3 8 0	3 8 0	...	...	...	...	...	..	0 5 0	0 5 0	0 5 0	3 12 0	3 8 0	3 12 0	Chittagong.
1 13 0	1 13 6	1 15 3	1 13 0	1 13 0	2 1 6	1 13 0	1 14 5	2 3 6	0 5 4	0 5 4	0 5 4	3 8 0	3 8 0	3 9 9	Patna.
2 12 0	2 12 0	2 12 0	...	...	...	...	...	...	0 5 0	0 5 0	0 4 6	3 14 0	3 14 0	3 14 0	Balasore.
2 13 6	(kalai). 2 13 6	...	...	...	...	2 13 6	2 13 6	...	0 8 0	0 8 0	...	3 6 0	3 4 0	3 12 0	Puri.
2 6 0	(kalai). 2 5 0	2 2 0	...	...	...	2 6 0	2 2 0	2 2 0	0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 12 0	Cuttack.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	Station Observations. — Air pressure. — Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Wind. — Prevailing direction.	Mean wind velocity.	Temperature. — Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Puri	Puri	29·825	29·774	—	SW	453	88·7	13th Apl.	78·6	13th Apl.	88·1	79·2	83·7	—	82·2
		Gopalpore	29·804	29·765	+·018	SSW	586	88·7	11th ,,	77·8	13th ,,	87·8	78·4	83·1	+1·9	81·6
		False Point	29·828	29·791	+·012	SSW	411	89·5	10 & 16 ,,	77·1	15th ,,	88·9	78·9	83·8	—0·4	83·4
	Cuttack	Cuttack	29·741	29·763	—·001	SW	157	102·4	10th ,,	78·4	13th ,,	99·9	79·6	89·8	—0·6	85·0
	Balasore	Balasore	29·752	29·755	—·012	SSW	311	99·5	12th ,,	75·7	13th ,,	96·6	77·4	87·0	+1·0	88·6
South-West Bengal.	South-West Midnapore, South 24-Parganas	Saugor Island	29·803	29·772	+·003	S	504	91·2	15th ,,	78·0	12th ,,	90·7	80·7	85·7	+0·5	84·1
	Midnapore	Midnapore	29·661	29·756	—·002	S	336	106·4	12th ,,	70·2	16th ,,	101·9	76·7	89·3	+0·3	83·6
	24-Parganas, Howrah, Hooghly	Calcutta	29·798	29·766	+·008	S	189	95·6	10, 11, 14 ,,	71·2	16th ,,	94·8	75·8	85·3	—0·6	82·7
	Burdwan	Burdwan	29·714	29·759	+·006	S	186	105·2	11th ,,	74·6	12th ,,	102·5	77·9	90·2	+1·8	82·5
	Bankura	Bankura	29·470	29·716	—·012	SEly	169	107·6	10th ,,	71·6	16th ,,	104·6	77·2	90·9	—	82·8
	Birbhum, West Burdwan	Raniganj	29·466	29·759	—·004	SEly	102	107·0	10 & 11 ,,	70·1	16th ,,	104·4	77·0	90·7	+2·7	82·7
	Murshidabad	Berhampore	29·712	29·758	—·005	S	150	105·2	11th ,,	69·2	16th ,,	100·1	75·4	87·8	—0·1	79·5
	Nadia	Krishnagar	29·763	29·759	+·018	Sly	208	101·8	11th ,,	70·0	16th ,,	99·6	75·3	87·5	+1·6	81·8
	Jessore, Khulna	Jessore	29·790	29·770	+·004	Ely	137	99·2	13th ,,	70·0	16th ,,	97·8	74·4	86·1	—1·4	82·4
East Bengal.	Chittagong	Chittagong	29·789	29·823	—·005	SEly	105*	92·7	13 & 14 ,,	73·1	14th ,,	91·8	74·3	83·1	+1·3	82·4
	Chittagong Hill Tracts	Demagiri						Observations not received.								
	Backergunge	Barisal	29·830	29·787	+·010	Variable	102	90·3	13th Apl.	71·9	14th Apl.	93·8	74·5	84·1	+1·1	82·6
	Noakhali	Noakhali	29·819	29·809	—·002	Sly	150	92·3	13 & 14 ,,	71·0	16th ,,	90·7	73·8	82·3	+0·3	83·0
	Faridpur	Faridpur	29·805	29·792	+·014	Sly	154	94·5	11, 15th ,,	68·9	16th ,,	93·8	73·6	83·7	—0·5	80·3
	Dacca	Dacca	29·818	29·788	+·012	S	168	98·6	15th ,,	71·2	16th ,,	96·2	76·1	86·2	+1·6	81·6
	Tippera	Comilla	29·822	29·805	+·012	S	85	97·3	13th ,,	72·8	14th ,,	95·2	74·6	84·9	+2·6	81·4
	Mymensingh	Mymensingh*	29·790	29·801	+·032	SEly	113	93·1	10th ,,	70·0	12th ,,	92·3	74·1	83·3	+2·2	79·4
North Bengal.	Bogra	Bogra	29·754	29·768	+·039	ESE	100	99·3	10th ,,	68·2	12th ,,	94·7	71·2	83·0	—1·4	78·8
	Pabna	Sirajganj						Observations incomplete.								
	Rajshahi	Rampur Boalia.	29·741	29·761	+·020	Sly	143	97·0	10th ,,	66·7	16th ,,	93·7	74·4	84·1	+0·3	79·8
	Malda	Malda	29·730	29·762	—	Variable	108	104·1	10th ,,	67·6	12th ,,	96·4	73·9	85·1	—	81·5
	Dinajpur	Dinajpur	29·695	29·767	—·002?	E	41	98·1	10th ,,	69·7	16th ,,	95·2	72·8	84·0	+1·1	78·1
	Rangpur	Rangpur	29·726	29·803	+·041	E	43	95·6	14th ,,	69·9	12th ,,	93·2	73·9	83·6	+3·3	78·8
	Jalpaiguri, Kuch Bihar	Jalpaiguri	29·550	29·789	+·025	Ely	118	94·7	14th ,,	67·6	13th ,,	92·3	70·0	81·2	+2·5	77·9
	Darjeeling Hill Tracts	Darjeeling	23·986	—	+·018	WSW	195	64·0	14th ,,	47·6	15th ,,	61·1	50·4	55·8	+1·3	56·6
North Bihar.	Purnea, North Bhágalpur	Purnea	29·713?	29·791?	+·054?	ENE	?	101·3	10 & 11 ,,	72·2	13th ,,	98·5*	76·0*	87·2*	+3·8*	81·7
	Muzaffarpur	Muzaffarpur	29·596	29·727	—	ENE	147	103·7	12th ,,	69·2	11, 16th ,,	100·0	72·3	86·1	—	80·8
	Darbhanga	Darbhanga	29·629	29·740	+·005	Ely	125	101·2	12th ,,	66·5	12th ,,	98·3	70·4	84·4	—0·2	82·6
	Champaran	Motihari	29·547	29·729	+·003	ENE	154	103·2	10, 12th ,,	64·8	12th ,,	100·1	70·0	85·0	+3·3	81·4
	Saran	Chapra	29·575	29·709	—·006	E	108	104·8	12th ,,	71·1	10th ,,	102·4	73·7	88·1	+3·8	84·0
South Bihar.	Shahabad	Dehri*	29·386	29·686	—·039	SEly	174	106·9	12 & 16 ,,	71·5	16th ,,	105·4	76·0	90·7	+4·1	88·3
		Buxar	29·514	29·706	—·025	E	161	104·9	12th ,,	72·3	16th ,,	102·8	76·4	89·6	+3·9	84·6
		Arrah	29·565	29·707	—·009	E	101*	106·2	12th ,,	71·3	10th ,,	103·8	74·8	89·3	+3·8	83·9
	Gaya	Gaya	29·363	29·687	—·057	E	169	106·6	12th ,,	74·8	16th ,,	104·5	78·3	91·4	+3·1	86·7
	Patna	Bankipore	29·582	29·716	—·020	E	148	105·1	13th ,,	71·2	16th ,,	102·6	74·9	88·8	+1·6	85·4
	South Bhágalpur, Monghyr	Bhágalpur	29·616	29·730	+·000	Variable	82	105·5	10th ,,	69·0	16th ,,	100·6	73·8	87·2	+2·2	82·4
	Sonthal Parganas	Dumka	29·290	29·735	+·007	SEly	175	106·7	10th ,,	70·3	16th ,,	102·1	76·8	89·5	+2·2	82·2
Chota Nagpur.	Hazáribágh	Hazáribágh	27·777	29·699	—·038	S	229	102·2	12th ,,	67·8	16th ,,	100·9	73·0	86·9	+2·2	83·3
	Lohardaga, Manbhum	Ranchi	27·606	29·706	—·030	Variable	225	101·0	12, 15th ,,	66·4	16th ,,	100·4	71·3	85·9	+2·0	82·1
	Singhbhum	Chaibassa	29·009	29·707	—·027	SW	50	106·8	12th ,,	72·7	16th ,,	105·5	77·1	91·3	+1·8	86·6

* Mean of 6 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last ... The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 16th of April 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	Of week. Mean for district.	Of week. Normal mean.	District observations. Rainfall. Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 1st April 1892. Mean for district.	Since 1st April 1892. Normal mean.	Since 1st April 1892. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
86	2.6	Nil	Nil	0.18	Nil	0.60	−0.60	Nil	0.60	−0.60	0.00	0.32	Puri	Puri	Orissa.
86	0.1	Nil											Gopalpore		
79	5.0	Nil											False Point		
70	4.1	Nil	Nil	0.40	0.03	0.64	−0.61	0.03	0.64	−0.61	0.00	0.40	Cuttack	Cuttack	
72	2.7	Nil	Nil	0.45	0.75	0.96	−0.21	0.75	0.96	−0.21	0.00	0.65	Balasore	Balasore	
78	4.4	0.03	0.42	0.47	0.44	0.77	−0.33	0.44	0.77	−0.31	0.67	0.66	Saugor Island	South-West Midnapore South 24-Parganas	South-West Bengal.
70	1.3	0.85	0.69	0.47	0.69	0.77	−0.08	0.69	0.77	−0.08	1.00	0.65	Midnapore	Midnapore	
77	1.3	0.60	0.43	0.36	0.91	0.79	+0.12	0.91	0.79	+0.12	0.90	0.62	Calcutta	24-Parganas Howrah Hooghly	
67	2.6	0.34	0.43	0.35	0.40	0.93	−0.44	0.49	0.93	−0.44	1.33	0.60	Burdwan	Burdwan	
71	0.3	0.55	0.67	0.26	0.67	0.61	+0.06	0.67	0.61	+0.06	1.00	0.43	Bankura	Bankura	
72	0.6	1.13	0.63	0.20	0.99	0.61	+0.38	0.99	0.61	+0.38	1.00	0.33	Raniganj	Birbhum West Burdwan	
83	5.4	1.28	1.19	0.23	1.52	0.70	+0.82	1.52	0.70	+0.82	1.67	0.38	Berhampore	Murshidabad	
74	3.1	0.11	0.16	0.53	0.70	1.42	−0.72	0.70	1.42	−0.72	0.60	0.74	Krishnagar	Nadia	
78	3.3	Nil	0.05	0.71	0.70	1.54	−0.84	0.70	1.54	−0.84	0.25	1.06	Jessore	Jessore Khulna	
70	4.0	0.39	Nil	0.64	Nil	1.21	−1.21	Nil	1.21	−1.21	0.00	0.84	Chittagong	Chittagong	East Bengal.
			0.18	0.59	0.18	1.71	−1.53	0.18	1.71	−1.53	1.00	0.95	Demagiri	Chittagong Hill Tracts	
82	4.0	Nil	Nil	0.83	0.14	1.52	−1.38	0.14	1.52	−1.38	0.00	1.13	Barisál	Backergunge	
77	1.7	0.42	0.80	0.81	1.01	2.21	−1.20	1.01	2.21	−1.20	1.50	1.06	Noakhali	Noakhali	
85	2.9	0.57	0.42	0.72	1.07	1.67	−0.60	1.07	1.67	−0.60	1.00	1.31	Faridpur	Faridpur	
79	5.1	0.06	0.17	0.94	0.55	2.12	−1.57	0.55	2.12	−1.57	0.75	1.46	Dacca	Dacca	
78	3.3	0.99	0.77	1.27	1.98	2.66	−0.68	1.98	2.66	−0.68	0.50	1.61	Comilla	Tippera	
78	3.2	0.16	0.67	1.02	1.43	1.77	−0.34	1.43	1.77	−0.34	1.00	1.57	Mymensingh	Mymensingh	
81	2.9	1.49	1.71	0.36	3.18	0.71	+2.47	3.18	0.71	+2.47	2.50	0.66	Bogra	Bogra	North Bengal.
			1.58	0.59	2.37	1.30	+1.07	2.37	1.30	+1.07	2.50	1.15	Sirajganj	Pabna	
82	3.0	1.75	1.56	0.19	2.23	0.51	+1.72	2.23	0.51	+1.72	1.67	0.40	Rampur Boalia	Rajshahi	
80	2.6	2.33	1.60	0.15	1.88	0.58	+1.30	1.88	0.58	+1.30	2.50	0.23	Malda	Malda	
80	4.4	0.50	1.48	0.24	2.17	0.39	+1.78	2.17	0.39	+1.78	1.60	0.54	Dinajpur	Dinajpur	
81	0.9	1.12	0.83	0.51	1.13	1.12	+0.01	1.13	1.12	+0.01	1.25	0.91	Rangpur	Rangpur	
79	1.9	0.52	0.59	0.85	1.65	1.58	+0.07	1.65	1.58	+0.07	1.20	1.32	Jalpaiguri	Jalpaiguri Kuch Bihar	
81	5.3	2.01	1.55	0.80	2.49	2.03	+0.46	2.49	2.03	+0.46	2.25	1.69	Darjeeling	Darjeeling Hill Tracts	
71	0.6	0.87	1.07	0.16	1.73	0.47	+1.26	1.73	0.47	+1.26	2.00	0.26	Purnea	Purnea North Bhágalpur	North Bihár.
67		Nil	Nil	0.11	Nil	0.30	−0.30	Nil	0.30	−0.30	0.00	0.16	Muzaffarpur	Muzaffarpur	
63	0	0.27	0.14	0.11	0.14	0.27	−0.13	0.14	0.27	−0.13	0.67	0.20	Darbhanga	Darbhanga	
61	0.9	Nil	Nil	0.07	Nil	0.33	−0.33	Nil	0.33	−0.33	0.00	0.14	Motihari	Champaran	
50	0	Nil	Nil	0.05	Nil	0.09	−0.09	Nil	0.09	−0.09	0.00	0.03	Chapra	Saran	
37	0	0.17											Dehri		South Bihár.
46	0	Nil	0.04	0.02	0.04	0.12	−0.08	0.04	0.12	−0.08	0.20	0.07	Buxar	Shahabad	
49	0.9	Nil											Arrah		
55	1.0	Nil	Nil	0.05	Nil	0.12	−0.12	Nil	0.12	−0.12	0.00	0.12	Gaya	Gaya	
45	0	Nil	0.06	0.07	0.06	0.13	−0.17	0.06	0.13	−0.07	0.25	0.18	Bankipore	Patna	
63	0.9	0.45	0.83	0.13	0.93	0.30	+0.63	0.93	0.30	+0.63	1.00	0.19	Bhágalpur	South Bhágalpur Monghyr	
67	0	0.33	0.37	0.17	0.58	0.42	+0.16	0.58	0.42	+0.16	0.83	0.30	Dumka	Sonthal Parganas	
48	1.4	Nil	Nil	0.05	Nil	0.15	−0.15	N	0.15	−0.15	0.00	0.09	Hazáribágh	Hazáribágh	Chota Nagpur.
58	0.6	0.15	0.05 0.20	0.05 0.18	0.05 0.20	0.26 0.45	−0.21 −0.45	0.05 0.20	0.26 0.45	−0.21 −0.25	0.33 1.00	0.15 0.44	Ranchi	Lohardaga Manbhum	
56	0	0.19	0.27	0.22	0.27	0.47	−0.20	0.27	0.47	−0.20	1.00	0.30	Chaibassa	Singbhum	

ten years. The variations are *negative* when the mean of the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean
past ten years. The means of the district are the numerical average of the rainfall return received in the district, *i.e.*, from total rainfall at the subdivisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 16th of April 1892.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 10th April.	Monday, 11th April.	Tuesday, 12th April.	Wednesday 13th April.	Thursday, 14th April.	Friday, 15th April.	Saturday, 16th April.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
ORISSA ...	Puri ...	Puri ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·22	Nil	0·22
		Khurda ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·34	Nil	0·34
		Banpur ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·34	Nil	0·34
		False Point ..	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	1·50	Nil	1·50
		Gop ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Satpara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pipli .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Cuttack .	Jagatsingpore	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·37	Nil	0·37
		Banki ...	......	......	......	......	......	......	......	Nil	Nil	0·02	0·04	0·11	0·04	0·11
		Cuttack ...	......	......	......	......	......	......	......	Nil	Nil	0·40	0·13	0·72	0·13	0·72
		Kendrapara ...	......	......	......	......	......	......	......	Nil	Nil	0·50	0·01	0·79	0·01	0·79
		Jajpur ...	......	......	......	......	......	......	......	Nil	Nil	0·82	Nil	1·21	Nil	1·21
		Dharmsala ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Salipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Balasore ..	*Akhyapada* ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Chandbali ...	......	......	......	......	......	......	......	Nil	Nil	0·27	Nil	0·73	Nil	0·73
		Bhadrak ...	......	......	......	......	......	......	......	Nil	Nil	0·80	4·50	1·32	4·50	1·32
		Sorah ...	......	......	......	......	......	......	......	Nil	Nil	0·52	Nil	1·00	Nil	1·00
		Balasore ...	......	......	......	......	......	......	......	Nil	Nil	0·75	Nil	1·46	Nil	1·46
		Jellasore ..	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·59	Nil	0·59
		Baripodah ...	......	......	......	......	......	......	......	Nil	Nil	0·34	Nil	0·65	Nil	0·65
SOUTH-WEST BENGAL.	Midnapore ..	Contai ..	......	......	......	......	......	......	0·81	1	0·81	0·47	0·81	0·76	0·81	0·76
		Saugor Island	......	......	0·03	......	......	......	......	Nil	0·03	0·45	0·03	0·65	0·03	0·65
		Tamluk ...	......	......	......	......	......	......	0·54	1	0·54	0·39	0·54	0·61	0·54	0·61
		Midnapore ...	......	......	......	......	......	......	0·90	1	0·90	0·34	0·90	0·64	0·90	0·64
		Ghatál ...	......	......	......	......	......	......	0·64	1	0·64	0·67	0·64	1·05	0·64	1·05
		Kukrahaty ...	......	......	......	......	......	......	0·48	1	0·48	?	0·48	?	0·48	?
		Garhbeta ...	......	......	......	......	......	......	0·25	1	0·25	?	0·25	?	0·25	?
	24-Parganas ...	Diamond Harbour ...	......	......	......	......	......	......	0·42	1	0·42	0·48	0·47	0·89	0·47	0·89
		Canning Town	......	......	......	......	......	......	0·15	1	0·15	?	0·28	?	0·28	?
		Alipore Jail ...	......	......	......	......	......	......	0·78	1	0·78	0·35	0·90	0·79	0·90	0·79
		Barrackpore ...	......	......	......	......	......	......	0·42	1	0·42	0·25	0·79	0·63	0·79	0·63
		Dum-Dum ...	......	......	......	......	......	......	0·50	1	0·50	0·38	0·81	0·81	0·81	0·81
		Barasat ..	......	......	......	......	......	......	0·29	1	0·29	0·34	1·18	0·73	1·18	0·73
		Basirhat ...	......	......	......	......	......	......	0·07	Nil	0·07	0·36	0·65	0·62	0·65	0·62
	Howrah ...	Howrah	......	......	......	......	......	......	0·48	1	0·48	0·44	0·63	1·03	0·63	1·03
		Moheeseka ...	......	......	......	......	......	......	0·59	1	0·59	0·31	0·68	0·62	0·63	0·62
		Ulubaria ...	......	......	......	......	......	......	0·50	1	0·50	?	0·78	?	0·78	?
	Hooghly ...	Serampore ...	......	......	......	......	......	......	0·41	1	0·41	0·27	0·58	0·70	0·58	0·70
		Hooghly ...	......	......	......	......	......	......	0·35	1	0·35	0·43	2·43	1·01	2·43	1·01
		Jahánabad ...	......	......	......	......	......	......	0·43	1	0·43	0·45	0·43	0·99	0·43	0·99
	Burdwan ...	Kalna ...	......	......	......	......	......	......	0·30	1	0·30	0·35	0·35	1·03	0·35	1·03
		Burdwan ...	......	......	......	......	......	......	0·34	1	0·34	0·43	0·34	0·95	0·34	0·95
		Katwa ...	......	......	0·52	......	......	......	0·18	2	0·70	0·26	0·77	0·81	0·77	0·81
		Raniganj ...	......	......	......	......	......	......	1·13	1	1·13	0·29	1·89	0·61	1·89	0·61
		Mankur ...	......	......	......	......	......	......	0·18	1	0·18	?	0·18	?	0·18	?
	Bankura ...	Bankura ...	......	......	......	......	......	......	0·55	1	0·55	0·83	0·55	0·78	0·55	0·78
		Bishenpore ...	......	......	......	......	......	......	0·71	1	0·71	0·51	0·71	0·91	0·71	0·91
		Mallara ..	......	......	......	......	......	......	0·72	1	0·72	0·13	0·72	0·30	0·72	0·30
		Khatra ...	......	......	......	......	......	......	0·70	1	0·70	0·07	0·70	0·43	0·70	0·43
		Indas ...	......	......	......	......	......	......	1·10	1	1·10	?	1·10	?	1·10	?
		Kotalpore ...	......	......	......	......	......	......	0·74	1	0·74	?	0·74	?	0·74	?
		Anda ...	......	......	......	......	......	......	1·21	1	1·21	?	1·21	?	1·21	?
		Gangajalghati	......	......	......	......	......	......	0·36	1	0·36	?	0·36	?	0·36	?
		Raipore ...	......	......	......	......	......	......	1·05	1	1·05	?	1·05	?	1·05	?
		Sonamukhi ...	......	......	......	......	......	......	0·59	1	0·59	?	0·59	?	0·59	?
	Birbhum ...	Bh. Suri ...	......	......	......	......	......	......	0·40	1	0·40	0·17	0·40	0·49	0·40	0·49
		Hetampore ...	......	......	......	......	......	......	0·05	Nil	0·05	0·25	0·05	0·57	0·05	0·57
		Rampur Hát ...	......	......	......	......	......	0·15	0·78	2	0·93	0·07	1·62	0·73	1·62	0·73
		Bolpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Murari ...	......	......	......	......	......	......	0·80	1	0·80	?	1·25	?	1·25	?
	Nadia ...	Ranaghat ...	......	......	0·02	......	......	......	0·18	1	0·20	0·53	0·42	1·50	0·42	1·50
		Krishnagar ...	......	......	......	......	......	......	0·11	1	0·11	0·34	1·27	1·29	1·27	1·29
		Chuadanga ...	......	......	......	......	......	......	......	Nil	Nil	0·67	Nil	1·48	Nil	1·48
		Meherpore ...	0·08	......	......	......	......	......	......	Nil	0·08	0·57	0·18	1·45	0·18	1·45
		Kushtia ..	......	......	0·37	......	......	......	0·05	1	0·42	0·53	1·63	1·33	1·63	1·38
	Khulna ...	Satkhira ..	......	......	......	......	......	......	0·01	Nil	0·01	0·48	0·01	1·16	0·01	1·16
		Bagerhat ...	......	......	......	......	......	......	......	Nil	Nil	1·05	0·30	1·94	0·30	1·94
		Khulna ...	......	......	......	......	......	......	......	Nil	Nil	1·05	1·85	1·63	1·85	1·63
		Nakipur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rampal .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Jessore ...	Narail ..	......	......	......	......	......	......	......	Nil	Nil	0·50	0·69	1·88	0·69	1·88
		Jessore ...	......	......	......	......	......	......	......	Nil	Nil	0·59	0·44	1·61	0·44	1·61
		Jhenidah ...	......	......	0·03	......	......	......	......	Nil	0·03	0·70	0·56	1·64	0·56	1·64
		Magura ...	......	......	0·16	......	......	......	......	1	0·16	0·73	0·78	1·75	0·78	1·75
		Bangaon ..	......	......	0·12	......	......	......	0·05	1	0·17	0·50	0·97	1·27	0·97	1·27
	Murshidabad	Kandi ...	......	......	......	......	......	......	0·75	1	0·75	0·29	1·07	0·94	1·07	0·94
		Berhampore ...	......	......	0·55	......	......	......	0·73	2	1·28	0·25	1·35	0·91	1·35	0·91
		Lalbagh ...	......	......	0·44	......	......	......	0·83	2	1·27	0·28	1·59	0·57	1·59	0·57
		Azimgunge ...	......	......	0·30	......	......	......	1·04	2	1·34	0·32	1·84	0·76	1·84	0·70
		Jangipur ...	......	......	......	......	......	......	1·27	1	1·27	0·10	1·57	0·55	1·57	0·55
		Lalgola ...	......	......	0·20	......	......	......	1·05	2	1·25	0·11	1·75	0·48	1·75	0·48
		Azimganj ...	......	......	0·11	......	......	......	0·25	2	0·36	?	1·51	?	1·51	?
		Patkabari ...	......	......	0·37	......	......	......	0·35	2	0·72	?	1·82	?	1·82	?
EAST BENGAL	Chittagong ..	Cox's Bazar ...	......	......	......	......	......	......	......	Nil	Nil	0·48	Nil	0·92	Nil	0·92
		Chittagong ...	......	......	......	......	......	......	......	Nil	Nil	0·80	Nil	1·51	Nil	1·51
		Kutubdia ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Satkanya ...	......	......	......	......	0·15	......	......	1	0·15	?	0·15	?	0·15	?
	Chittagong Hill Tracts.	Rangamati ...	......	......	......	......	0·18	......	......	1	0·18	0·59	0·18	1·71	0·18	1·7[illegible]
		Bundurban ...	......	......	......	......	......	......	0·06	Nil	0·06	?	0·06	?	0·06	?
	Backergunge	Patuakhali ...	......	......	......	......	......	......	......	Nil	Nil	0·61	Nil	1·05	Nil	1·05
		Pirojpur ...	......	......	......	......	......	......	......	Nil	Nil	0·94	0·07	1·41	0·07	1·41
		Barisal ...	......	......	......	......	......	......	......	Nil	Nil	0·81	0·48	1·84	0·48	1·84
		Bhola ...	......	......	......	......	......	......	......	Nil	Nil	0·94	Nil	1·78	Nil	1·78

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 16th of April 1892—contd.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 10th April.	Monday, 11th April.	Tuesday, 12th April.	Wednesday, 13th April.	Thursday, 14th April.	Friday, 15th April.	Saturday, 16th April.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
EAST BENGAL—concld.		*Gournaddi* ...	......	......	......	......	......	......	......	Nil	Nil	?	0·15	?	0·15	?
		Bauphal ...	......	......	......	......	......	......	......	Nil	Nil	?	0·16	?	0·16	?
	Noakhali ...	Noakhali ...	......	......	......	......	0·38	......	......	Nil	Nil	0·65	0·79	2·02	0·79	2·02
		Fenny ...	......	......	......	......	0·70	......	......	Nil	Nil	0·66	1·22	2·39	1·22	2·39
		Harishpore ...	......	......	......	......	......	......	......	......	......	?		?		?
		Ramganj ...	......	......	......	......	......	......	......	......	......	?	Nil	?	Nil	?
	Faridpur ...	Madaripur ...	......	......	......	......	......	......	......	Nil	Nil	0·86	0·45	1·77	0·45	1·77
		Faridpur ...	......	......	0·30	0·30						0·64	1·37	1·64	1·37	1·64
		Goalundo ...	......	......	0·65	......	......	......	0·02	1	0·67	0·66	1·38	1·59	1·38	1·59
	Dacca ...	Munshiganj ...	......	......	......	......	0·12	......	......	1	0·12	1·04	0·55	2·45	0·55	2·45
		Dacca ...	......	......	......	......	......	......	0·04	Nil	0·04	1·04	0·34	2·36	0·34	2·36
		Narainganj ...										0·98	0·15	1·97	0·15	1·97
		Manikganj ...	......	......	0·22	0·31	......	......	......	2	0·53	0·69	1·20	1·67	1·20	1·67
		Joydebpore ...										?	0·30	?	0·30	?
	Hill Tippera	Agartola ...	......	......	......	......	......	0·30	......	1	0·30	1·37	2·69	2·68	2·69	2·68
	Tippera ...	Comilla ...	......	......	......	......	......	1·43	......	1	1·43	1·13	1·47	2·76	1·47	2·76
		Chandpore ...	......	......	......	......	......	......	......	Nil	Nil	1·28	2·54	2·67	2·54	2·67
		Brahmanbaria	......	......	......	......	......	......	......	Nil	Nil	1·30	2·10	2·53	2·10	2·53
		Ramchandrapore ...	......	......	......	......	......	......	......	Nil	Nil	?	0·50	?	0·50	?
		Nasirnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Daudkandi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Kasba ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Laksham ...	......	......	......	......	......	0·50	......	1	0·50	?	0·85	?	0·85	?
	Mymensingh	Kishoregunge	......	......	1·34	......	......	......	0·09	1	1·43	0·91	1·80	2·09	1·80	2·09
		Atia (*Tangail*)	1·11	......	0·08	0·41	......	......	......	2	1·60	0·52	1·87	1·26	1·87	1·26
		Mymensingh ...	......	......	0·16	......	......	......	......	1	0·16	0·80	2·07	1·71	2·07	1·71
		Jamalpur ...	......	......	0·13	......	......	......	0·05	1	0·18	0·89	0·50	1·47	0·50	1·47
		Netrakona ...	......	......	......	......	......	......	......	Nil	Nil	1·99	0·92	2·31	0·92	2·31
		Subornakhali	1·70	......	0·16	......	......	......	0·15	3	2·01	?	3·16	?	3·16	?
		Durgapore ...	......	......	......	......	......	......	0·10	1	0·10	?	1·60	?	1·60	?
		Sherepore Town	......	......	......	......	......	......	......	Nil	Nil	?	1·29	?	1·29	?
		Dewanganj ...	......	......	......	......	......	0·52	......	1	0·52	?	0·52	?	0·52	?
NORTH BENGAL.	Pabna ...	Pabna ...	......	......	1·01	......	......	......	1·11	2	2·12	0·54	2·33	1·38	2·33	1·38
		Sirajganj ...	0·53	......	0·55	......	......	......	0·15	3	1·03	0·63	2·40	1·21	2·40	1·21
	Bogra ...	Sherepore ...	1·15	......	0·26	......	......	......	0·75	3	2·16	0·42	2·67	0·65	2·67	0·65
		Nowkhilla ...	0·46	......	0·08	......	......	......	0·20	2	0·74	0·28	3·63	0·66	3·63	0·66
		Bogra ...	0·97	......	0·27	......	......	......	0·25	3	1·49	0·33	2·54	0·91	2·54	0·91
		Panchbibi ...	......	......	0·33	......	......	0·06	2·05	2	2·44	0·42	3·82	0·65	3·82	0·65
	Rajshahi ...	Boalia ...	......	......	0·83	......	......	......	0·81	2	1·64	0·21	2·81	0·59	2·81	0·59
		Nator ...	......	......	1·50	......	......	......	0·60	2	2·10	0·38	2·80	0·82	2·80	0·82
		Naugaon ...	......	......	0·05	......	......	......	0·90	1	0·95	0·01	1·08	0·12	1·08	0·12
		Lalpore ...	......	......	0·63	......	......	......	0·98	2	1·61	?	2·01	?	2·01	?
		Manda ...	......	......	0·48	......	......	0·23	0·78	3	1·49	?	1·49	?	1·49	?
	Malda ...	Malda ...	......	......	1·34	......	......	......	0·99	2	2·33	0·20	2·63	0·55	2·63	0·55
		Chanchal ...	......	......	0·21	......	......	0·16	0·50	3	0·87	0·09	1·12	0·58	1·12	0·58
		Gajol ...	......	......	1·42	......	......	0·06	0·95	2	2·43	?	2·49	?	2·49	?
		Sibganj ...	......	......	0·47	......	......	......	0·80	2	1·27	?	2·65	?	2·65	?
	Dinajpur	Mohadebpore	......	......	1·70	......	......	......	0·68	2	2·38	0·44	2·68	0·49	2·68	0·49
		Churamon ...	......	......	1·27	......	......	0·01	1·19	2	2·47	0·12	2·59	0·18	2·59	0·18
		Raigunge ...	......	......	0·32	......	......	......	0·90	2	1·22	0·14	1·22	0·38	1·22	0·38
		Dinajpur ...	......	......	0·04	......	......	......	0·26	1	0·30	0·30	1·24	0·70	1·24	0·70
		Baloorghat ...	......	......	0·08	......	......	......	0·93	1	1·01	0·18	3·10	0·20	3·10	0·20
		Thakoorgaon	......	......	0·10	......	......	......	......	1	0·10	?	0·76	?	0·76	?
	Rangpur ...	Bhawanigunge (*Gyabandha*)	......	......	......	......	......	......	0·32	1	0·32	0·44	1·40	1·07	1·49	1·07
		Rangpur ...	......	......	......	......	......	0·16	0·96	2	1·12	0·40	1·12	0·99	1·12	0·99
		Kurigram ...	......	......	......	......	......	......	1·04	1	1·04	0·58	1·04	1·54	1·04	1·54
		Bagdogra (*Nilphamari*)	......	......	......	......	......	0·82	......	1	0·82	0·62	0·84	0·98	0·84	0·98
		Ulipore ...	......	......	......	......	......	......	0·50	1	0·50	?	0·50	?	0·50	?
	Jalpaiguri ...	Jalpaiguri ...	......	......	0·01	......	......	0·52	......	1	0·53	0·89	1·93	1·79	1·93	1·79
		Alipore Dooar	......	......	......	......	......	......	1·17	1	1·17	?	2·56	?	2·56	?
		Fallacotta ...	0·04	......	......	......	......	1·58	......	1	1·62	?	2·70	?	2·70	?
		Debiganj ...	......	......	......	......	......	2·08	......	1	2·08	?	2·08	?	2·08	?
		Bhagatpore (Nagrakatta)	......	......	0·01	......	1·72	1·73	0·06	2	3·52	?	4·32	?	4·32	?
	Kuch Bihar ...	Dinhatta ...	......	......	......	......	......	0·07	0·35	1	0·42	0·70	0·44	1·43	0·44	1·43
		Kuch Bihar ...	0·01	......	......	......	......	0·35	0·34	2	0·70	0·90	1·03	2·24	1·03	2·24
		Mekliganj ...	......	......	......	......	......	0·42	0·08	1	0·50	1·04	3·73	1·45	3·73	1·45
		Mathabhanga	0·09	......	......	......	......	0·63	0·06	1	0·78	0·70	1·08	1·08	1·08	1·08
	Darjeeling Hill.	Buxa ...	......	......	......	......	......	1·80	0·09	1	1·89	1·62	3·17	3·84	3·17	3·84
		Silliguri ...	......	......	0·48	......	......	0·55	0·06	2	1·09	0·55	1·61	0·86	1·61	0·86
		Darjeeling ...	0·01	......	0·47	0·17	......	0·52	0·55	4	1·72	0·79	3·17	2·12	3·17	2·12
		Kalimpong ...	......	......	0·03	......	......	1·15	0·32	2	1·50	0·61	2·02	1·27	2·02	1·27
		Kurseong ...	......	......	0·53	......	......	3·03	0·10	3	3·66	?	4·27	?	4·27	?
NORTH BIHÁR	Purnea ...	Kishanganj ...	......	......	0·10	......	......	0·20	......	2	0·30	0·23	2·58	0·47	2·58	0·47
		Araria ...	......	......	0·09	......	......	1·22	......	1	1·31	0·21	1·35	0·66	1·35	0·66
		Purnea ...	......	......	0·10	......	......	0·15	0·62	3	0·87	0·22	1·87	0·55	1·87	0·55
		Goondwara (Korah) ...	......	......	1·30	......	0·10	1·05	......	3	2·45	?	3·65	?	3·65	?
		Barsoe ...										?		?		?
		Forbesganj ...	......	......	......	......	......	......	0·07	Nil	0·07	?	0·07	?	0·07	?
	North Bhágalpur.	*Kaliaganj* ...	......	......	0·22	......	......	0·44	......	2	0·66	?	0·73	?	0·73	?
		Madhipura ...	......	......	......	......	......	0·57	1·25	2	1·82	0·10	1·82	0·32	1·82	0·32
		Supaul ...	......	......	......	......	......	0·57	0·47	2	1·04	0·05	1·04	0·36	1·04	0·36
		Protabganj ...	......	......	0·16	......	......	0·08	0·07	1	0·31	?	0·42	?	0·42	?
	Darbhanga ...	Tajpur ...	......	......	......	......	......	......	0·15	1	0·15	0·07	0·15	0·15	0·15	0·15
		Darbhanga ...	......	......	......	......	......	......	0·27	1	0·27	0·09	0·27	0·30	0·27	0·30
		Madhubani ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·39	Nil	0·39
		Benera ...	......	......	......	......	......	0·27	......	1	0·27	?	0·27	?	0·27	?
		Roshera ...	......	......	......	......	......	0·05	0·11	1	0·16	?	0·16	?	0·16	?
	Muzaffarpur...	Sitamarhi ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·63	Nil	0·63
		Muzaffarpur	......	......	......	......	......	......	......	Nil	Nil	0·06	Nil	0·30	Nil	0·30
		Hajipur ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·08	Nil	0·08
		Paru ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Mahua ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sinhar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pupri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 16th of April 1892—concld.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 10th April.	Monday, 11th April.	Tuesday, 12th April.	Wednesday, 13th April.	Thursday, 14th April.	Friday, 15th April.	Saturday, 16th April.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
NORTH BIHÁR—*concluded.*	Champaran ...	Motihari ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·31	Nil	0·31
		Bettiah ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·35	Nil	0·35
		Bagaha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Burhurwa ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Saran ...	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·05	Nil	0·05
		Siwán	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·09	Nil	0·09
		Chupra ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·14	Nil	0·14
SOUTH BIHÁR	Shahabad ...	Buxar ..	......	......	......	......	......	......	0·05	Nil	0·05	0·03	0·05	0·13	0·05	0·13
		Dehri	......	......	......	......	......	......	0·17	1	0·17	Nil	0·17	0·11	0·17	0·11
		Bhabhua ..	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·08	Nil	0·08
		Sasaram ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·13	Nil	0·13
		Arrah ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·14	Nil	0·14
		Mohaniah .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Ageaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rammagor ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Koath ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sikroul .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bassowan ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Monaharpur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Gaya	Aurangabad ..	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·13	Nil	0·13
		Gaya ...	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·16	Nil	0·16
		Nawádah ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·12	Nil	0·12
		Jahánabad ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·09	Nil	0·09
		Arwal	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		[illegible]audnagar .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sherghati .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rajauli	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		PakriBarawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil		Nil	?
	Patna	Patna ...	......	......	......	......	......	......	......	Nil	Nil	0·07	Nil	0·13	Nil	0·13
		Dinapore	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·10	Nil	0·10
		Behar ...	......	......	......	......	......	......	0·25	1	0·25	0·06	0·25	0·13	0·25	0·13
		Barh ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·07	Nil	0.07
		Bickram	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hilsa ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Monghyr ...	Begusarai ..	......	......	......	......	......	1·43	......	1	1·43	0·07	1·43	0·16	1·43	0·16
		Monghyr	......	......	......	......	......	......	0·46	1	0·46	0·09	0·48	0·25	0·48	0·26
		Jamui ...	......	......	......	......	......	......	0·50	1	0·50	0·18	0·50	0·31	0·51	0·31
		Gowri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil		Nil	?
		Sheikpura ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	South Bhágalpur	Bhagalpur ..	......	......	......	......	......	0·52	1·25	2	1·77	0·14	1·98	0·43	1·98	0·43
		Banka .	......	......	......	......	......	......	0·30	1	0·39	0·15	0·80	0·33	0·80	0·33
		Kolgong ...	......	......	......	......	......	......	0·79	1	0·79	?	0·86		0·86	?
		Bangaon ...	......	......	......	......	......	......	1·77	1	1·77	?	1·77	?	1·77	?
	Sonthal Pergunnas.	Rajmahal ...	......	......	......	......	......	......	0·42	1	0·42	0·31	1·07	0·67	1·07	0·67
		Godda ...	......	......	......	......	......	......	0·55	1	0·55	0·10	0·55	0·37	0·55	0·36
		Pakour	......	......	......	......	......	......	......			0·08		0·27		0·27
		Nava Dumka	......	......	......	......	......	0·02	0·31	1	0·33	0·18	0·33	0·53	0·33	0·53
		Deoghur .	......	......	......	......	......	......	0·27	1	0·27	0·21	0·27	0·49	0·27	0·49
		Jamtara ...	......	......	......	......	......	......	0·65	1	0·65	0·16	0·65	0·31	0·65	0·21
		Mohagama ..	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Nanmat ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
CHOTA NAGPUR.	Hazaribagh	Pachamba (*Giridi*). ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·34	Nil	0·34
		Hazáribágh .	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·19	Nil	0·19
		Semtagurah	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·13	Nil	0·13
		Mahudi Hills	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·09	Nil	0·09
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	Nil	Nil
		Barhi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Chatra ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Karaydeha ..	......	......	......	......	......	......	0·40	1	0·40	?	0·40	?	0·40	?
		Ramghar ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil		Nil	?
	Lohardaga ..	Lohardaga ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·19	Nil	0·19
		Ranchi ...	......	......	......	......	......	......	0·16	1	0·16	0·10	0·16	0·37	0·16	0·37
		Palámau	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·21	Nil	0·21
		Silli ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Balumat ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hosseinabad	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Garwah .	......	......	......	......	......	......	......	Nil	Nil	?	Nil		Nil	?
	Singbhum ...	Chaibassa ...	......	......	......	......	......	......	0·27	1	0·27	0·22	0·27	0·47	0·27	0·47
		Chakradharpore.	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Ghatsilla ...	......	......	......	......	......	......	0·50	1	0·50	?	0·50	?	0·50	?
		Baharagura	......	......	......	......	......	......	......	Nil	Nil	?		?		?
	Manbhum ..	Purulia ...	......	......	......	......	......	......	0·13	1	0·13	0·19	0·13	0·50	0·13	0·50
		Gobindpur ...	......	......	......	......	......	......	0·26	1	0·26	0·14	0·26	0·39	0·26	0·39
		Raghunathpore	......	......	......	......	......	......	0·48	1	0·48	?	0·48	?	0·48	?
		Barrabhum	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Jhalda ...	......	......	......	......	......	......	0·08	Nil	0·08	?	0·08	?	0·08	?
		Chas ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pandra ...	......	......	......	......	......	......	0·22	1	0·22	?	0·22	?	0·22	?

Explanation.—..... indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the* 19*th April* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 16TH OF APRIL 1892.

THE general distribution of pressure at the beginning of the week differed very slightly from the normal, the greatest defect being about one-thirtieth of an inch in North Bengal and South Bihár, while a very slight excess was marked at a few stations in Eastern Bengal and Orissa. Temperature was generally considerably above the normal, more especially in the north and west of the province and in Bihár. Humidity was high, due to the strong southerly winds which have steadily prevailed for several weeks in the north-west angle of the Bay, and which have formed so prominent a feature in the meteorology of the month.

For the first two days of the week no rain fell, except in a small area included in the Pabna and Bogra districts of North Bengal and in two of the out-stations of Mymensingh. On Monday, the 11th, a slight increase in pressure took place in North Bengal, which was followed on Tuesday by a moderate to rapid increase all over the province. Rain fell at all stations in North Bengal except the Rangpur, Jalpaiguri, and Kuch Bihár districts, in the Jessore district and at a few other stations. Temperature consequently fell in North Bengal but continued about 4° above the average in Bihár. During the next three days the barometer did not alter much at any one station, but a marked increase became apparent in the baric gradient from east to west, and winds assumed a more easterly set over the greater part of the province. This, and a rather rapid fall of the barometer on Saturday, conspired to give local storms amounting to general rain to the greater portion of South-West Bengal, the whole of North Bengal, the Purnea, North Bhágalpur and Darbhanga districts of North Bihár, the Monghyr and South Bhágalpur districts of South Bihár, the Sonthal Parganas and a considerable portion of Chota Nagpur. At the same time temperature fell generally, and at the end of the week it is below the normal at nearly all stations especially so in South and Central Bengal.

Pressure—Has not varied very largely from the normal during the week, the barometer having remained fairly steady. The relative distribution has increased the gradient slightly from east to west. The week closes with a defect of about one-tenth in Chota Nagpur, while in Assam the barometer is slightly above the normal.

Temperature—Continued very high on Sunday and Monday; on Tuesday it began to give way and was actually below the normal in a belt reaching through South Bengal and Assam, but above the normal elsewhere. This state of things continued with slight variation until Saturday, when the general rainfall had the effect of reducing the temperature below the normal at almost all stations.

The following table shows the excess or defect of the actual mean temperature from the normal for the week ending 16th April 1892:—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 16th April 1892.

	Normal mean maximum temperature for the week ending 16th April.	Actual mean maximum temperature for the week ending 16th April 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 16th April.	Actual mean minimum temperature for the week ending 16th April 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 16th April.	Actual mean daily temperature for the week ending 16th April 1892.	Variation of actual mean from the normal.
Cuttack	102·8	99·9	−2·9	78·0	79·6	+1·6	90·4	89·8	−0·6
Calcutta	96·3	94·8	−1·5	75·6	75·8	+0·2	86·0	85·3	−0·7
Dacca	93·9	96·2	+2·3	75·3	76·1	+0·8	84·6	86·2	+1·6
Burdwan	101·6	102·5	+0·9	75·3	77·9	+2·6	88·5	90·2	+1·7
Patna	101·3	102·6	+1·3	73·2	74·9	+1·7	87·3	88·8	+1·5
Gaya	103·1	104·5	+1·4	73·6	78·3	+4·7	88·4	91·4	+3·0
Purnea	98·4	98·5	+0·1	68·8	76·0	+7·2	83·6	87·2	+3·6
Hazáribágh	97·5	100·9	+3·4	72·0	73·0	+1·0	84·8	86·9	+2·1
Darjeeling	61·7	61·1	−0·6	47·4	50·4	+3·0	54·6	55·8	+1·2

Rainfall—Has been general, owing to local storms in all divisions except Orissa, the amounts being small in all cases. The average for North Bengal is 1·26", for South-West Bengal half an inch, North and South Bihár and East Bengal one-third of an inch. In all these cases the fall exceeds the normal for the week.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 16th of April 1892:—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 1st April 1892.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	102·4	75·7	92·3	78·7	85·5	+0·5	Nil	0·36	—0 36	0·00	0·50	—0·50	0·30	0·75	0 30	0·75
South-West Bengal ...	107·6	69 2	99 6	76·7	88·2	+0·6	0·50	0·41	+0·09	0·89	0·64	+0 25	0·82	0 95	0·82	0·95
East Bengal	98·6	68·9	93 4	74·4	83·9	+1·3	0·35	0·92	—0·57	0·68	1·33	—0·65	0·88	1·90	0·88	1·90
North Bengal	104·1	66 7	94·3	72·7	83·5	+1·0	1·26	0·44	+0·82	1 76	0·78	+0·98	2·06	0 91	2·06	0 91
North Bihar	104 8	64·8	99·9	72 5	86·2	+2·7	0·36	0·11	+0·25	0·75	0·18	+0·57	0·57	0·32	0·57	
South Bihar	106·9	69·0	103·1	75·9	89·5	+3·1	0·30	0·09	+0·21	0·54	0·17	+0·37	0·37	0·23	0·37	0·23
Chota Nagpur	102 2*	66 4*	100·7*	72·2*	86·4*	+2·1*	0·10	0·09	+0·01	0·45	0 21	+0·24	0·10	0·26	0·10	0·26

* Chaibassa not included.

Meteorological Office, Bengal,
The 19th April 1892.

J. H. Gilliland,
For Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 10th to 16th April 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature.						Hygrometry.			Rainfall past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
April ...	10th ...	29·772	87·4	97·3	19·8	77·5	91·2	82·2	·980	78·6	67	Nil.
" ...	11th ...	·782	86·5	96·0	19·0	77·0	91·6	82·5	·990	78·9	67	"
" ...	12th ...	·811	86·5	97·0	21·0	76·0	91·4	79·5	·847	74·2	57	"
" ...	13th ...	·808	86·7	97·0	20·7	76·3	90·6	79·5	·860	74·7	60	"
" ...	14th ...	·838	86·9	97·0	20·2	76·8	91·0	79·5	·853	74·4	59	"
" ...	15th ...	·845	86·1	95·4	18·6	76·8	88·6	77·5	·795	72·3	59	"
...	16th ...	·801	81·9	92·0	20·2	71·8	88·1	80·5	·940	77·4	71	0·63

		Inches.
The mean 10 A.M. pressure of the seven days	... ...	29·808
		°
The mean temperature of the seven days	... ...	86·0
The extreme variation of temperature	... ...	25·5
The maximum temperature	... ...	97·3
		%
The mean 10 A.M. relative humidity of the seven days	... ...	63
The total fall of rain from 10th to 16th April 1892	... ...	0·63

The daily mean temperatures are the crude means of maximum and minimum temperatures.

Meteorological Office, India;
The 18th April 1892.

J. H. Gilliland,
For Meteorological Reporter to the Govt. of India.

Results of the Meteorological Observations taken at the Alipore Observatory from 10th to 16th April 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Maximum.	Range.	Minimum.	Hygrometry. Mean wet bulb.	Vapour tension	Dew point.	Humidity.	Wind. Prevailing direction.	Miles recorded.	Rain.	Weather.
		°		Inches.	°	°	°		°	Inches	°	%			Inches.	
April	10th	148·7	8·7	29·728	86·4	95·8	18·6	77·2	79·3	0·907	76·3	73	SSW ...	229	Nil	Chiefly clear.
,,	11th	148·5	8·5	·725	86·1	93·9	16·7	77·2	79·1	·902	76·1	73	SSW ...	209	,,	Chiefly clear.
,,	12th	150·2	8·5	·751	86·2	94·8	18·4	76·4	77·1	·809	72·8	67	SSW and variable	171	,,	Chiefly clear.
,,	13th	148·6	8·3	·723	85·7	95·4	19·2	76·2	77·2	·823	73·4	69	SSE and SSW ...	180	,,	Clear.
,,	14th	149·8	9·8	·753	85·6	94·6	17·8	76·8	77·5	·836	73·8	70	S and SSW ...	194	,,	Chiefly clear.
,,	15th	148·7	8·8	·773	83·9	93·5	17·3	76·2	76·2	·803	72·6	71	S by E and SSW	188	0·60	Partially cloudy, o, g, t, <, p.
,,	16th	146·6	8·4	·715	82·6	89·7	18·5	71·2	76·3	·823	73·4	74	SSW and S ...	224	Nil	Partially cloudy.

	Inches.
The mean pressure of the seven days	29·738
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·747
	Hours
The total number of hours of bright sunshine	61·0
The maximum possible number of hours of sunshine	88·1
	°
The mean temperature of the seven days	85·2
The average temperature of the corresponding period for 24 years, S.-G.'s Office	85·0
The extreme variation of temperature	24·6
The maximum temperature	95·8
	Miles.
The highest velocity of the wind in one hour	20
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	71
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	69
	Inches.
The total fall of rain from 10th to 16th April 1892	0·60
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·23
The total fall from 1st January to 16th April 1892	0·69
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	3·48

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; t, thunder; <, lightning; p, passing temporary showers.

J. H. GILLILAND,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 18*th April* 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 26th March 1892.

1	2	3			4			5			6	7							8							9	10		11		12
		POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.				Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
DISTRICTS.	NAMES OF MUNICIPALITIES.	Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan ...	Burdwan	18,063	16,017	34,080	16	6	*22*	24·4	9·2	*33·6*	266	16	15	42	6	1	5	*85*	24·4	22·9	64·1	9·2	1·5	7·6	*129·7*	87·0	44	41	126·7	133·1	95
	Raniganj	6,246	4,691	10,937	3	...	*3*	14·3	...	*14·3*	No female birth.	46	...	3	1	1	4	*55*	218·7	...	14·3	4·7	4·7	19·0	*261·5*	152·1	28	27	233·1	299·3	77
Bankura ...	Bankura	8,970	8,925	17,895	7	8	*15*	20·3	23·2	*43·6*	87	10	...	8	...	2	5	*25*	29·1	...	23·2	...	5·8	14·5	*72·6*	57·2	15	10	87·0	58·3	149
Birbhum ...	Suri	3,982	3,866	7,848	4	4	*8*	26·5	26·5	*53·0*	100	...	.	11	...	...	3	*14*	...	..	72·9	..	...	19·9	*92·8*	146·0	6	8	78·4	107·6	73
Midnapore ...	Midnapore ...	16,927	16,633	33,560	5	12	*17*	7·7	18·6	*26·3*	41	2	...	26	3	...	1	*32*	3·1	.	40·3	4·6	...	1·5	*49·6*	57·3	18	14	55·3	43·8	126
Hooghly, including Serampore.	Hooghly and Chinsura.	15,858	15,829	31,687	11	4	*15*	18·0	6·5	*24·6*	275	13	...	22	2	...	7	*44*	21·3	...	36·1	3·3	...	11·5	*72·3*	64·0	32	12	104·9	39·4	266
	Serampore ...	13,559	12,937	26,496	8	6	*14*	15·7	11·8	*27·5*	133	17	...	17	4	...	2	*40*	33·3	...	33·3	7·9	...	3·9	*78·5*	66·7	23	17	85·2	63·3	129
	Utterpara	3,046	2,464	5,510	...	1	*1*	...	9·4	*9·4*	No male birth.	2	...	2	2	...	...	*6*	18·8	...	18·8	18·8	...	...	*56·6*	56·6	5	1	85·4	21·1	404
Howrah ...	Howrah	53,153	37,660	90,813	26	31	*57*	14·9	17·7	*32·6*	84	44	...	31	6	...	14	*95*	25·2	.	17·7	3·4	...	8·0	*54·4*	51·0	62	33	60·7	45·6	133
	Bally	7,836	6,979	14,815	3	1	*4*	10·5	3·5	*14·0*	300	2	...	5	4	...	...	*11*	7·0	...	17·5	14·0	...	...	*38·6*	42·1	8	3	53·1	22·4	237
24-Parganas	Cossipore-Chitpur*																														
	Manicktolla* ...																														
	Baranagore ...	15,920	14,062	29,982	8	3	*11*	13·9	5·2	*19·1*	266	5	...	7	7	...	3	*22*	8·7	...	12·1	12·1	...	5·2	*38·2*	35·4	11	11	35·9	40·7	88
	South Suburban	26,400	25,258	51,658	12	5	*17*	12·1	5·0	*17·1*	240	2	...	10	3	...	3	*18*	2·0		10·1	3·0	...	3·0	*18·1*	32·2	9	9	17·7	18·5	95
Nadia ...	Krishnagar ...	13,263	14,214	27,477	12	8	*20*	22·7	15·1	*37·8*	150	1	...	24	...	...	1	*26*	1·9	...	45·4	...	...	1·9	*49·2*	58·7	16	10	62·7	36·6	171
	Ranaghat	4,028	4,655	8,683	3	5	*8*	18·0	29·9	*47·9*	60	5	...	3	1	...	1	*10*	29·9	...	18·0	6·0	...	6·0	*59·9*	35·9	2	8	25·8	89·4	28
	Santipur	13,708	15,979	29,687	10	9	*19*	17·5	15·8	*33·3*	111	...	..	28	1	..	1	*30*	...	...	49·0	1·7	...	1·7	*52·5*	57·8	12	18	45·5	58·6	77
Jessore ...	Jessore	4,830	3,665	8,495	1	..	*1*	6·1	...	*6·1*	No female birth.	...	..	7	...	...	...	*7*	...	...	18·4	...	...	...	*18·4*	24·5	4	3	19·3	17·3	111
Murshidabad	Berhampore ...	11,657	11,948	23,605	7	2	*9*	15·4	4·4	*19·8*	350	2	...	18	...	...	8	*28*	4·4	...	39·7	...	...	17·6	*61·7*	44·1	14	14	62·5	60·9	102
	City Murshidabad	18,901	20,330	39,231	9	4	*13*	11·9	5·3	*17·2*	225	3	...	31	...	...	1	*35*	4·0	.	41·1	...	...	1·3	*46·4*	46·4	20	15	55·0	38·4	143
Khulna ...	Khulna	3,249	3,043	6,292	7	4	*11*	57·9	33·0	*90·9*	175	9	...	12	1	...	...	*22*	74·4	...	99·2	8·3	...	...	*181·8*	49·6	6	16	96·0	273·4	35
Dinajpur ...	Dinajpur	7,254	5,306	12,560	1	2	*3*	4·1	8·3	*12·4*	50	...	.	10	...	.	3	*13*	.		41·4	.		12·4	*53·8*	78·7	6	7	49·0	68·6	63

Rajshahi ...	Rampur Boalia ...	10,766	9,025	19,791	6	5	*11*	15·8	13·1	*28·9*	120	...	...	25	...	...	...	*25*	...	...	65·7	...	...	...	*65·7*	49·9	14	11	67·8	63·4	106
Rangpur ...	Rangpur	8,011	5,309	13,320	3	1	*4*	11·7	3·9	*15·6*	300	...	...	14	...	...	...	*14*	...	...	54·7	...	...	...	*54·7*	42·9	11	3	71·4	29·4	243
Bogra ...	Bogra	3,480	2,699	6,179	1	3	*4*	8·4	25·2	*33·7*	33	...	...	8	...	...	...	*8*	...	...	67·3	...	...	...	*67·3*	42·1	3	5	44·8	96·3	46
Pabna ...	Pabna	7,701	7,566	15,267	6	7	*13*	20·4	23·8	*44·3*	85	3	...	11	1	...	2	*17*	10·2	...	37·5	3·4	...	6·8	*57·9*	74·9	6	11	40·5	75·6	53
	Sirajganj	11,213	9,824	21,037	9	7	*16*	22·2	17·3	*39·5*	128	...	...	10	2	...	...	*12*	...	...	24·7	4·9	...	...	*29·6*	12·4	9	3	41·7	15·9	262
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	1	2	*3*	7·4	14·8	*22·2*	50	...	...	3	...	...	1	*4*	...	...	22·2	...	...	7·4	*29·6*	7·4	2	2	22·7	42·6	53
Jalpaiguri ...	Jalpaiguri ...	4,972	2,975	7,947	...	5	*5*	...	32·7	*32·7*	No male birth.	...	...	5	...	...	...	*5*	...	...	32·7	...	...	...	*32·7*	19·6	5	...	33·3	...	No female death.
Dacca ...	Dacca	42,782	37,379	80,161	37	26	*63*	24·0	16·9	*40·9*	142	4	53	34	4	1	10	*106*	2·6	34·4	22·1	2·6	·6	6·5	*68·8*	56·4	61	45	74·1	62·6	118
	Narainganj ...	7,605	4,956	12,561	5	4	*9*	20·7	16·6	*37·3*	125	...	...	2	1	...	3	*6*	..	...	8·3	4·1	...	12·4	*24·8*	24·8	3	3	20·5	31·5	65
Faridpur ...	Faridpur ...	5,663	*4,600	10,263	4	4	*8*	20·2	20·2	*40·5*	100*	8	...	16	...	...	...	*24*	40·5	.	81·1	...	...	...	*121·6*	40·5	19	5	174·5	56·5	308
Backergunge ...	Barisal	8,701	4,485	13,186	5	3	*8*	19·7	11·8	*31·5*	166	2	...	3	...	...	3	*8*	7·9	...	11·8	...	...	11·8	*31·5*	71·0	4	4	23·9	46·4	51
Mymensingh ...	Nasirabad ...	10,443	4,413	14,856	2	...	*2*	7·0	...	*7·0*	No female birth.	...	...	...	...	...	2	*2*	...	...	...	...	...	7·0	*7·0*	17·5	2	...	10·0	...	No female death.
Chittagong ...	Chittagong ...	13,340	8,790	22,130	7	4	*11*	16·4	9·4	*25·8*	175	6	...	11	1	...	4	*22*	14·1	...	25·8	2·3	...	9·4	*51·7*	37·6	11	11	42·9	65·1	66
Noakhali ...	Sudharam ...	3,410	1,714	5,124	...	...	...	...	...	...	...	...	..	2	1	...	...	*3*	...	..	20·2	10·1	...	...	*30·4*	30·4	2	1	30·5	30·3	100
Tippera ...	Comilla	8,153	5,353	13,506	6	3	*9*	23·1	11·6	*34·7*	200	1	..	10	...	...	3	*14*	3·8	.	38·5	...	..	11·6	*53·9*	38·5	7	7	44·6	68·0	65
Patna ...	Patna City ...	78,762	81,475	160,237	44	26	*70*	14·3	8·4	*22·7*	169	...	1	79	12	...	23	*115*	...	·3	25·6	3·9	...	7·5	*37·3*	31·2	58	57	53·3	36·4	105
	Bihár	23,799	25,172	48,971	11	13	*24*	11·7	13·8	*25·5*	84	...	3	32	1	...	6	*42*	..	3·2	34·0	1·1	...	6·3	*44·6*	43·5	23	19	50·3	39·2	128
	Dinapore	25,424	26,801	52,225	9	12	*21*	8·9	11·9	*20·9*	75	...	...	20	1	...	4	*25*	...	...	19·9	1·0	...	4·0	*24·9*	11·9	10	15	26·5	29·1	70
Gaya ...	Gaya	38,290	37,831	76,121	21	9	*30*	14·3	6·1	*20·5*	233	10	5	56	8	...	7	*86*	6·8	3·4	38·3	5·4	...	4·8	*58·7*	49·9	60	26	81·5	35·7	228
Shahabad ...	Arrah	20,960	22,505	43,465	18	15	*33*	21·5	17·9	*39·5*	120	...	...	22	...	...	10	*32*	...	..	26·3	...	...	12·0	*38·3*	25·1	20	12	49·6	27·7	179
	Buxar	9,299	8,369	17,668	5	2	*7*	14·7	5·9	*20·6*	250	...	..	8	...	...	2	*10*	...	...	23·5	...	...	5·9	*29·4*	32·4	5	5	28·0	31·1	90
Muzaffarpur ...	Muzaffarpur ...	23,084	19,658	42,742	18	15	*33*	21·0	18·2	*40·1*	120	...		44	...	1	9	*54*	...	..	53·5	..	1·2	10·9	*65·7*	66·9	17	37	38·3	97·9	39
Darbhanga ...	Darbhanga ...	33,774	32,322	66,096	17	31	*48*	13·4	24·4	*37·8*	55	...	...	37	11	...	13	*61*	...	...	29·1	8·7	.	10·2	*48·0*	55·1	25	23	43·1	53·1	81
Saran ...	Chapra	25,116	26,554	51,670	13	10	*23*	13·1	10·0	*23·1*	130	1	...	22	4	...	17	*44*	1·0	...	22·1	4·0	...	17·1	*44·3*	32·2	30	14	62·1	27·4	226
Champaran ...	Motihari	6,328	3,979	10,307	6	...	*6*	30·3	...	*30·3*	No female birth.	...	...	11	1	...	...	*12*	...	...	55·5	5·0	...	...	*60·5*	45·4	9	3	74·0	39·2	158
Monghyr ...	Monghyr	28,154	29,366	57,520	21	19	*40*	19·0	17·2	*36·2*	110	7	...	29	11	...	12	*59*	6·3	...	26·2	9·9	...	10·8	*53·3*	47·0	32	27	59·0	47·8	123
	Jamálpur ...	7,456	6,107	13,563	5	6	*11*	19·1	23·0	*42·2*	83	...	...	15	2	...	...	*17*	...	..	57·5	7·6	...	...	*65·2*	49·8	7	10	48·8	85·1	57
Bhágalpur ...	Bhagalpur ...	34,916	33,322	68,238	16	25	*41*	12·2	19·0	*31·2*	64	...	...	78	...	...	1	*79*	...	...	59·4	...	...	·8	*60·2*	56·4	35	44	52·1	68·7	76
Purnea ...	Purnea	8,463	6,553	15,016	2	2	*4*	6·9	6·9	*13·9*	100	...	...	9	...	...	...	*9*	...	...	31·2	...	...	...	*31·2*	34·6	4	5	24·6	39·7	62
Malda ...	English Bazar ...	6,289	6,141	12,430	4	1	*5*	16·7	4·2	*20·9*	400	...	...	12	1	...	4	*17*	...	...	50·2	4·2	...	16·7	*71·1*	75·3	5	12	41·4	101·6	40
Sonthal Parganas.	Deoghur	4,964	3,041	8,005	4	2	*6*	26·0	13·0	*39·0*	200	8	...	2	...	...	...	*10*	51·9	...	13·0	...	...	...	*65·0*	71·5	5	5	52·4	85·5	61
Cuttack ...	Cuttack	22,632	20,607	43,239	10	8	*18*	12·0	9·6	*21·6*	125	4	2	15	5	...	10	*36*	4·8	2·4	18·0	6·0	...	12·0	*43·3*	44·5	17	19	39·1	47·9	81
Puri ...	Puri	13,247	11,537	24,784	8	6	*14*	16·8	12·6	*29·4*	133	4	.	6	6	1	9	*26*	8·4	..	12·6	12·6	2·1	18·9	*54·6*	109·1	11	15	43·2	67·6	63
Balasore ...	Balasore	10,282	9,983	20,265	6	8	*14*	15·4	20·5	*35·9*	75	...	...	1	2	...	9	*12*	...	...	2·6	5·1	...	23·1	*30·8*	43·6	6	6	30·3	31·3	96
Hazáribágh ...	Hazáribágh ...	7,639	7,667	15,306	7	4	*11*	23·8	13·6	*37·4*	175	...	...	7	...	...	2	*9*	...	...	23·8	...	...	6·8	*30·6*	27·2	2	7	13·6	47·5	28
Lohardaga ...	Ranchi	10,101	8,342	18,443	4	3	*7*	11·3	8·4	*19·7*	133	...	.	5	...	...	...	*5*	...	...	14·1	...	...	...	*14·1*	25·4	3	2	15·4	12·5	123
Singbhum ...	Chaibassa	3,126	2,880	6,006	...	1	*1*	...	8·6	*8·6*	No male birth.	...	...	3	...	...	...	*3*	...	...	26·0	...	...	...	*26·0*	17·3	2	1	33·3	18·1	184
Manbhum ...	Purulia	5,060	4,244	9,304	4	7	*11*	22·3	39·1	*61·5*	57	1	.	8	2	...	5	*16*	5·6	...	44·7	11·1	...	27·9	*89·4*	83·8	9	7	92·5	85·8	107
	Total ...	864,834	790,444	1,655,278	498	414	*912*	15·6	13·0	*28·7*	120	238	79	992	118	7	233	*1,667*	7·5	2·5	31·2	3·7	·2	7·3	*52·4*	47·7	898	769	54·0	50·6	106

* Return not received up to date.

DISTRICTS.	NAMES OF MUNICIPALITIES.	13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
		DEATHS AMONG—					RATIO PER 1,000 OF POPULATION PER ANNUM.					DEATHS.										RATIO PER 1,000 OF POPULATION PER ANNUM.									
		Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	68	17	...	...	...	149'3	86'1	...	...	8	4	5	1	3	12	24	13	8	7	630'3	92'2	111'5	20'7	49'9	78'8	180'9	153'0	169'5	245'6
	Raniganj	...	45	10	...	...	...	262'1	282'6	...	...	3	4	7	1	4	10	14	9	2	1	663'8	211'4	321'6	57'1	254'3	214'5	338'8	374'1	172'2	124'7
Bankura ...	Bankura	...	24	1	...	...	...	73'5	60'5	...	...	3	4	...	...	...	6	2	4	2	4	329'8	109'8	...	...	...	94'9	39'4	114'2	94'0	209'5
Birbhum ...	Suri	...	13	1	...	...	...	115'8	26'1	...	...	1	...	...	...	...	3	3	2	1	4	298'9	...	...	...	...	110'5	127'7	117'9	89'2	435'1
Midnapore ...	Midnapore ...	...	23	9	...	...	...	46'1	64'8	...	...	...	2	...	...	5	3	7	6	3	6	...	44'2	...	...	82'3	21'2	65'6	83'7	75'6	170'5
Hooghly, including Serampore.	Hooghly and Chinsura.	1	36	7	...	...	226'1	74'1	59'0	...	...	6	4	4	3	2	4	6	8	2	5	388'5	93'7	72'1	62'9	41'4	33'5	54'7	99'7	40'0	125'4
	Serampore	...	37	3	...	...	...	76'2	166'3	...	...	8	3	1	...	7	8	3	6	3	1	585'9	86'4	20'7	...	166'7	77'2	31'4	92'5	81'5	37'4
	Utterpara	...	5	1	...	...	...	48'8	282'6	...	...	...	...	...	...	...	1	2	1	1	1	...	...	...	...	...	45'2	98'0	74'2	141'3	200'0
Howrah ...	Howrah	2	71	22	...	...	54'9	54'2	55'8	...	...	9	10	9	3	5	21	10	7	9	12	226'9	93'9	74'4	23'7	35'5	48'1	27'0	31'0	85'2	166'4
	Bally	...	9	2	...	...	...	34'9	79'3	...	...	1	...	...	...	...	3	1	4	...	2	143'6	...	...	...	...	46'6	18'6	107'4	...	142'1
24-Parganas	Cossipore-Chitpur*																														
	Maniektola* ...																														
	Baranagore ..	...	21	1	...	...	...	42'4	12'6	...	...	3	1	...	...	3	2	3	3	1	6	230'4	25'3	...	...	68'2	16'2	28'7	37'8	25'1	186'3
	South Suburban	...	10	8	...	...	...	16'4	21'3	...	...	2	1	3	2	1	5	...	2	2	...	78'4	10'9	30'7	21'8	11'8	25'6	...	17'6	31'4	...
Nadia ...	Krishnagar ...	...	17	9	...	...	...	47'5	56'5	...	...	6	...	...	...	2	6	2	3	4	3	629'0	...	...	...	50'6	64'9	24'3	47'8	98'7	90'3
	Ranaghat	...	10	...	...	...	...	71'1	...	...	...	3	1	...	1	...	1	1	1	2	...	753'6	85'4	...	59'9	...	34'5	41'7	51'8	143'6	...
	Santipur ...	...	21	9	...	...	...	52'8	52'3	...	...	4	...	1	...	2	3	2	1	7	10	246'2	...	13'8	...	46'7	31'8	24'0	14'8	158'3	264'8
Jessore ...	Jessore	...	3	4	...	...	...	15'7	21'2	...	...	...	...	...	1	...	3	...	...	2	1	...	...	...	28'9	...	37'5	...	...	83'8	54'0
Murshidabad.	Berhampore ...	...	22	6	...	...	...	63'0	60'3	...	...	3	...	...	2	1	3	8	3	2	6	413'8	...	...	54'7	29'5	35'0	93'9	45'3	55'3	195'2
	City Murshidabad	...	15	20	...	...	...	34'3	65'7	...	...	5	1	...	1	2	7	4	5	4	6	340'8	21'1	...	18'1	40'2	49'7	28'6	44'4	58'6	100'8
Khulna ...	Khulna	...	10	12	...	...	...	163'0	204'7	...	...	1	2	6	1	...	4	3	2	1	2	409'4	130'3	302'5	71'9	...	198'8	185'9	159'5	115'0	330'2
Dinajpur ...	Dinajpur	...	4	9	...	...	...	34'3	73'0	...	...	2	2	1	1	...	2	1	3	1	...	504'9	120'4	41'5	52'0	...	38'6	21'0	99'5	63'7	...
Rajshahi ...	Rampur Boalia ...	...	14	11	...	...	...	73'5	58'3	...	...	3	2	2	...	...	1	5	2	4	6	384'2	73'3	60'0	...	...	12'8	72'1	42'4	167'6	324'0
Rangpur ...	Rangpur	...	7	7	...	...	...	56'2	54'8	...	...	2	...	...	1	...	...	4	4	1	2	446'4	...	...	47'0	...	...	75'6	181'7	70'7	201'9
Bogra ...	Bogra	...	4	4	...	...	...	78'0	60'1	...	...	...	2	...	...	...	3	...	...	...	3	...	202'3	...	...	...	116'1	...	...	...	496'8

District	Town																														
Pabna ...	Pabna ...	...	9	5	...	...	...	65·6	51·3	...	...	3	2	1	1	2	2	3	3	...	...	392·9	71·3	30·8	37·7	84·6	35·8	62·5	91·5	...	...
	Sirajganj ...	...	5	7	...	...	...	30·3	29·9	...	...	2	1	...	...	...	5	1	1	2	...	192·9	21·8	...	...	...	70·7	16·4	23·2	83·3	...
Darjeeling ...	Darjeeling ...	...	2	2	...	...	...	22·6	169·9	...	...	...	2	...	...	1	1	...	...	...	...	...	161·7	...	...	61·3	26·0	...	...	...	...
Jalpaiguri ...	Jalpaiguri ...	...	2	3	...	...	...	24·5	42·8	...	...	...	...	...	...	...	2	...	1	1	1	...	...	...	...	...	57·4	...	69·9	125·9	165·1
Dacca ...	Dacca ...	1	42	63	...	...	109·5	54·2	83·3	...	...	23	24	15	4	6	7	5	3	5	14	630·1	169·2	78·6	26·3	42·7	23·8	22·3	18·6	54·9	130·6
	Narainganj* ...	...	3	3	...	...	...	24·7	25·3	...	...	3	...	...	...	...	...	...	...	2	1	553·1	...	...	...	...	...	...	...	133·0	79·8
Faridpur ...	Faridpur ...	...	16	6	...	...	...	155·7	85·7	...	...	1	3	3	...	2	1	3	5	5	1	222·2	125·1	155·7	...	145·5	28·0	106·8	223·0	3.2·6	70·2
Backergunge...	Barisál ...	...	3	5	...	...	...	25·8	38·1	...	...	...	1	...	...	...	...	3	3	...	1	...	61·1	...	...	...	...	62·5	102·6	...	91·7
Mymensingh ...	Nasirabad ...	...	...	2	...	...	...	...	14·7	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	14·3	...	...	56·4	...
Chittagong ...	Chittagong ...	...	4	18	...	...	...	35·5	61·2	...	...	3	4	2	...	1	4	4	2	1	1	277·1	105·7	41·6	...	21·5	44·0	62·4	46·1	47·9	65·3
Noakhali ...	Sudharam ...	...	...	3	...	...	...	...	61·7	...	...	...	1	...	...	...	1	1	...	...	...	...	146·1	...	...	...	44·4	59·6	...	...	...
Tippera ...	Comilla ...	...	3	11	...	...	...	26·2	77·4	...	...	4	1	...	...	2	1	3	1	1	1	700·3	39·8	...	...	82·7	18·8	78·2	39·6	64·9	76·7
Patna ...	Patna City ...	...	89	26	...	...	...	38·9	33·1	...	...	24	8	12	3	4	5	6	7	13	33	289·6	28·5	37·1	10·8	18·6	9·0	13·4	19·3	47·8	124·2
	Bihár ...	...	32	10	...	...	...	49·4	34·0	...	...	8	7	1	...	...	3	1	8	6	8	280·1	62·9	8·6	...	...	18·4	7·4	60·8	86·2	115·7
	Dinapore ...	...	23	2	...	...	...	31·0	88·9	...	...	3	3	1	...	...	3	2	2	3	8	111·6	28·3	6·3	...	...	17·0	13·7	18·4	41·0	101·3
Gaya ...	Gaya ...	...	66	20	...	...	...	57·2	64·7	...	...	22	6	4	2	4	11	10	7	7	13	639·1	49·1	29·7	15·5	33·7	38·9	40·8	37·2	55·4	131·3
Shahabad ...	Arrah ...	...	21	11	...	...	...	35·2	46·1	...	...	11	3	1	...	...	4	2	4	4	3	444·1	35·2	10·1	...	...	26·5	16·2	44·4	67·2	54·1
	Buxar ...	...	8	2	...	...	...	29·9	28·9	...	...	1	2	1	...	...	1	1	2	...	2	125·3	60·4	25·3	...	...	16·3	17·1	49·0	...	96·1
Muzaffarpur ...	Muzaffarpur ...	...	40	14	...	...	...	69·3	58·3	...	...	9	2	5	...	3	8	4	4	6	13	490·1	25·7	57·8	...	51·5	48·5	29·8	41·5	96·1	277·7
Darbhanga ...	Darbhanga ...	...	45	16	...	...	...	48·3	47·4	...	...	15	5	2	4	3	8	5	1	3	15	501·0	34·2	13·3	37·4	38·8	31·2	23·3	7·0	35·6	244·2
Saran ...	Chapra ...	...	38	6	...	...	...	49·8	26·2	...	...	8	5	2	2	4	5	3	5	4	6	294·8	50·4	14·7	20·7	59·9	28·2	20·0	42·6	50·3	91·7
Champaran ...	Motihari ...	...	10	2	...	...	...	63·1	37·5	...	...	1	5	1	...	1	...	1	1	2	...	379·6	264·8	47·1	...	78·0	...	35·1	48·5	111·5	...
Monghyr ...	Monghyr ...	2	42	15	...	...	437·0	48·8	63·1	...	...	15	9	2	...	2	3	7	5	5	11	525·3	75·2	14·7	...	27·5	15·1	40·3	40·8	65·4	159·5
	Jamálpur ...	1	13	3	...	...	81·6	68·8	50·3	...	...	4	...	...	...	...	1	7	3	...	2	585·9	...	...	...	...	18·5	151·0	111·1	...	155·9
Bhágalpur ...	Bhágalpur ...	...	65	14	...	...	...	69·1	38·6	...	...	12	11	3	2	2	7	10	3	8	21	434·8	88·2	22·1	14·3	21·0	27·9	47·4	20·4	82·0	253·8
Purnea ..	Purnea ...	...	2	7	...	...	...	11·3	64·3	...	...	1	...	...	...	...	...	2	1	...	5	183·7	...	...	...	...	...	36·5	28·0	...	322·2
Malda ..	English Bazar ...	...	9	8	...	...	...	64·4	80·8	...	...	2	2	2	1	...	2	2	2	1	3	352·5	109·2	69·3	42·1	...	45·3	48·4	70·7	69·5	221·9
Sonthal Parganas.	Deoghur ...	...	9	1	...	...	...	60·7	175·1	...	...	3	1	...	1	...	2	1	1	1	...	1200·0	90·4	...	52·4	...	55·1	32·4	55·5	104·2	...
Cuttack ...	Cuttack ...	...	30	6	...	...	...	46·4	40·5	...	...	8	1	1	...	2	1	5	5	5	8	405·5	13·9	10·5	...	25·9	6·0	42·5	57·4	84·3	141·1
Puri ...	Puri ...	...	26	...	...	...	...	55·1	...	...	...	2	...	1	2	1	3	4	4	2	7	343·2	...	23·2	55·4	28·0	29·5	51·3	62·6	46·6	201·6
Balasore ...	Balasore ...	...	7	5	...	...	...	21·6	84·7	...	...	3	...	1	1	1	...	4	...	1	1	294·9	...	20·3	27·0	30·4	...	71·2	...	40·6	44·9
Hazáribágh ...	Hazáribágh ...	...	5	4	...	...	...	23·6	50·5	...	...	4	2	...	...	...	3	...	...	...	...	427·1	57·1	...	...	...	59·3	...	...	...	...
Lohardaga ...	Ranchi ...	...	2	1	...	2	...	11·3	9·6	...	44·1	...	...	...	...	...	...	1	2	2	...	...	...	...	...	...	...	16·9	57·3	106·0	...
Singhbhum ...	Chaibassa ...	...	3	...	...	...	...	30·5	...	...	...	1	1	...	...	1	...	...	...	...	...	321·0	93·7	...	...	145·7	...	...	...	...	...
Manbhum ...	Purulia ...	...	16	...	...	...	...	106·7	...	...	...	5	1	...	...	...	1	3	5	1	...	1468·9	58·4	...	...	...	26·1	92·0	294·5	111·1	...
	TOTAL ...	7	1,179	479	...	2	23·3	53·0	52·4	...	23·3	274	156	100	41	79	207	209	184	154	267	363·2	55·1	29·6	14·1	32·4	32·9	39·7	48·4	67·9	130·5

* Return not received up to date.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 18th April 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.,*

Sanitary Commissioner for Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 9th April 1892, as compared with the corresponding week of the previous year.

Nature of Cargo.	Week ending Saturday, the 9th April 1892.			Week ending Saturday, the 11th April 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	299	1,00,430	1,516	747	1,64,700	2,893
Jute	4	2,600	24	60	40,900	709
Firewood	118	68,450	1,020	135	77,675	1,174
Other articles	714	1,81,350	2,684	950	2,45,995	3,870
Total ...	1,135	3,52,830	5,274	1,892	5,29,270	8,646

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 16th April 1892, as compared with the corresponding week of the previous year.

Nature of Cargo.	Week ending Saturday, the 16th April 1892.			Week ending Saturday, the 18th April 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	279	1,16,180	1,984	277	53,650	804
Jute	23	11,600	115	45	33,360	482
Firewood	125	64,035	963	52	25,825	377
Other articles	601	1,58,535	2,435	473	1,34,965	1,905
Total ...	1,028	3,50,350	5,497	847	2,47,800	3,568

Weekly Return of Traffic Receipts on Indian Railways

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 9th April 1892, on 1,552¾ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*274,802	*3,06,861 5 0	*28,46,873 0	*7,21,492 10 0	19,184 10 0	10,47,538 9 0	83,363	112,780½	196,153¾
Or per mile of railway	......	197 10 5	......	464 10 6	12 5 8	674 10 2	......	......	.....
For previous 13 weeks of half-year	3,762,838	42,69,115 9 0	3,65,78,341 10	85,65,494 0 8	2,30,347 15 9	1,30,64,957 0 5	1.017,571½	1,382,535	2,400,106½
Total for 14 weeks ...	4,037,640	45,75,976 14 0	3,94,25,214 10	92,86,986 10 8	2,49,532 9 9	1,41,12,496 2 5	1,100,934½	1,495,325¾	2,596,260¼
Comparison.									
Total for corresponding week of previous year	285,278	3,46,270 6 8	28,96,059 30	7,19,716 13 0	24,176 0 3	10,90,172 3 11	79,057	104,472	183,529
Per mile of railway corresponding week of previous year ...	......	226 15 11	......	471 13 8	15 13 6	714 10 1	......	......	.....
Total to corresponding date of previous year	4,069,254½	50,00,471 13 2	3,88,83,909 10	92,61,070 10 7	3,06,940 15 4	1,45,68,483 7 1	1,092,622	1,442,993	2,535,615

* The decrease in coaching traffic is due to figures for the corresponding period of 1891 having included earnings on account of "Baroonee" and Hurdwar "Coombh mela."

PATNA-GAYA STATE RAILWAY.

Approximate Return of Traffic for week ended 9th April 1892, on 57½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*17,072	*9,128 7 0	69,843 20	5,170 12 0	57 0 0	14,356 3 0	1,471	1,205	2,676
Or per mile of railway	298½	150 9 5	1,212 20	90 6 5	0 15 11	250 15 9	.....	......	.....
For previous 13 weeks of half-year	202,406	1,08,173 7 0	8,29,805 30	47,956 0 0	656 9 3	1,56,786 0 3	23,712	11,965	35,677
Total for 14 weeks ...	219,478	1,17,301 14 0	8,99,149 10	53,126 12 0	713 9 3	1,71,142 3 3	25,183	13,170	38,353
Comparison.									
Total for corresponding week of previous year	22,027½	12,601 11 8	74,420 0	5,165 10 0	76 7 3	17,843 12 11	1,477	917	2,394
Per mile of railway corresponding week of previous year ...	385	220 4 11	1,301 10	90 4 11	1 5 5	311 15 3	....	.....	......
Total to corresponding date of previous year	271,331½	1,60,572 0 0	6,84,889 0	47,433 7 0	863 3 9	2,08,868 10 9	23,254	11,757	35,011

* The decrease in coaching traffic is due to figures for the corresponding period of 1891 having included earnings on account of "Baroonee" and Hurdwar "Coombh mela."

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 9th April 1892, on 22¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*30,902	*8,795 4 0	21,747 20	859 3 0	13 0 0	9,667 7 0	852	116	968
Or per mile of railway . .	.. ..	395 4 8	......	38 9 10	0 9 4	434 7 10	... .	......	......
For previous 13 weeks of half-year	296,701	75,154 8 0	2,50,442 30	8,708 14 9	163 0 9	84,086 7 6	11,780	1,405	13,185
Total for 14 weeks ...	327,603	83,949 12 0	2,72,190 10	9,628 1 9	176 0 9	93,753 14 6	12,632	1,521	14,153
Comparison.									
Total for corresponding week of previous year	33,207	9,535 10 3	21,426 20	756 3 0	18 3 0	10,310 0 3	874	116	990
Per mile of railway corresponding week of previous year ...	......	428 9 1	......	33 15 9	0 13 1	463 5 11	......	.....	....
Total to corresponding date of previous year	367,927	99,092 9 10	2,15,687 10	7,311 1 0	149 8 0	1,06,582 13 11	13,425	1,535	41,960

* The decrease in coaching traffic is due to figures for the corresponding period of 1891 having included earnings on account of "Baroonee" and Hurdwar "Coombh mela."

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 9th April 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-mile run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	*17,051	*15,011 6 0	44,860 30	8,550 2 0	66 0 0	23,627 8 0	6,710½	2,630½	9,340½
Or per mile of railway	......	92 10 7	......	52 12 6	0 6 6	145 13 7	......	......	......
For previous 13 weeks of half-year	213,823	1,58,248 12 0	6,04,531 30	1,13,366 15 0	827 15 9	2,72,443 10 9	79,053½	27,578½	106,031½
Total for 14 weeks ...	230,874	1,73,260 2 0	6,49,392 20	1,21,916 1 0	893 15 9	2,96,070 2 9	85,764	30,208½	115,972½
Comparison.									
Total for corresponding week of previous year	23,436½	19,176 14 10	40,310 20	8,906 14 0	58 0 3	28,231 13 1	7,089	—715	6,374
Per mile of railway corresponding week of previous year ..	......	118 6 0	......	55 8 7	0 5 9	174 4 4	......	......	......
Total to corresponding date of previous year	98,030	90,746 3 11	1,95,044 0	48,585 3 0	635 14 0	1,30,967 4 11	37,925	9,043	46,968

* The decrease in coaching traffic is due to figures for the corresponding period of 1891 having included earnings on account of "Baroonee" and Hurdwar "Coombh mela."

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K.-D., AND ASSAM-BIHÁR SECTIONS.)

Approximate Return of Traffic for week ended 2nd April 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	163,673	78,320 0 0	5,40,274 0	68,610 0 0	9,900 0 0	1,56,830 0 0	28,224	27,783	56,007
Or per mile of railway ...	211	101 0 0	695 0	88 0 0	†2 0 0	191 0 0	......	......	......
For previous 12 weeks of half-year*	2,111,249	10,60,594 0 0	68,66,988 0	9,96,353 0 0	1,62,548 0 0	22,19,495 0 0	350,998	338,250	689,248
Total for 13 weeks ...	2,274,922	11,38,914 0 0	74,07,262 0	10,64,963 0 0	1,72,448 0 0	23,76,325 0 0	379,222	366,033	745,255
COMPARISON.									
Total for corresponding week of previous year	200,376	90,763 0 0	8,34,411 0	1,31,028 0 0	14,416 0 0	2,36,207 0 0	25,300	40,217	65,517
Per mile of railway corresponding period of previous year ...	258	117 0 0	1,074 0	168 0 0	†4 0 0	289 0 0	......	......	......
Total to corresponding date of previous year	2,626,785	15,48,114 0 0	92,82,981 0	17,68,172 0 0	3,67,986 0 0	36,84,272 0 0	362,414	522,057	884,471

* Audited up to week ending 6th February 1892.
† Excluding steamer earnings.

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K.-D., AND ASSAM-BEHAR SECTIONS.)

Approximate Return of Traffic for week ended 9th April 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	202,174	81,930 0 0	6,08,446 0	52,070 0 0	9,190 0 0	1,73,190 0 0	28,224	27,783	56,007
Or per mile of railway	260	105 0 0	783 0	106 0 0	†1 0 0	212 0 0	......	......	......
For previous 13 weeks of half-year*	2,271,149	11,39,268 0 0	74,03,621 0	10,64,863 0 0	1,78,167 0 0	23,82,298 0 0	376,557	370,257	746,814
Total for 14 weeks ...	2,473,323	12,21,198 0 0	80,12,067 0	11,46,933 0 0	1,87,357 0 0	25,55,488 0 0	404,781	398,040	802,821
COMPARISON.									
Total for corresponding week of previous year	159,860	95,795 0 0	6,16,068 0	1,13,570 0 0	14,422 0 0	2,23,787 0 0	29,000	36,958	65,958
Per mile of railway corresponding period of previous year ...	206	123 0 0	793 0	146 0 0	†2 0 0	271 0 0	......	......	......
Total to corresponding date of previous year	2,786,645	16,43,909 0 0	1,00,05,659 0	18,81,742 0 0	3,82,408 0 0	39,08,059 0 0	391,414	559,015	950,429

* Audited up to week ending 20th February 1892.
† Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 2nd April 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	28,514	11,570 0 0	54,648 0	3,340 0 0	50 0 0	14,960 0 0	3,457	2,215	5,672
Or per mile of railway ..	228	93 0 0	437 0	27 0 0	......	120 0 0	......	......	......
For previous 12 weeks of half-year*	362,949	1,35,256 0 0	7,11,091 0	44,717 0 0	1,166 0 0	1,81,139 0 0	43,589	26,130	69,719
Total for 13 weeks ...	391,463	1,46,826 0 0	7,65,739 0	48,057 0 0	1,216 0 0	1,96,099 0 0	47,046	28,345	75,391
COMPARISON.									
Total for corresponding week of previous year ..	28,497	10,726 0 0	88,156 0	5,170 0 0	49 0 0	15,945 0 0	2,085	3,587	5,672
Per mile of railway corresponding week of previous year ..	228	86 0 0	705 0	41 0 0	......	127 0 0	......	......	......
Total to corresponding date of previous year	424,033	2,02,240 0 0	8,74,508 0	40,994 0 0	827 0 0	2,53,070 0 0	48,273	29,731	78,004

* Audited up to week ending 6th February 1892.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 9th April 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	33,479	10,840 0 0	58,475 0	3,070 0 0	60 0 0	14,570 0 0	3,085	2,587	5,672
Or per mile of railway ...	268	87 0 0	468 0	29 0 0	1 0 0	117 0 0		......	......
For previous 13 weeks of half-year*	395,052	1,48,341 0 0	7,71,010 0	48,647 0 0	1,113 0 0	1,98,101 0 0	47,843	27,548	75,391
Total for 14 weeks ...	428,531	1,29,181 0 0	8,29,485 0	52,317 0 0	1,173 0 0	2,12,671 0 0	50,928	30,135	81,063
Comparison.									
Total for corresponding week of previous year	33,766	10,129 0 0	95,265 0	5,856 0 0	57 0 0	16,042 0 0	3,085	2,587	5,672
Per mile of railway corresponding week of previous year ...	270	81 0 0	762 0	47 0 0	.....	128 0 0	....	.....	......
Total to corresponding date of previous year	457,799	2,12,378 0 0	9,69,863 0	55,850 0 0	884 0 0	2,69,112 0 0	51,358	32,318	83,676

* Audited up to week ending 20th February 1892.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 2nd April 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-mile run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	17,443	5,470 0 0	10,289 0	830 0 0	120 0 0	6,420 0 0	2,320	904	3,224
Or per mile of railway ...	203	64 0 0	120 0	10 0 0	1 0 0	75 0 0	......	......	.....
For previous 12 weeks of half-year*	213,868	69,594 0 0	1,39,704 0	14,598 0 0	1,115 0 0	85,307 0 0	29,643	9,901	39,544
Total for 13 weeks ...	231,311	75,064 0 0	1,49,993 0	15,423 0 0	1,235 0 0	91,727 0 0	31,963	10,805	42,768
Comparison.									
Total for corresponding week of previous year	20,477	6,488 0 0	13,528 0	1,191 0 0	261 0 0	7,940 0 0	2,414	946	3,360
Per mile of railway corresponding week of previous year ...	238	75 0 0	157 0	14 0 0	3 0 0	92 0 0	......	......	......
Total to corresponding date of previous year	257,790	94,062 0 0	5,11,893 0	46,167 0 0	2,601 0 0	1,42,830 0 0	34,162	18,318	53,480

* Audited up to week ending 23rd January 1892.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 9th April 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	25,321	6,440 0 0	10,339 0	1,110 0 0	190 0 0	7,740 0 0	2,406	698	3,104
Or per mile of railway	294	75 0 0	120 0	13 0 0	2 0 0	90 0 0	.....	......	......
For previous 13 weeks of half-year*	230,234	76,339 0 0	1,51,604 0	14,832 0 0	1,385 0 0	92,536 0 0	31,963	10,805	42,768
Total for 14 weeks ...	255,555	82,779 0 0	1,61,943 0	15,942 0 0	1,575 0 0	1,00,296 0 0	34,369	11,503	45,872
Comparison.									
Total for corresponding week of previous year	17,839	5,640 0 0	15,125 0	1,381 0 0	143 0 0	7,164 0 0	2,406	698	3,104
Per mile of railway corresponding period of previous year	207	65 0 0	176 0	16 0 0	2 0 0	83 0 0	......	......	.....
Total to corresponding date of previous year	275,639	99,702 0 0	5,27,018 0	47,548 0 0	2,744 0 0	1,49,994 0 0	36,568	19,016	55 584

* Audited up to week ending 20th February 1892.

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the last 5 days of March 1892, on 27¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the last 5 days of March 1892 ...	2,392	830 0 0	11,823 0	520 0 0	30 0 0	1,380 0 0	502	439	941
Or per mile of railway . ..	88	31 0 0	431 0	19 0 0	1 0 0	51 0 0	......	......	......
For previous 12 weeks of half-year*	39,746	14,073 0 0	1,61,364 0	8,805 0 0	766 0 0	23,644 0 0	5,990	6,373	12,363
Total for 13 weeks ...	42,138	14,903 0 0	1,73,187 0	9,325 0 0	796 0 0	25,024 0 0	6,492	6,812	13,304
Comparison.									
Total for corresponding week of previous year	3,013	1,077 0 0	5,092 0	216 0 0	9 0 0	1,302 0 0	502	370	872
Per mile of railway corresponding week of previous year ...	111	40 0 0	187 0	8 0 0	... .	48 0 0	......	......	......
Total to corresponding date of previous year	52,794	19,865 0 0	1,55,690 0	7,719 0 0	374 0 0	27,958 0 0	7,145	7,635	14,780

* Audited up to week ending 6th February 1892.
N.B.—From 1st April 1892, the line has been made over to E. I. Railway.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhut State Railway.)

Approximate Return of Traffic for the week ending 2nd April 1892, on 755 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Coaching.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 755 miles open	153,990	67,960(*a*)	4,41,160	60,760	13,610	1,42,330	14,685	19,920	34,605
Or per mile of railway ..	203·96	90·01	584·32	80·48	18·03	188·52	.. ...	......	......
For previous 12⅝ weeks of half-year (*b*)	1,069,853	4,79,667	39,73,241	5,43,406	1,12,718	11,35,791	146,372	203,891	350,263
Total for 13⅝ weeks	1,223,843	5,47,627	44,14,401	6,04,166	1,26,328	12,78,121	161,057	223,811	384,868
Comparison.									
Total for corresponding week of previous year on 705 miles open	94,445	39,499	4,83,302	60,148	11,333	1,10,980	10,548	20,110	30,658
Per mile of corresponding week of previous year	133·96	56·03	685·53	85·32	16·07	157·42	......	......	......
Total to corresponding date of previous year	1,251,601	5,41,517	54,62,268	7,68,233	1,16,177	14,25,927	146,053	257,743	404,696

(*a*) Increase in passenger traffic is due to "Baruni" bathing mêla.
(*b*) Includes audited figures up to 23rd January 1892.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 2nd April 1892...	11,190	0	0
Corresponding period of 1891	10,176	0	0
Increase	1,014	0	0
Receipts per mile for week ending 2nd April 1892	219	6	7
Corresponding period of 1891	199	8	5
Increase	19	14	2
Receipts from 1st January to 2nd April 1892	1,21,838	0	0
Corresponding period of 1891	1,15,360	0	0
Increase	6,478	0	0

Printed and published by Edwin Morris Lewis at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 20th April 1892.

[REGISTERED No. 29.]

No. 17 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, APRIL 27, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

ZAMINDARI DÁK CESS IN BENGAL.

GENERAL DEPARTMENT—MISCELLANEOUS.

Calcutta, the 16*th April*, 1892.

RESOLUTION No 1135

READ—

The following papers regarding the Zamindari Dák Cess in Bengal:—

Letter from the Secretary, British Indian Association, dated the 17th April 1890.

Letter to the Secretary, British Indian Association, No. 1137, dated the 29th July 1890.

Letter from the Secretary, British Indian Association, No. 30, dated the 5th September 1890.

Circular letter to the Officiating Postmaster-General, Bengal, and Commissioners of Divisions, No. 2T.G., dated the 23rd September 1890.

Letter from the Officiating Postmaster-General, Bengal, No. 33547, dated the 13th January 1891.

Letter from the Officiating Postmaster-General, Bengal, No. 5736Z, dated the 14th May 1891, and enclosure.

Letter to the Officiating Postmaster-General, Bengal, No. 60T G., dated the 16th June 1891.

Letter to the Secretary to the Board of Revenue, Lower Provinces, No. 61T.G., dated the 16th June 1891.

Letter from the Postmaster-General, Bengal, No. $\frac{4\text{-}171}{\text{JD—No 1}}$, dated the 12th March 1892, and enclosure.

Letter from the Postmaster-General, Bengal, No. 681, dated the 5th April 1892.

The Government has had under consideration the question of substituting a fixed annual payment for the variable charge on account of the district post

now devolving on zamindars under Act VIII (B.C.) of 1862, for the purpose of maintaining communications between police officers, police-stations, and District and Sub-divisional Magistrates. The proposal emanated from the British Indian Association in April 1890, and the Postmaster-General, Bengal, was asked to report on it.

2. Mr. Colvin, with his letter of the 14th May 1891, submitted in reply a note reviewing the whole zamindari dák system, and suggested among other things the fixing of the cess for a period of ten years, and the amalgamation of it for collection purposes with the land revenue. The Lieutenant-Governor was favourably inclined towards the first proposal; but as it was probable that the effect of it would be that, if any additional zamindari dák lines were required to be opened in any district, there would be no money available for the purpose, except that set free by the Imperial post taking over any existing lines, His Honour deemed it necessary that the matter should be carefully considered before the Government accepted existing facts for a term of years. The Postmaster-General was accordingly asked to report whether any such extensions (of zamindari dák lines) were urgently wanted; whether there were any definite advantages, or the contrary, in fixing the cess for a term of years; whether its present variability caused serious inconvenience; whether it was true that zamindars fail to pay the cess and come under the punitive clause of section 9 of the Act through not knowing what they have to pay when the rate is raised; what steps should be taken to make the rate known to the zamindars; whether any establishment of peons was maintained for the purpose of notifying the rate; and if so, whether the cost of the same could be saved by the fixation of the rate for a term of years.

3. Zamindars are now, by rule 3 of the Revenue Money-Order Rules (section XIV, chapter IV of the Board's Miscellaneous Rules, 1888), able to pay their land revenue, road and public works cesses, and zamindari dâk cess, in one revenue money-order form, distinguishing what is meant for the cess and costs and interest in each case; and, *primâ facie*, there seems to the Lieutenant-Governor to be no reason why they should not be required to do so; but before issuing orders to this effect, he has deemed it necessary to ascertain from the Divisional Commissioners and District Officers, through the Board of Revenue, whether the proposal is feasible, and if not, what would prevent its being carried out. His Honour considers that it is wasteful to have one tauzi-navis keeping a list of all estates, showing the land revenue due from each, the kists when due, and the payments for the same; and another clerk keeping a list of all estates paying above Rs. 50, showing the zamindari dák cess due, its kists, and its payments. In addition to the economy that could thus be effected, there would be some saving in the cost of the peons who are separately maintained for issuing notices of default and collecting these payments.

4. The Lieutenant-Governor has since ascertained that in the 24-Parganas (*a*) the zamindari dák cess stands at 8 annas per cent. of the land revenue, and has been unchanged for three years; (*b*) that there are two kists, the 1st June and 1st December, but (*c*) that the bakijai is made out only once a year for the December kist—not for the June kist; (*d*) that a penalty is imposed theoretically only when a certificate issues—practically not at all; and (*e*) that the tauzi register is an unauthorized (though useful) form invented by a Deputy Collector. In the Howrah district the rate has been changed annually, having been 15 annas in 1889, Re. 1 in 1890, 12 annas in 1891, and Re. 1-1 in 1892. There is one kist due on 1st January, and if the cess is unpaid in that month, the penalty is added to the amount unpaid. Nothing more is done till the end of the calendar year, when an arrear list is sent to the Collector of Hooghly, and certificates are issued. In the Cuttack district the rate has varied annually, ranging between Re. 0-9-5·59 and Re. 1-0-9·38, the calculation being made to two decimals of pies. Last year the list of estates liable to the cess was revised and a considerable number struck off, having been reduced by batwara below Rs. 50 land revenue. These instances, His Honour considers, are sufficient to show how irregularly the working of the cess is carried on, and it seems to him that it would be well for Government to try to introduce uniformity in all these details.

5. The reply of the Postmaster-General, Bengal, to the Government letter of the 16th June 1891, in which he was asked to report on the question of keeping the rate of the zamindari dák cess unchanged from year to year, has been received and considered: the statement furnished by him shows that practically no changes in the zamindari dák lines or expenditure are anticipated in the next year, and His Honour is satisfied that the cess should be fixed for at least five years, beginning from January 1893. The Board of Revenue should determine at once, in consultation with all Collectors, what the rate should be. It should be in tolerably round figures, if possible, such as eight annas, twelve annas, one rupee, one rupee four annas, and so on: and in any case there should be no pies and no decimals. Estates which pay less than Rs. 50 as land revenue in consequence of batwara should not be exempted under section 8 of the Act from payment of the cess.

6. The kist should be a single one only, and its date should agree with the date of one of the land revenue kists, probably the largest one of the year. The Board, in reporting what the rate of the cess should be, should also recommend, in consultation with the Collectors, the kist with which the cess should be collected. The arrear list should be made up (in a prescribed form) as nearly as possible 30 days after the kist, and the penalty under section 9 of the Act should then be added.

7. Although Act VIII (B.C.) of 1862 places the zamindari dák cess under the Magistrate, the Lieutenant-Governor thinks it had better be dealt with, as far as the demand and collections are concerned, in the Collector's office. Under sections 3, 5, 7 and 8 of the Act, Government can appoint the Collector to be "such other officer" in the place of the Magistrate.

8. The question whether it is possible to keep the accounts of the cess in the same tauzi ledger as the land revenue and road cess is under consideration by Mr. W. C. Macpherson, who has been appointed to report on reforms of the tauzi procedure generally. If this is not found possible, a form of tauzi ledger for the dák cess must be devised and prescribed.

9. A statement of the demands and collections on account of the zamindari dák, and also a return showing the expenditure and balance, should be attached to the Board's Annual Report on the Land Revenue Administration in future, and the necessary paragraphs summing up the facts, should be included in the Report. The cess is not of sufficient importance to be treated in a separate report like the Road Cess. Appended is a statement extracted from the return submitted by the Postmaster-General, Bengal, showing the demands, collections, and arrears, and also the expenditure on account of the District Post. From this statement it appears that there are very large arrears outstanding in some districts, and steps should be taken to reduce the amounts. The Lieutenant-Governor desires that the figures may be verified by the Collectors and the Accountant-General, Bengal.

ORDER—Ordered that a copy of this Resolution be forwarded for information to—

(a) The Postmaster-General, Bengal.
(b) The Secretary to the Board of Revenue, Lower Provinces.
(c) The Commissioners of Divisions.
(d) The District Officers.
(e) The Accountant-General, Bengal.
(f) W. C. Macpherson, Esq., C.S., on special duty.

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,

Secretary to the Government of Bengal.

Statement showing zamindari dák receipts and charges for the year 1890-91.

District.	Land Revenue of the district.	Zamindari Dák Cess.				The percentage of column 3 on column 2, *i.e.*, of demand on revenue.	Cost of Zamindari Dák in each district.						
		Demand.	Collections.	Fines realised under section 9 of the Act.	Balance.		Cost of collection.		Cost of runners (including overseers.)	Cost of delivery.	Cost of Post Office establishments.	Other expenditure.	Total.
							Cost of head-quarters establishments for accounts.	Cost of process-serving and other collecting establishments.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs.	Rs.	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Faridpur ...	4,30,632	8,627 0 0	8,595 0 0	1,072 0 0	4,294 0 0	2·0	1,175 0 0	......	7,534	......	778 0 0	1,517 14 4	11,004 14 5
Backergunge ...	12,30,590	16,917 10 4	17,557 12 0	603 5 0	19,803 2 8	1·3	1,012 0 0	900	13,903	......	1,236 0 0	841 3 5	17,891 3 0
Rajshahi ...	8,92,660	8,796 0 0	8,261 0 0	848 0 0	1,383 0 0	1·0	882 0 0	275	6,000	......	2,586 0 0	1,723 8 0	11,466 8 0
Pabna ...	3,59,378	8,393 2 0	8,807 5 0	307 2 0	2,866 2 11	2·3	676 0 0	700	5,748	......	1,305 0 0	1,439 12 0	9,928 12 4
Murshidabad ...	10,12,760	6,266 0 0	5,653 0 0	623 0 0	603 0 0	0·6	677 0 0	100	4,008	......	1,020 0 0	619 10 4	6,424 10 0
Malda ...	4,00,153	9,608 13 8	7,077 6 11½	247 14 11	720 11 3	2·4	1,188 0 0	144	3,918	......	1,272 0 0	930 8 0	7,452 8 0
Birbhum ...	9,93,520	8,208 5 4	3,375 11 2	78 10 11	26 10 0	·3	817 8 0	......	2,400	......	72 0 0	784 8 0	4,074 0 4
Burdwan ...	30,44,480	5,614 13 9	6,527 10 2	320 4 8	351 14 6	·1	480 0 0	......	4,416	......	390 0 0	428 10 4	5,714 10 4
Bankura ...	4,53,931	6,809 0 0	6,018 0 0	384 0 0	191 0 0	1·5	696 0 0	......	4,812	......	414 0 0	411 2 4	6,333 2 0
Cuttack ...	8,83,208	10,244 13 2	8,894 15 0	152 10 4½	1,349 13 8	1·1	846 0 0	300	5,772	......	864 0 0	870 6 0	8,652 8 0
Puri ...	2,33,269	3,908 4 8	3,788 13 7	110 7 8½	109 7 1½	1·0	......	......	2,844	......	1,296 0 0	566 4 0	4,706 4 0
Hazáribágh ...	1,24,998	5,980 13 3	6,044 4 11	465 12 10	6 8 7	4·7	496 0 0	80	4,824	......	645 0 0	424 0 0	6,469 0 3
Singhbhum ...	68,729	1,830 3 7	1,830 3 7	......	......	2·6	......	......	1,880	......	167 0 0	155 10 3	2,202 10 0
Lohardaga ...	1,01,853	10,825 0 0	8,460 0 0	......	2,365 0 0	10·6	480 0 0	......	6,204	......	1,590 0 0	553 8 0	8,827 8 3
Manbhum ...	80,664	7,686 4 1	7,526 0 1	8 9 0	168 13 0	9·5	280 0 0	......	4,257	......	1,852 0 0	875 14 3	7,264 14 0
Howrah ...	4,33,758	4,337 9 3	4,032 5 0½	478 7 3½	783 11 6	1·0	614 0 0	......	2,889	......	1,650 0 0	590 0 0	5,143 0 0
Hooghly ...	13,44,946	3,990 13 9	3,998 4 5	863 13 11	790 13 11	·2	580 0 0	500	4,590	......	966 0 0	725 4 0	7,361 4 0
Jalpaiguri ...	4,44,610	3,816 9 11	3,526 7 1	1 3 2	290 2 10	·8	546 0 0	20	2,460	......	642 0 0	374 0 0	4,042 0 4
Dinajpur ...	15,44,404	9,652 8 5	9,500 11 11	99 0 0	151 12 6	·6	717 0 0	......	8,196	......	998 0 0	562 2 4	10,471 2 4
Midnapore ...	20,97,898	13,714 0 0	13,117 0 0	48 4 0	597 0 0	·6	445 4 0	482	11,102	......	1,938 0 0	1,032 14 4	14,950 2 0
Balasore ...	3,69,570	4,783 0 0	5,821 0 0	430 0 0	430 0 0	1·2	480 0 0	250	3,798	......	90 0 0	427 0 0	5,045 0 4
Nadia ...	8,86,319	5,435 5 3	5,604 0 3	165 15 5	17 14 6	·6	735 0 0	200	3,198	......	1,470 0 0	816 2 4	6,425 2 4
Jessore ...	7,76,495	8,507 0 0	8,134 0 0	500 0 0	373 0 0	1·0	1,217 0 0	......	4,728	......	1,224 0 0	1,292 2 4	8,461 2 0
24-Parganas ...	16,01,939	8,755 0 0	7,182 0 0	140 0 0	555 0 0	·4	1,113 0 0	300	3,780	......	1,680 0 0	919 0 0	7,792 0 0
Khulna ...	6,02,420	8,095 0 0	7,936 0 0	1,346 8 6	3,759 14 6	1·3	1,044 0 0	200	5,406	......	1,074 0 0	745 12 0	8,469 12 0
Rangpur ...	10,19,501	9,955 5 2	10,316 12 4	302 9 6	276 14 10	1·0	848 0 0	......	7,026	......	1,740 0 0	738 2 0	10,352 2 0
Bogra ...	5,23,401	4,503 5 5½	5,208 5 11	391 14 6	430 7 6	·8	924 0 0	100	8,138	......	1,404 0 0	896 6 0	6,462 6 0
Shahabad ...	16,62,237	9,334 0 0	11,351 0 0	976 0 0	4,576 0 0	·5	840 0 0	360	6,360	......	1,674 0 0	1,311 0 0	10,645 0 0
Saran ...	11,77,922	8,850 0 0	6,940 0 0	2,657 0 0	4,558 0 0	·7	782 0 0	696	7,100	......	2,516 0 0	2,512 0 0	13,600 0 4
Bhágalpur ...	5,05,332	12,047 5 1	11,470 7 7	189 2 3	576 13 6	2·3	686 0 0	600	8,244	......	2,182 8 0	1,007 2 4	12,719 10 4
Monghyr ...	7,65,617	6,978 5 5	5,928 2 4	......	1,050 3 1	·9	938 0 0	690	4,320	......	906 0 0	682 0 0	7,536 0 0
Darbhanga ...	7,87,292	8,456 0 0	6,286 15 3	850 0 0	3,019 6 3	1·0	1,080 0 0	400	3,780	......	2,364 0 0	974 6 4	8,598 6 4
Muzaffarpur ...	9,62,682	12,760 0 0	8,637 0 0	1,094 0 0	4,123 0 0	1·3	1,348 0 0	500	5,412	......	2,442 0 0	1,368 2 4	11,110 2 4
Champaran ...	5,05,332	8,841 6 10	8,030 9 11	740 0 3	810 12 11	1·7	476 0 0	......	3,684	......	2,754 0 0	1,013 6 4	7,927 6 4
Patna ...	14,30,329	9,747 10 4	5,635 10 10	601 5 2	601 5 2	·6	1,224 0 0	2,500	3,912	......	708 0 0	1,313 10 4	9,747 10 4
Gaya ...	13,02,181	13,576 7 10	11,759 13 1	133 4 4	1,816 10 9	1·0	790 0 0	210	9,288	......	1,728 0 0	1,755 10 4	13,771 10 4
Purnea ...	11,45,627	8,630 5 6	8,337 6 9	242 14 9	242 14 9	·7	802 0 0	240	6,480	......	1,800 0 0	899 2 4	10,371 2 4
Sonthal Parganas.	1,22,549	4,191 8 7	3,399 0 9	743 1 7	792 7 10	8·4	753 0 0	......	2,820	......	474 0 0	540 0 0	4,587 0 0
Dacca ...	4,94,294	14,727 0 0	13,261 0 0	1,368 0 0	1,466 0 0	2·9	1,350 0 0	300	5,463	......	1,377 0 0	1,275 8 0	9,765 8 0
Mymensingh ...	7,56,182	22,026 0 0	23,622 7 5	1,928 15 3	7,378 1 2	2·9	1,568 0 0	......	13,665	......	3,276 0 0	3,516 13 0	22,025 13 0
Noakhali ...	6,23,022	6,724 0 0	6,619 0 0	268 0 0	105 0 0	1·0	960 0 0	......	5,034	......	862 8 0	618 8 0	7,775 0 0
Tippera ...	10,38,733	9,402 11 5	10,157 12 10	635 3 0	864 9 10	·9	1,566 0 0	......	6,276	......	618 0 0	1,305 0 0	9,765 0 0
Chittagong ...	9,44,054	8,484 5 6	7,564 1 1	1,303 6 8	920 4 5	·8	761 0 0	120	6,534	......	1,392 0 0	1,056 1 4	9,803 1 4
Total ...	3,61,85,581	3,58,278 15 6½	3,32,475 9 8½	24,120 14 11½	75,677 9 5½	1·0	34,992 12 0	11,177	2,37,202	......	56,961 0 0	42,709 13 3	3,83,042 9 3

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 23rd April 1892.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.			
BURDWAN DIVN.			
1	Burdwan April 23, '92 Kalna ... Katwa ... Raniganj ...	1·58 3·20 Nil Nil	Weather—hot with strong winds. Rain has done good in Sadar and Kalna subdivisions, and ploughing has begun. More rain badly needed. Prices of rice :— Srs. Sadar ... ... 12 to 14 } Kalna ... ... 10 to 13½ } per rupee. Katwa ... ... 12½ } Raniganj ... ... 13 }
2	Bankura „ 23, '92 Vishnupur ...	0·29 1·18	Weather—again becoming very hot. Rain fell on the 18th and 21st. The fall was very small at the Sadar station. More rain wanted for ploughing. Cultivation of sugarcane going on in all parts of the district. Health of cattle fair. Supply of fodder and water insufficient. Common rice selling at 15 seers per rupee at Bankura and 14 seers at Vishnupur market.
3	Birbhum „ 23, '92 Rampur Hát ...	Nil 0·93	Weather—cloudy at night and in the morning. High winds everywhere. Slight rain on the north and east. Fodder supplies low and water rather scarce. Cattle growing thin. Price of rice remains as before, 13 to 16 seers per rupee.
4	Midnapore „ 23, '92	0·80	Some rain this week has caused a great improvement in the appearance of the country. Since the rain, crops doing well. Grass springing up. Indigo doing well. Fodder sufficient. Prices of common rice :— Srs. Sadar ... ... 13 } Contai ... ... 14 } per rupee. Tamluk ... ... 11½ } Ghatál ... ... 14 }
5	Hooghly „ 23, '92 Serampore ... Jahánabad ...	0·13 1·21 0·96	Weather—slightly cooler, much wind, and two or three showers generally distributed. The slight rain that has fallen was insufficient for agricultural purposes. More rain is urgently needed. *Aus* cultivation delayed. Water-supply failing. Fodder-supply sufficient. Prices of common rice :— Srs. Ch. Sadar ... ... 10 0 } Jahánabad ... ... 13 5 } per rupee. Serampore ... ... 11 10 }
6	Howrah „ 23, '92 Ulubaria ...	0·03 0·57	Weather—cloudy and warm. Strong breeze from the south. Cool at night. Recent rain has done some good to standing crops. Ploughing going on. Condition of cattle good. Fodder and water-supply sufficient. Price of rice 11 to 13 seers per rupee.
PRESIDENCY DIVN.			
7	24-Parganas „ 26, '92	Nil	Weather—warm. Strong south wind blowing. Clouds about. Agricultural prospects unchanged. Rain urgently needed all over the district both for cultivation and for supply of drinking water. No cattle-disease prevalent. Supply of fodder sufficient. Common rice is being sold at from 10 to 12½ seers per rupee.
8	Nadia „ 23, '92 Kushtia ... Meherpur ... Ranaghat ...	2·20 1·53 Nil 2·20	Weather—hot with strong breeze from south. The rain that fell during the week in Sadar, Kushtia, and Ranaghat subdivisions has done much good. Ploughing and sowing operations going on briskly. Common rice sells at from 10 seers 10 chitaks to 13 seers 5 chitaks per rupee. Cattle-disease reported from Nadia outpost. Fodder sufficient.
9	Khulna „ 23, '92 Bágerhat ... Satkhira ...	0·28 Nil 2·32	Weather—hot; occasionally cloudy with high winds. The rain which has fallen in Satkhira has done much good, but more rain is wanted everywhere in the district. Ploughing for *aus* and *áman* in progress. *Boro* harvest going on; outturn estimated at eight annas. Common rice selling at from 12 to 15 seers per rupee. Fodder sufficient, but want of drinking water still felt in many parts of the district.
10	Jessore „ 23, '92 Jhenida ... Magura ... Narail ... Bangaon ...	1·89 2·80 0·35 3·36 1·40	Weather—hot and cloudy with high wind and occasional rain. Ploughing has commenced owing to recent rainfall. No want of fodder. Drinking water still insufficient. Price of rice stationary.
11	Murshidabad „ 23, '92	Nil	Weather—hot with strong east winds. Harvesting of *rabi* crops completed. No want of fodder. Condition of cattle generally good. Coarse rice sells at 12 seers per rupee.
CHITTAGONG DIVN.			
12	Chittagong „ 23, '92	4·86	Weather—seasonable. Prices steady. Condition of cattle generally good. Supply of fodder sufficient.
13	Noakhali „ 23, '92 Fenny ...	4·51 4·77	Weather—hot and close, with occasional rain. Recent rain has considerably improved agricultural prospects. *Aus* sowings vigorously going on. Fodder and water now sufficient. No cattle-disease excepting in Chhagalnaya. Prices steady.
14	Tippera „ 23, '92	6·20	Weather—hot, with heavy storms of wind and rain. Ploughing for paddy and jute progressing. Recent rain has improved prospects, but temporarily checked sowing of *aus, áman*, and jute. Cattle-disease prevalent in various parts of the district. Prices stationary.
15	Chittagong Hill Tracts. „ 22, '92	2·56	Weather—cloudy, with occasional showers of rain during the latter part of the week. Sowing in *jums* commenced. Rainfall during the week has done much good to tobacco and vegetable crops. Cattle-disease still prevailing. Common rice being sold at 10 seers per rupee.

No	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—*concld.*			
Dacca Divn.			
16	Dacca April 23, '92	0·63	Weather—hot and cloudy. Harvesting of *boro* paddy and *cheena* continues Early rice and jute being sown. Recent rain has done much good to standing crops. Fodder available. Condition of cattle fairly good. Common rice selling at from 12 to 16 seers per rupee.
17	Faridpur „ 23, '92	0·88	Weather—cooler at the beginning of the week, but strong south-west winds are blowing now, and it is very hot. Rain has done a great deal of good, but more is wanted. Rice selling at 14 seers per rupee in Madaripur and 13 seers at Sadar. A few cases of cattle-disease reported from Goalundo, but not increasing. There is plenty of fodder yet.
18	Backergunge „ 23, '92	0·28	Weather—hot and cloudy with high winds. State and prospects of crops unsatisfactory. Rain much wanted. Ordinary rice sells at from 10 to 14 seers per rupee. Fodder sufficient. Good drinking water scarce.
19	Mymensingh „ 23, '92	2·64	Rain and storm with high wind. Prospects of *boro* rice and other standing crops fair. Common rice sells at 12¾ to 16 seers per rupee. Supply of water and fodder sufficient. Condition of cattle good.
Rajshahi Divn.			
20	Dinajpur „ 23, '92 Thakurgaon ...	0·73 0·59	Weather—hot; mornings still cool and cloudy. Prospects continue unchanged. Sowing of *bhadoi*, jute, and sugarcane going on. Price of rice at Sadar 11 seers per rupee and at Thakurgaon 12 seers. Condition of cattle good. Supply of fodder and drinking water fair.
21	Rajshahi „ 23, '92 Nator .. Nowgong ...	0·20 1·2 1·63	Weather—seasonable. Sowing of *aus*, *âman*, and jute progressing satisfactorily. *Boro* paddy also doing well. Rain has done much good to cultivation, but more wanted. Cattle are free from disease; fodder and drinking water sufficient. Price of rice 11¾ seers per rupee.
22	Rangpur „ 23, '92 Gaibanda ... Nilphamari ... Kurigaon ...	4·40 0·93 2·53 5·25	Weather—sultry. Prospects of *aus* and jute favourable. Fine weather needed for weeding. Price of common rice varies from 10 to 13 seers per rupee. Fodder and water sufficient.
23	Bogra „ 23, '92 Sherpur ... Naukhila ...	1·46 4·30 2·50	Weather—cloudy and cool in the early part of the week: latterly fine and very hot. State and prospects of all crops good. Fine weather now desirable; else the weeds which have already grown will do much harm. There is plenty of fodder and water. Common rice selling on the average at 13 seers per rupee.
24	Pabna „ 23, '92	0·70	Weather—cloudy with strong winds in the afternoon. Recent heavy showers have improved agricultural prospects and benefited standing crops. Common rice selling at 13 seers per rupee. Water and fodder sufficient everywhere except at Dulai.
25	Darjeeling „ 23, '92	3·04	Weather—fair. Jute and *bhadoi* are being sown. Wheat and barley being harvested. Potatoes and *fafar* coming up fairly. Rain has done much good to crops and fodder, and has increased water-supply. Cattle-disease in some parts of the hills.
26	Jalpaiguri „ 23, '92	1·09	Weather—hot. Sowing of *bhadoi* and jute progressing rapidly. Rain has improved prospects. Price of common rice varies from 9 to 11½ seers per rupee. Fodder and water-supply sufficient. No cattle-disease.
BIHAR.			
Bhágalpur Divn.			
27	Monghyr „ 23, '92 Begusarai ... Jamui ...	Nil 1·43 0·50	Weather—cool with east wind till Friday (22nd), since when hot with west wind. There was rain in Begusarai on the 16th, which set ploughing agoing. Crops on the ground doing well. Outturn of *mahua* only 6 annas and the mango crop only a 4-anna one. Coarse rice selling at 11 seers per rupee. Condition of cattle good; fodder sufficient. Water getting scarce.
28	Bhágalpur „ 23, '92 Banka ... Madhipura ... Supaul ...	Nil 0·30 1·30 0·74	Weather—early part of week cool, now hot again. The rainfall since 15th appears to have been fairly general over North Bhágalpur, but was lightest in the north-east. It has started ploughing on even the heavier soils; has enabled raiyats to sow a little early rice on high lands and to sow rice and a little *marua* in seed beds. The low land rice and *mung* previously sown have been much improved. In the south ploughing is in progress for *bhadoi* crops, but heavier rain is wanted for general cultivation. Sugarcane doing well. *Cheena* being harvested with 10 annas outturn. Cattle healthy. Fodder sufficient; water low.
29	Purnea „ 23, '92 Kishanganj ... Araria ...	0·61 0·25 1·46	There has again been good rain. The weather is now clear and hot. Sowing of *bhadoi* and jute and in some parts *aghani* continues. Sugarcane in Kishanganj doing well, and in Araria *cheena*, *kauni* and *mung* likely to be a full crop. No cattle-disease. Fodder and water sufficient. Prices of common rice :— Srs. Sadar ... ... 11 to 12 } per rupee. Kishanganj ... ... 11 } Araria ... ... Figures not furnished.
30	Malda „ 23, '92 Chanchal ... Shibganj ... Gajol ...	0·90 0·95 0·80 1·59	Weather—cool during the first three days of the week: latterly hot and oppressive. Condition of *boro* rice continues satisfactory. Sowing of *bhadoi* paddy in full progress. In Kaliachak mangoes have been a little damaged by hailstones. Price of ordinary rice varies from 11 to 13 seers per rupee. Supply of fodder and water sufficient.
31	Sonthal Parganas „ 23, '92	Nil	Slight rain everywhere, but not enough. Weather very hot in the day. In Dumka, Jamtara, Deoghur, and Godda subdivisions rain badly wanted; tanks drying; many wells dry and water-supply short. Fodder still available. Sugarcane doing well. Mangoes have suffered from late storm everywhere. Ploughing going on in Pakur, and *boro* paddy coming out in Rajmahal. Price of rice varies from 11 to 13 seers per rupee.

Division	No.	District and date of return		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BIHAR—*concld.*					
PATNA DIVISION.	32	Patna	April 23, '92	Nil	Weather—hot. Threshing and winnowing of *rabi* in progress. *Cheena* and sugarcane being irrigated. Land being prepared for *bhadoi* crops. Common rice selling at 11 to 12 seers per rupee. No distress.
	33	Gaya Jahánabad Nawáda Aurangabad	„ 23, '92	Nil Nil Nil Nil	Weather—east wind during early part of week; high west wind latterly. Only sugarcane on the ground. It is being irrigated. Prices of food-grains rising somewhat. Supply of fodder and water getting scanty.
	34	Shahabad Buxar Bhabhua Sasarám	„ 23, '92	Nil Nil Nil Nil	Weather—seasonable. Wind has veered round to west and duststorms frequent. Sugarcane has been extensively planted out. Some damage is being done by white-ants. *Cheena* ripening. Duststorms have injured *mahua* and *mango* crops. Prices rising in west of district.
	35	Darbhanga Madhbani	„ 23, '92 ...	Nil 0·52	Weather—cool. Duststorms with some rain in places early in the week; later on getting hot again. Some rain has fallen as local showers, and the east of the district had a pretty heavy fall which rendered roads muddy. This has done good and stimulated cultivation of lands for *cheena* and *bhadoi* crops. Fodder still procurable but scanty; water scarce in places. Prices rising a little in spite of rain.
	36	Muzaffarpur Hajipur Sitamarhi	„ 23, '92	Nil Nil 1·16	Weather—hot with easterly winds and duststorms. A fall of 1¼ inches rain reported on 22nd at Sitamarhi. Elsewhere rain much wanted. Food-supply still sufficient, but prices continue tight.
	37	Saran Siwán Gopaljanj	„ 23, '92	Nil Nil 0·15	Weather—hot and seasonable with occasional west winds. Sugarcane pressing over. The shower in Gopalganj has done a deal of good to indigo and *cheena*. Rain wanted in other places. Fodder and water sufficient. Prices of common rice:— Chapra ... ... Srs. 11 Ch. 13 per rupee. Siwán ... ... Srs. 12 Ch. 8 per rupee. Gopalganj ... ... Srs. 13 Ch. 0 per rupee.
	38	Champaran	„ 23, '92	0·16	Weather—hot with east wind. *Rabi* harvest almost completed. Opium weighments in progress. Recent rain much beneficial to indigo. *Kado, arhar, dhan, marua, cheena, sawan, mung*, &c., are still being sown, and *dhan* is germinating in some places. Fodder and water sufficient. Prices slightly rising owing to exportation.
ORISSA.					
ORISSA DIVN.	39	Cuttack	„ 23, '92	0·02	Weather—hot and dry. Slight rain fell in parts, but quite insufficient. Fodder-supply scarce in places. Price of common rice stationary.
	40	Puri Banpur	„ 21, '92 ...	Nil 0·02	Weather—seasonable. Rain wanted. *Dalua* paddy being harvested. Miscellaneous crops doing well. Common rice selling at from 9 to 15 seers per rupee.
	41	Balasore	„ 23, '92	Nil	Weather—strong winds from the south. A few small local showers in parts of the district, but rain urgently needed for cultivation and for supply of drinking water. Rice sells at 14 seers per rupee at Sadar and 16 seers at Bhadrak.
CHOTA NAGPUR.					
South-West Frontier Agency.					
CHOTA NAGPUR DIVN.	42	Hazáribágh Giridi	April 23, '92 ...	Nil Nil	Weather—very hot. Mango damaged by excessive heat. Rain wanted for sugarcane, for ploughing operations and for replenishing the water-supply. Common rice selling at from 12 to 14 seers per rupee. Fodder and water generally sufficient.
	43	Lohardaga	„ 23, '92	Nil	Weather—hot. No crop on the ground. Common rice selling at 13 seers per rupee. Fodder sufficient, but its price is rising daily.
	44	Palámau	„ 22, '92	Nil	Weather—hot. Sugarcane doing well but wants rain. Gathering of *mahua* almost finished, and outturn will be about 12 annas, as some damage has been done to it by the west wind. Price of common rice stationary. Supply of water and fodder scanty.
	45	Singhbhum	„ 23, '92	0·07	Rain throughout the district in the early part of the week. Weather intensely hot. No change in prospects of mango and *mahua* crops. Land is being ploughed everywhere. Price of rice has risen in Chaibassa to 14 seers per rupee; elsewhere it is stationary. No cattle-disease. Fodder and water still sufficient.
	46	Manbhum Gobindpur	„ 23, '92 ...	0·17 0·26	Weather—very hot. More rain very urgently wanted. Rice sells at 14 seers per rupee on the average. Fodder and water-supplies have diminished very considerably.

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 26th April, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS. Air pressure. Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Wind. Prevailing direction.	Mean wind velocity.	Temperature. Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Puri	Puri ...	29·733	29·682	—	SW	562	80·7	18th Apl.	77·6	17th Apl.	87·4	80·0	83·7	—	83·7
		Gopalpore ...	29·715	29·676	—·078	SSW	686	88·7	18th ,,	73·8	18th ,,	88·1	78·2	83·2	+1·9	82·4
		False Point ...	29·739	29·702	—·085	SW	507	90·0	17th ,,	78·2	17 & 20 ,,	89·3	80·3	84·8	+0·5	84·9
	Cuttack	Cuttack ...	29·649	29·671	—·097	SW	206	105·4	21st ,,	79·0	17th ,,	102·8	81·3	92·1	+1·9	86·1
	Balasore	Balasore ...	29·651	29·652	—·117	SSW	306	104·5	22nd ,,	72·8	17th ,,	102·2	79·9	91·1	+4·2	85·4
South-West Bengal.	South-West Midnapore, South 24-Parganas ...	Saugor Island	29·705	29·674	—·106	SW	689	91·2	17, 21 & 23rd. ,,	80·0	19th ,,	90·7	81·9	86·3	+1·1	84·6
	Midnapore	Midnapore ...	29·533	29·647	—·113	S	351	104·4	19 & 23 ,,	69·2	19th ,,	101·2	77·4	89·3	—1·7	85·1
	24-Parganas, Howrah, Hooghly ...	Calcutta ...	29·694	29·661	—·110	SSW	291	95·6	19th ,,	73·7	19 & 21 ,,	92·2	78·1	85·2	—0·7	84·1
	Burdwan	Burdwan ...	29·611	29·657	—·103	SW	185	103 7	23rd ,,	74·4	17th ,,	99·3	78·3	88·8	+0·6	83·0
	Bankura	Bankura ...	29 372	29·617	—·117	S	128	110·1	23rd ,,	74 6	17 & 21 ,,	101·9	77·9	89·9	?	83 0
	Birbhum, West Burdwan ...	Raniganj* ...	29·366	29·657	—·111	Variable	109	111·1	23rd ,,	73·9	17th ,,	101·9	78·2	90 1	—0·1	83·2
	Murshidabad	Berhampore ..	29·634	29·649	—·113	Variable	154	105·7	23rd ,,	72·3	18th ,,	96 1	76 8	86·5	—1·3	79·2
	Nadia	Krishnagar ...	29·652	29 647	—·101	SEly	237	100·3	18th ,,	72·7	19th ,,	97 1	70·7	86·9	—0·8	82·7
	Jessore, Khulna ...	Jessore ...	29·688	29 668	—·115	SSE	131	97·2	18th ,,	69·0	18th ,,	94 7	74·3	84·5	—1·7	81·5
East Bengal.	Chittagong	Chittagong ...	29·733	29·767	—·072	SSE	200	90·2	17th ,,	68·1	19th ,,	88·1	74·7	81·4	+0·5	81·3
	Chittagong Hill Tracts	Demagiri ...						Observations not received.								
	Backergunge	Barisal ...	29·759	29·716	—·072	SSE & SSW.		92·3	17th Apl.	69·9	18th Apl.	90·9	77·0	84·0	+1·5	83·8
	Noakhali	Noakhali ...	29·738	29·728	—·094	S	203	89·5	17th ,,	66·4	18th ,,	88·2	75·2	81·7	—0·8	83·8
	Faridpur	Faridpur ...	29·709	29·696	—·102	SEly	·186	93·5	17 & 23 ,,	68·9	18th ,,	91·0	74·8	82·9	—2·0	79·7
	Dacca	Dacca ...	29 727	29·697	—·100	S	245	95·1	17th ,,	70·2	18th ,,	91·2	74·8	83·1	—0·4	80·2
	Tippera	Comilla ...	29·739	29 722	—·092	S	153	93·3	17th ,,	66·8	18th ,,	88·1	72·7	80·4	—1·9	80·1
	Mymensingh	Mymensingh*	29·602	29·704	—·089	ESE	209	92·5	23rd ,,	66·4	17th ,,	83·6	71·5	77·6	—5·0	75·5
North Bengal.	Bogra	Bogra ...	29·649	29·662	—·075	ESE	129	96·3	23rd ,,	66·2	19th ,,	88·3	71·8	80·1	—7·0	77·5
	Pabna	Sirajganj ...	29·687	29·683	—·097	SEly	116	96·2	23rd ,,	*62·8	17th ,,	88·5	71·5*	79·4*	—5·8*	77·9
	Rajshahi	Rampur Boalia.	29·641	29·660	—·094	Sly	172	96·8	23rd ,,	70·5	18th ,,	91·2	73·8*	82·5	—3·1	70·1
	Malda	Malda ...	29·615	29·646	—	SE	95	100·8	23rd ,,	67 3	18th ,,	89·4	73·0	81·2	—	78·3
	Dinajpur	Dinajpur ...	29·599	29·671	—·123	E	48	98 6	23rd ,,	69·2	19th ,,	86·7	72·9	79·8	—4·8	76·4
	Rangpur	Rangpur ...	29·620	29·698	—·082	E	48	94·6	23rd ,,	68·9	19th ,,	85·1	72·1	78·6	—3 0	76·0
	Jalpaiguri, Kuch Bihar ...	Jalpaiguri ...	29·444	29·682	—·098	SE	138	92 6	23rd ,,	70·1	18th ,,	87·7	71·7	79 7	—0·2	77·7
	Darjeeling Hill Tracts...	Darjeeling ...	22·882	—	—·106	WSW	179	62 6	23rd ,,	46·8	18th ,,	57·0	50·2	53·6	—2·2	54·1
North Bihar.	Purnea, North Bhágalpur ...	Purnea ...	29·593	29·673	—·088	ENE	?	99·3	23rd ,,	69·2	19th ,,	89·6	73·1	81·4	—3·2	78·3
	Muzaffarpur	Muzaffarpur	29·506	29·638	—	ESE	214*	102·7	23rd ,,	72·7	18th ,,	93·9	74·5	84·2	—	79·8
	Darbhanga	Darbhanga	29·542	29·662	—·095	ESE & ENE	176	101·0	23rd ,,	70·0	18th ,,	92·1	72·6	82·4	—2·7	80·0
	Champaran	Motihari ...	29·458	29·638	—·100	Ely	208	98·2	23rd ,,	70·8	18th ,,	95·8	73·7	84·7	+0·6	81·1
	Saran	Chapra ...	29·479	29·612	—·109	Ely	170	107 2	23rd ,,	72·6	18th ,,	99·4	76·0	87·7	+1·3	83·0
South Bihar.	Shahabad	Dehri* ...	29·298	29·598	—·133	ESE	206	110·4	23rd ,,	75·0	17th ,,	105·8	77·7	91·7	+3·2	85·5
		Buxar ...	29·414	29·605	—·130	E	205	106·9	23rd ,,	74·8	18th ,,	102·0	77·9	90·0	+1·8	85·5
		Arrah ...	29·464	29·603	—·116	Ely	121	109·2	23rd ,,	73·4	18th ,,	102 0	77·2	89·9*	+1·7*	84·1
	Gaya	Gaya ...	29 265	29 588	—·147	Variable	156	111·2	23rd ,,	75 8	18th ,,	105·5	80·6	93 1	+3·3	86·8
	Patna	Bankipore ...	29·488	29·620	—·122	E	204	106·1	23rd ,,	72·2	18th ,,	98·4	75·6	87·0	—0·7	83·3
	South Bhágalpur, Monghyr ...	Bhágalpur ...	29·515	29·628	—·110	Ely	104	106·8	23rd ,,	71·0	18th ,,	92·7	74·4	83·6	—2·1	79·5
	Sonthal Parganas ...	Dumka ...	29·189	29·633	—·107	SEly	240	100·2	23rd ,,	72·8	17 & 18 ,,	97·7	75·9	86·9	—3·0	81·3
Chota Nagpur.	Hazáribágh	Hazáribágh ...	27·684	29·602	—·125	SSW	277	105·9	23rd ,,	71·5	18th ,,	103·8	75·5	89·7	+3·8	83·9
	Lohardaga, Manbhum ...	Ranchi ...	27·581	29·603	—·109	SW	202	104·9	23rd ,,	73·4	19th ,,	103·0	75·3	89·2	+3·1	85·1
	Singhbhum	Chaibassa ...	28·916	29·610	—·114	SWly	56	110·3	22nd ,,	74·7	17th ,,	108·2	78·9	93·6	+2·5	87·4

* Mean of 6 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last

The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 23rd of April 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	Of week. Mean for district.	Of week. Normal mean.	District observations. Rainfall. Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 1st April 1892. Mean for district.	Since 1st April 1892. Normal mean.	Since 1st April 1892. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
86	2·6	—	0·01	0·31	0·01	0·91	−0·90	0·01	0·91	−0·90	0·00	0·42	Puri ...	Puri	Orissa.
84	0	0·13											Gopalpore ...		
82	5·9	—											False Point ...		
70	4·6	0·02	0·02	0·31	0·05	0·95	−0·90	0·05	0·95	−0·90	0·00	0·51	Cuttack ..	Cuttack	
73	3·0	0·04	0·06	0·44	0·84	1·40	−0·56	0·84	1·40	−0·56	0·17	0·77	Balasore ...	Balasore	
81	7·6	—	0·02	0·74	0·46	1·51	−1·05	0·46	1·51	−1·05	0·00	0·86	Saugor Island ...	South-West Midnapore South 24-Parganas ...	South-West Bengal.
74	2·0	0·83	0·80	0·69	1·49	1·46	+0·03	1·49	1·46	+0·03	1·00	0·82	Midnapore ..	Midnapore	
76	5·6	0·06	0·53	0·77	1·44	1·56	−0·12	1·44	1·56	−0·12	0·90	1·10	Calcutta ..	24-Parganas ... Howrah .. ... Hooghly	
73	5·4	1·58	1·49	0·84	1·98	1·77	+0·21	1·98	1·77	+0·21	1·00	1·15	Burdwan ...	Burdwan	
79	4·3	0·29	0·19	0·38	0·86	0·99	−0·13	0·86	0·99	−0·13	0·50	0·59	Bankura ...	Bankura	
74	4·8	0·05	0·01	0·45	1·00	1·06	−0·06	1·00	1·06	0·06	0·00	0·78	Raniganj ...	Birbhum .. ... West Burdwan ...	
84	5·7	—	0·13	0·43	1·65	1·13	+0·52	1·65	1·13	+0·52	0·33	0·77	Berhampore ..	Murshidabad ...	
76	5·1	2·20	1·33	1·00	2·03	2·42	−0·39	2·03	2·42	−0·39	1·20	1·45	Krishnagar .	Nadia	
85	7·0	1·39	1·48	1·33	2·18	2·87	−0·69	2·18	2·87	−0·69	1·63	1·77	Jessore ...	Jessore .. .. Khulna	
87	7·9	3·89	2·20	1·04	2·44	2·25	+0·19	2·44	2·25	+0·19	2·50	1·41	Chittagong ..	Chittagong	East Bengal.
			3·08	1·06	3·26	2·77	+0·49	3·26	2·77	+0·49	5·00	1·65	Demagiri .	Chittagong Hill Tracts	
80	8·6	0·26	0·01	1·23	0·75	2·75	−2·00	0·75	2·75	−2·00	1·50	1·41	Barisál .	Backergunge	
79	2·7	4·51	4·38	1·39	5·39	3·60	+1·79	5·39	3·60	+1·79	4·00	1·38	Noakhali ..	Noakhali	
89	7·3	0·88	1·16	1·58	2·23	3·25	−1·02	2·23	3·25	−1·02	2·00	1·91	Faridpur	Faridpur	
84	8·3	0·83	1·59	1·81	2·14	3·93	−1·79	2·14	3·93	1·79	2·00	2·39	Dacca	Dacca	
84	4·7	7·05	5·12	1·47	7·40	4·13	+3·27	7·40	4·13	+3·27	3·75	1·82	Comilla .	Tippera	
89	7·9	2·64	2·91	1·51	4·34	3·28	+1·06	4·34	3·28	+1·06	3·40	3·07	Mymensingh	Mymensingh	
84	7·0	1·26	1·05	0·69	5·13	1·60	+3·53	5·13	1·60	+3·53	3·25	1·32	Bogra ...	Bogra	North Bengal.
88	8·7	1·14	0·87	1·16	3·24	2·46	+0·78	3·24	2·46	+0·78	2·00	1·63	Sirajganj ...	Pabna	
84	5·1	0·23	0·45	0·57	2·68	1·08	+1·60	2·68	1·08	+1·60	1·33	0·94	Rampur Boalia	Rajshahi	
86	5·0	0·90	0·68	0·19	2·56	0·77	+1·79	2·56	0·77	+1·79	2·00	0·31	Malda .	Malda	
86	9·9	0·83	0·72	0·55	2·89	0·94	+1·95	2·89	0·94	+1·95	1·60	0·77	Dinajpur	Dinajpur	
90	8·3	4·40	3·74	1·76	4·87	2·88	+1·99	4·87	2·88	+1·99	3·50	1·57	Rangpur ...	Rangpur	
86	1·9	0·97	1·48	2·10	3·13	3·68	−0·55	3·13	3·68	−0·55	2·60	2·50	Jalpaiguri ...	Jalpaiguri ... ... Kuch Bihar	
95	8·1	3·04	3·46	2·19	5·95	4·22	+1·73	5·95	4·22	+1·73	4·00	2·97	Darjeeling ..	Darjeeling Hill Tracts	
85	6·7	0·70	0·20	0·64	2·02	1·11	+0·91	2·02	1·11	+0·91	0·90	0·81	Purnea ..	Purnea ... ... North Bhágalpur ...	North Behar.
76	2·3	—	0·39	0·25	0·39	0·55	−0·16	0·39	0·55	−0·16	0·33	0·42	Muzaffarpur ..	Muzaffarpur	
76	2·6	—	0·16	0·28	0·30	0·55	−0·25	0·30	0·55	−0·25	0·33	0·58	Darbhanga .	Darbhanga	
69	3·4	0·16	0·14	0·29	0·14	0·62	−0·48	0·14	0·62	−0·48	0·50	0·35	Motihari	Champaran	
64	0	—	0·05	0·06	0·05	0·15	−0·10	0·05	0·15	−0·10	0·33	0·24	Chapra	Saran	
52	0	—											Dehri .	Shahabad	South Behar.
56	0·1	—	Nil	0·02	0·04	0·14	−0·10	0·04	0·14	−0·10	0·01	0·07	Buxar .		
59	0·7	—											Arrah ..		
65	0	—	Nil	0·08	Nil	0·20	−0·20	Nil	0·20	−0·20	0·00	0·12	Gaya	Gaya	
63	1·7	—	Nil	0·03	0·06	0·16	−0·10	0·06	0·16	−0·10	0·00	0·13	Bankipore ..	Patna	
81	4·4	—	Nil	0·14	0·73	0·44	+0·29	0·73	0·44	+0·29	0·00	0·25	Bhágalpur .	South Bhágalpur .. Monghyr	
74	2·0	—	0·05	0·23	0·71	0·65	+0·06	0·71	0·65	+0·06	0·17	0·51	Dumka ..	Sonthal Parganas ...	
53	0	—	Nil	0·07	Nil	0·22	−0·22	Nil	0·22	−0·22	0·00	0·13	Hazáribagh	Hazáribágh	Chota Nagpur.
48	0·4	—	Nil 0·09	0·06 0·16	0·05 0·29	0·32 0·61	−0·07 −0·32	0·05 0·29	0·32 0·61	−0·07 −0·32	0·00 0·00	0·21 0·42	Ranchi	Lohardaga ... ... Manbhum	
60	1·3	0·05	0·07	0·13	0·34	0·60	−0·26	0·34	0·60	−0·26	0·00	0·31	Chaibassa ...	Singbhum	

ten years. The variations are *negative* when the mean of the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean
past ten years. The means of the district are the numerical average of the rainfall return received in the district, i.e. from total rainfall at the subdivisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 23rd of April 1892.

Meteorological division.	District.	Station.	Rainfall. Sunday, 17th April.	Monday, 18th April.	Tuesday, 19th April.	Wednesday 20th April.	Thursday, 21st April.	Friday, 22nd April.	Saturday, 23rd April.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
ORISSA ...	Puri ...	Puri ...	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·58	Nil	0·58
		Khurda ...	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·63	Nil	0·63
		Banpur ...	......	0·02	......	......	......	......	......	Nil	0·02	0·17	0·02	0·51	0·02	0·51
		False Point ..	......	......	......	......	......	......	......	Nil	Nil	0·47	Nil	1·97	Nil	1·97
		Gop ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Satpara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pipli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Cuttack	Jagatsingpore	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·62	Nil	0·62
		Banki ...	......	......	......	......	......	......	......	Nil	Nil	0·15	0·04	0·26	0·04	0·26
		Cuttack ...	......	0·02	......	......	......	......	......	Nil	0·02	0·58	0·15	1·30	0·15	1·30
		Kendrapara ...	......	......	......	......	......	......	......	Nil	Nil	0·25	0·01	1·04	0·01	1·04
		Jajpur ...	0·07	......	......	......	......	......	......	Nil	0·07	0·32	0·07	1·53	0·07	1·53
		Dharmsala ...	......	......	......	......	......	......	......	Nil	Nil	?	0·18	?	0·18	?
		Salipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Balasore ..	*Akhyapada* ...	0·42	......	......	......	......	......	......	1	0·42	?	0·42	?	0·42	?
		Chandbali ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·94	Nil	0·94
		Bhadrak ...	0·09	......	......	......	......	......	......	Nil	0·09	0·34	4·59	1·66	4·59	1·66
		Sorah ...	0·25	......	......	......	......	......	......	1	0·25	0·48	0·25	1·48	0·25	1·48
		Balasore ...	0·04	......	......	......	......	......	......	Nil	0·04	0·70	0·04	2·16	0·04	2·16
		Jellasore ..	......	......	......	......	......	......	......	Nil	Nil	0·44	0·20	1·05	0·20	1·05
		Baripodah ...	......	......	......	......	......	......	......	Nil	Nil	0·43	Nil	1·08	Nil	1·08
SOUTH-WEST BENGAL.	Midnapore .	Contai ..	......	......	......	......	......	......	......	Nil	Nil	0·50	0·81	1·26	0·81	1·26
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	0·59	0·03	1·24	0·03	1·24
		Tamluk ...	......	0·04	......	......	0·95	......	......	1	0·99	0·72	1·53	1·33	1·53	1·33
		Midnapore ...	......	......	0·80	......	......	......	......	1	0·80	0·66	1·70	1·30	1·70	1·30
		Ghatál ...	......	0·61	......	......	......	......	......	1	0·61	0·68	1·25	1·73	1·25	1·73
		Kukrahaty ...	......	......	......	0·08	......	......	......	Nil	0·08	?	0·56	?	0·56	?
		Garhbeta ...	......	......	0·50	......	......	......	......	1	0·50	?	0·75	?	0·75	?
	24-Parganas ...	Diamond Harbour ...	......	......	......	......	0·06	......	......	Nil	0·06	1·13	0·53	2·02	0·53	2·02
		Canning Town	......	0·02	......	......	1·65	......	......	1	1·67	?	1·95	?	1·95	?
		Alipore Jail ...	......	......	......	......	......	......	......	Nil	Nil	0·68	0·90	1·47	0·90	1·47
		Barrackpore...	......	......	0·11	......	......	......	......	1	0·11	0·84	0·90	1·47	0·90	1·47
		Dum-Dum ...	......	......	......	......	0·12	......	......	1	0·12	0·05	0·93	1·76	0·93	1·76
		Barasat ...	......	......	......	......	0·43	......	......	1	0·43	0·89	1·61	1·62	1·61	1·62
		Basirhat ...	......	......	2·06	......	0·64	......	......	2	2·70	1·13	3·35	1·75	3·35	1·75
	Howrah ...	Howrah ..	......	......	......	......	0·03	......	......	Nil	0·03	0·71	0·66	1·74	0·66	1·74
		Mohesreka ...	......	0·02	......	......	0·14	......	......	1	0·16	0·40	0·84	1·02	0·84	1·02
		Ulubaria ...	......	......	......	......	0·07	......	......	Nil	0·07	?	0·85	·	0·85	?
	Hooghly ...	Serampore ...	......	......	0·80	......	0·30	......	......	2	1·10	0·75	1·68	1·45	1·08	1·45
		Hooghly ...	......	......	0·08	......	0·05	......	......	Nil	0·13	0·63	2·56	1·64	2·56	1·64
		Jahánabad ..	......	......	0·53	......	......	......	......	1	0·53	0·74	0·96	1·73	0·96	1·73
	Burdwan ...	Kalna ..	......	......	1·95	......	0·95	......	......	2	2·90	1·02	3·25	2·05	3·25	2·05
		Burdwan ...	......	......	......	......	1·58	......	......	1	1·58	1·07	1·92	2·02	1·92	2·02
		Katwa ...	......	......	......	......	......	......	......	Nil	Nil	0·43	0·77	1·24	0·77	1·24
		Raniganj ...	0·05	......	......	......	......	......	......	Nil	0·05	0·54	1·94	1·15	1·94	1·15
		Mankur ...	......	......	......	......	......	......	......	Nil	Nil	?	0·18	?	0·18	?
	Bankura ...	Bankura ...	......	0·06	......	......	0·23	......	......	1	0·29	0·50	0·84	1·28	0·84	1·28
		Bishenpore ...	......	......	......	......	0·47	......	......	1	0·47	0·46	1·18	1·36	1·18	1·36
		Maliara ...	......	......	......	......	......	......	......	Nil	Nil	0·31	0·72	0·69	0·72	0·69
		Khatra ...	......	......	......	......	......	......	......	Nil	Nil	0·17	0·70	0·60	0·70	0·60
		Indas ...	......	......	......	......	0·69	......	......	1	0·69	?	1·79	?	1·79	?
		Kotalpore ...	......	0·14	......	......	......	......	......	1	0·14	?	0·88	?	0·88	?
		Anda ...	......	......	......	0·40	......	......	......	1	0·40	?	1·61	?	1·61	?
		Gangajalghati	......	......	......	......	......	......	......	Nil	Nil	?	0·36	?	0·36	?
		Raipore ...	......	......	......	......	......	......	......	Nil	Nil	?	1·05	?	1·05	?
		Sonamukhi ..	......	......	......	......	......	......	......	Nil	Nil	?	0·59	?	0·59	?
	Birbhum ...	Bh. Suri ...	......	......	......	......	......	......	......	Nil	Nil	0·51	0·40	1·00	0·40	1·00
		Hetampore ...	......	......	......	......	......	......	......	Nil	Nil	0·16	0·05	0·73	0·05	0·73
		Rampur Hát...	......	......	......	......	......	......	......	Nil	Nil	0·59	1·62	1·32	1·62	1·32
		Bolpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Murari ...	......	......	......	......	0·17	......	......	1	0·17	?	1·42	?	1·42	?
	Nadia ...	Ranaghat ..	......	0·14	0·71	......	1·17	......	......	3	2·02	1·02	2·44	2·52	2·44	2·52
		Krishnagar ...	......	......	......	......	2·20	......	......	1	2·20	0·90	3·47	2·19	3·47	2·19
		Chuadanga ...	......	......	......	0·19	0·71	......	......	2	0·90	1·04	0·90	2·52	0·90	2·52
		Meherpore ...	......	......	......	......	......	......	......	Nil	Nil	0·76	0·18	2·21	0·18	2·21
		Kushtia ..	......	......	......	......	1·53	......	......	1	1·53	1·27	3·16	2·65	3·16	2·65
	Khulna ...	Satkhira ..	......	0·45	0·70	0·01	1·15	......	......	3	2·31	1·37	2·32	2·53	2·32	2·53
		Bágerhat ...	......	......	......	......	......	......	......	Nil	Nil	1·01	0·30	2·95	0·30	2·95
		Khulna ...	......	0·19	0·09	......	......	......	......	1	0·28	1·17	2·13	2·80	2·13	2·80
		Nakipur ...	......	......	1·70	......	......	......	......	1	1·70	?	1·70	?	1·70	?
		Rampal ...	......	0·80	......	......	......	......	......	1	0·80	?	0·80	?	0·80	?
	Jessore ...	Narail ..	......	3·10	......	......	0·26	......	......	2	3·36	1·42	4·05	2·75	4·05	2·75
		Jessore ...	......	1·09	......	......	0·30	......	......	2	1·39	1·81	1·83	3·42	1·83	3·42
		Jhenidah ...	......	......	......	......	2·80	......	......	1	2·80	1·13	3·36	2·77	3·36	2·77
		Magura ...	......	0·32	......	......	0·03	......	......	1	0·35	1·71	1·13	3·46	1·13	3·46
		Bangaon ..	......	1·00	0·20	......	0·15	......	......	3	1·35	1·00	2·32	2·27	2·32	2·27
	Murshidabad	Kandi ...	......	......	......	......	0·26	......	......	1	0·26	0·46	1·33	1·40	1·33	1·40
		Berhampore...	......	......	......	......	......	......	......	Nil	Nil	0·60	1·35	1·51	1·35	1·51
		Lalbagh ...	......	......	......	......	......	......	......	Nil	Nil	0·45	1·59	1·02	1·59	1·02
		Azimgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·31	1·84	1·01	1·84	1·01
		Jangipur ...	......	......	......	......	......	0·37	......	1	0·37	0·27	1·94	0·82	1·94	0·82
		Lalgola ...	......	......	......	......	......	......	......	Nil	Nil	0·49	1·75	0·97	1·75	0·97
		Akhriganj ...	......	......	......	......	0·18	......	......	1	0·18	?	1·69	?	1·69	?
		Patkabari ..	......	......	......	......	......	......	......	Nil	Nil	?	1·82	?	1·82	?
EAST BENGAL	Chittagong ..	Cox's Bazar ...	......	0·15	0·20	......	0·12	......	0·01	3	0·48	1·08	0·48	2·00	0·48	2·00
		Chittagong ...	......	1·18	2·65	......	0·03	0·05	......	2	3·91	1·00	4·39	2·51	4·39	2·51
		Kutubdia ...	......	0·62	0.45							?		?		?
		Satkanya ...	......	0·53	1·07							?		?		?
	Chittagong Hill Tracts.	Rangamati ...	......	0·19	1·00	1·37	......	0·10	0·42	5	3·08	1·06	3·26	2·77	3·26	2·77
		Bundarban ...	......	0·32	1·20							?		?		?
	Backergunge	Patuakhali ...	......	0·65	......	......	0·15	......	......	2	0·80	1·72	0·80	2·77	0·80	2·77
		Pirojpur ...	......	0·38	......	......	0·06	......	......	1	0·44	0·79	0·51	2·20	0·51	2·20
		Barisal ...	......	0·28	......	......	......	......	......	1	0·28	0·96	0·76	2·80	0·76	2·80
		Bhola ...	......	0·68	0·18	......	0·05	......	......	2	0·91	1·44	0·91	3·28	0·91	3·28

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 23rd of April 1892—contd.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 17th April.	Monday, 18th April.	Tuesday, 19th April.	Wednesday, 20th April.	Thursday, 21st April.	Friday, 22nd April.	Saturday, 23rd April.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
EAST BENGAL —concld.		*Gournaddi* ...	......	0'12	......	......	0'54	......	...	2	1'56	?	1'71	?	1'71	?
		Bauphal ...	....	0'34	......	......	......	......	0'02	1	0'36	?	0'52	?	0'52	?
	Noakhali ...	Noakhali ...	0'34	0'51	3'55	... ..	0'11	......	.....	4	4'51	1'51	5'30	3'53	5'30	3'53
		Fenny ...	......	2'00	1'00	1'15	0'10	......	.....	4	4'25	1'26	5'47	3'65	5'47	3'65
		Harishpore ...	......	0'94	3'40							?		?		?
		Ramganj ...	......	0'35	1'26	......	0'39	......	.....	3	2'00	?	2'00	?	2'00	?
	Faridpur ...	Madaripur ...	0'67	......	......	0'05	1'31	......	......	2	2'03	1'27	2'48	3'04	2'48	3'04
		Faridpur ...	0'20	0'05	......	0'07	0'46	......	......	2	0'78	1'56	2'15	3'20	2'15	3'20
		Goalundo ...	......	......	......	0'18	0'48	......	......	2	0'66	1'92	2'04	3'51	2'04	3'51
	Dacca ...	Munshiganj ...	......	1'75	0'07	......	1'27	......	......	2	3'09	1'75	3'64	4'20	3'64	4'20
		Dacca ...	......	0'33	......	......	0'30	......	......	2	0'63	1'53	0'97	3'89	0'97	3'89
		Naraingunj ...	......	0'68	0'02	......	0'82	......	... ..	2	1'52	2'17	1'67	4'14	1'67	4'14
		Manikganj ...	......	0'40	......	......	0'70	......	......	2	1'10	1'79	2'31	3'46	2'30	3'46
		Joydebpore ..	0'91	1'22	0'03	0'07	......	.. ...	......	2	2'23	?	2'53	?	2'53	?
	Hill Tippera Tippera ...	Agartola ...	1'20	0'45	2'10	... ..	0'28	.....	......	4	4'63	1'40	7'33	4'17	7'33	4'17
		Comilla ...	0 65	2'66	0'09	2'43	0'37	......	......	4	6'20	1'43	7'67	4'19	7'67	4'19
		Chandpore ...	......	3'38	0'12	......	1'58	......	......	3	5'08	1'39	7'62	4'06	7'62	4'06
		Brahmanbaria	2'20	1'30	0'90	... ..	1'36	......	......	4	5'76	1'56	7'86	4'11	7'86	4'11
		Ramchandrapore ...	0'68	2'05	......	1'94	......	......	......	3	4'67	?	5'17	?	5'17	?
		Nasirnagar ...	2'50	1'40	......	1'10	......	.. ...	......	3	5'00	?	5'00	?	5'00	?
		Daudkandi ...	......	1'12	0'03	0'09	... ..	......	......	1	1'24	?	1'24	?	1'24	?
		Kasba ...	150	1'10	1'64	0'45	1'50	.....	......	5	6'19	?	6'19	?	6 19	?
		Laksham ..	......	1'40	.. ...	.... .	......	.....	......	1	1'40	?	2'25	?	2'25	?
	Mymensingh	Kishoregunge	2'65	0 62	0'29	......	0'40	. ....	......	4	3'06	1'80	5'76	3'89	5'76	3'89
		Atia (*Tangail*)	2'11	0'17	0'09	......	......	......	......	2	2'37	1'56	2'24	2 82	4'24	2'82
		Mymensingh ...	0'80	1'21	0'38	0'06	0'18	0'01	......	4	2'64	1'45	4'71	3'16	4'71	3'16
		Jamalpur ..	......	0 39	... ..	. . ..	0'79	0'28	......	3	1'46	1'13	1'96	2'60	1'96	2'60
		Netrokona ...	2'30	0'98	0'35	......	0'51	... ..	......	4	4'14	1'60	5'06	3'91	5'06	3'91
		Subornakhali	0'22	0'43	......	......	0'82	......	......	3	1'47	?	4'63	?	4'63	?
		Durgapore ...	0'40	1'30	0'80	......	0'90	0'10	... ..	5	3'50	?	5 10	?	5'10	?
		Sherepore Town	......	0'56	......	......	1'36	0'26	......	3	2'18	?	3'47	?	3'47	?
		Dewanganj ...	0'71	......	0'38	......	1'82	......	......	3	2'91	?	3'43	?	3'43	?
NORTH BENGAL.	Pabna ...	Pabna .	......	......	......	... ..	0'70	......	......	1	0'70	1'38	3'03	2'76	3'03	2'76
		Sirajganj ...	0'43	......	0'44	0 03	0'14	......	......	3	1'04	0'93	3'44	2'14	3'44	2'14
	Bogra ...	Sherepore .	1'96	0'06	0'48	......	1'05	......	......	3	2'55	0'67	5'22	1'32	5'22	1'32
		Nowkhilla ...	0'50	1'60	......	......	0'20	......	... ..	3	2'30	1'24	5'98	1'90	5'98	1'90
		Bogra .	0'60	0'12	0'39	......	0'10	0'05	......	4	1'26	0'84	3'80	1'75	3'80	1'75
		Panchbibi	0'23	0'45	......	......	0'99	......	......	3	1'67	0'81	5'49	1'46	5'49	1'46
	Rajshahi ...	Boalia .	......	......	......	......	0'02	0'18	......	1	0'20	0'47	3'01	1'06	3'01	1'06
		Nator .	......	......	. ..	......	0'42	......	......	1	0'42	0'88	3'23	1'70	3'23	1'70
		Naogaon .	0'05	0'48	0'20	......	......	......	......	2	0'73	0'36	1'81	0'48	1'81	0'48
		Lalpore ...	......	......	......	0'52	......	......	......	1	0'52	?	2'53	?	2'53	?
		Manda .	0'93	0 46	......	0'85	......	......	......	3	2'24	?	3'73	?	3'73	?
	Malda ..	Malda .	0'10	0'80	......	......	......	......	......	2	0'90	0'19	3'53	0'74	3'53	0'74
		Chanchal ...	0'23	0'22	......	......	......	......	......	2	0'45	0'19	1'57	0'77	1'57	0'77
		Gajol ...	0'15	0'43	......	......	......	......	......	2	0'58	?	3'07	?	3'07	?
		Sibganj ..	......	......	......	......	......	... ..	. . ..	Nil	Nil	?	2'65	?	2'65	?
	Dinajpur	Mohadebpore	......	......	0'23	......	......	......	......	1	0'23	0'44	2'91	0'93	2'91	0'93
		Churamon .	0'20	0'53	......	......	......	... ..	......	2	0'73	0'31	3'32	0'49	3'32	0'49
		Raigunge ..	......	......	......	... ..	......	... ..	......	Nil	Nil	0'62	1'22	1'00	1'22	1'00
		Dinajpur	0'12	0'13	.. ...	......	0'44	0'04	......	3	0'70	0'79	1'97	1'40	1'97	1'40
		Baloorghat ...	0'09	0'14	......	......	1'68	......	......	2	1'91	0'59	5'01	0'79	5'01	0'79
		Thakoorgaon	......	......	......	......	0'59	0'09	......	1	0'68	?	1'44	?	1'44	?
	Rangpur ...	Bhawanigunge (*Gyabandha*)	0'52	0'14	......	......	3'05	...	......	3	3'71	1'27	5'20	2'34	5'20	2'34
		Rangpur	0'47	1'76	......	......	2'03	0'14	......	4	4'40	1'59	5'52	2'58	5'52	2'58
		Kurigram ...	2'73	0'25	......	1'23	......	0'72	... ..	4	4'93	2'40	5'97	3'94	5'97	3'94
		Bagdogra (*Nilphamari*)	0'06	0'44	......	......	1'21	0'22	......	3	1'93	1'77	2'77	2'75	2'77	2'75
		Ulipore ...	......	1'10	......	......	2'72	0'28	......	3	4'10	?	4'60	?	4'60	?
	Jalpaiguri ...	Jalpaiguri ..	......	......	......	0'78	0'18	0'12	0'01	3	1 09	1'70	3'02	3'49	3'02	3'49
		Alipore Dooar	......	......	......	.. .	2'32	0'50	0'60	3	3'42	?	5'98	?	5 98	?
		Fallacotta ...	......	......	......	0'16	1'98	0'32	......	3	2'46	?	5'16	?	5'16	?
		Debiganj ...	......	0'60	......	......	1'30	0'26	......	3	2'16	?	4'24	?	4'24	?
		Bhagatpore (Nagrakatta)	0'43	......	0'16	2'73	1'15	0'31	3'85	6	8'63	?	12'95	?	12'95	?
	Kuch Bihar ..	Dinhatta ..	0'53	0'13	......	0'02	......	0'52	......	3	1'19	2'13	1'63	3'56	1'63	3'56
		Kuch Bihar ..	......	... .	......	0'02	0'74	1'00	......	2	1'76	2'15	2'79	4'39	2'79	4'39
		Mickilgunge ...	......	0'03	......	0'31	... ..	0'90	......	2	1'24	2'29	4'97	3'74	4'97	3'74
		Mathabhanga	0'05	......	......	0'40	0'16	1'00	... ..	3	1'61	2'25	2'09	3'33	2'09	3'33
	Darjeeling Hill.	Buxa .	0'03	......	......	0'10	0'26	1'05	4'35	4	5'79	3'53	8'96	7'37	8'96	7'37
		Silliguri ..	......	. ....	0'08	1'53	0'21	0'34	0'02	3	2'18	2'07	3'79	2'93	3'79	2'93
		Darjeeling ..	0'12	0'14	0'54	0'48	1'16	0'60	0'05	6	3'09	1'65	6'26	3'77	6'26	3'77
		Kalimpong ..	......	0'39	......	0'38	2'00	......	......	3	2'77	1'51	4'79	2'78	4'79	2'78
		Kurseong ..	1'30	0'52	0'60	0'95	0'92	0'02	......	5	4'31	?	8'58	?	8'58	?
NORTH BIHÁR	Purnea ...	Kishanganj ...	......	0'05	......	......	......	0'07	. ....	Nil	0'12	1'29	2'70	1'76	2'70	1'76
		Araria .	......	0'15	......	......	......	0'23	......	2	0'38	0'60	1'78	1'26	1'78	1'26
		Purnea ..	......	0'60	......	......	......	0 01		1	0'61	0'49	2'48	1'04	2'48	1'04
		Gondwara (Korah) ...	......	0'08	......	......	......	......	......	Nil	0'08	?	3'73	?	3'73	?
	North Bhágalpur.	*Barsoe* ...										?		?		?
		Forbesganj ..	......	......	......	......	......	0'56	......	1	0'56	?	0'63	?	0'63	?
		Kaliaganj ...	......	0'05	......	0'05	......	0'50	......	1	0'60	?	1'33	?	1'33	?
		Madhipura ...	......	0'05	......	......	......	......	......	Nil	0'05	0'52	1'82	0'84	1'82	0'84
		Supaul ..	......	......	......	......	...	0'27	......	1	0'27	0'29	1'31	0'65	1'31	0'65
		Protaoganj ...	......	0'20	......	......	0'11	0'15	......	3	0'46	?	0 88	?	0'88	?
	Darbhanga ...	Tajpur ..	......	......	......	......	......	......	......	Nil	Nil	0'15	0'15	0'30	0'15	0'30
		Darbhanga ...	......	......	......	......	... ..	......	......	Nil	Nil	0'25	0'27	0'55	0'27	0'55
		Madhubani ...	......	......	......	......	......	0'52	......	1	0'52	0'43	0'52	0'82	0'52	0'82
		Bahera ...	......	......	......	......	......	......	......	Nil	Nil	?	0'27	?	0'27	?
		Roshera ...	......	......	......	......	......	......	......	Nil	Nil	?	0'16	?	0'16	?
	Muzaffarpur...	Sitamarhi ...	......	......	......	......	......	1'16	......	1	1'16	0'40	1'16	1'03	1'16	1'03
		Muzaffarpur	......	......	......	......	......	......	......	Nil	Nil	0'29	Nil	0'49	Nil	0'49
		Hajipur ...	......	......	......	......	......	......	......	Nil	Nil	0'07	Nil	0'15	Nil	0'15
		Paru ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Mahua ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sinhar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pupri ...	......	......	......	......	......	0'72	......	1	0'72	?	0'72	?	0'72	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 23rd of April 1892—concld.

Meteorological division.	District.	Station.	Rainfall. Sunday, 17th April.	Monday, 18th April.	Tuesday, 19th April.	Wednesday, 20th April.	Thursday, 21st April.	Friday, 22nd April.	Saturday, 23rd April.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
North Bihár—concluded.	Champaran ...	Motihari	......	......	......	0·06	......	0·10	......	1	0·16	0·30	0·16	0·61	0·16	0·61
		Bettiah	......	0·04	......	......	......	0·08	......	Nil	0·12	0·28	0·12	0·63	0·12	0·63
		Bagaha	......	0·02	......	......	......	0·14	......	1	0·16	?	0·16	?	0·16	?
		Barhurwa	......	0·03	......	......	......	......	......	Nil	0·03	?	0·03	?	0·03	?
	Saran ...	Gopalgunge ...	......	0·15	......	......	......	......	......	1	0·15	0·04	0·15	0·09	0·15	0·09
		Siwán	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·19	Nil	0·19
		Chapra ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·17	Nil	0·17
South Bihár	Shahabad ...	Buxar ...	......	......	......	......	......	......	......	Nil	Nil	0·01	0·05	0·14	0·05	0·14
		Dehri	......	......	......	......	......	......	......	Nil	Nil	Nil	0·17	0·11	0·17	0·11
		Bhabhua ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·12	Nil	0·12
		Sasarám ...	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·15	Nil	0·15
		Arrah ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·15	Nil	0·15
		Mohaniah	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Ageaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rammagor ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Koath ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sikroul ...	......	......	......	......	......	......	......	...	Nil	?	Nil	?	Nil	?
		Bassowan ...	......	......	......	......	......	......	......	...	Nil	?	Nil	?	Nil	?
		Monaharpur	......	......	......	......	......	......	......	...	Nil	?	Nil	?	Nil	?
	Gaya	Aurangabad ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·22	Nil	0·22
		Gaya ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·27	Nil	0·27
		Nawádah ...	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·25	Nil	0·25
		Jahánabad ...	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	0·09	Nil	0·09
		Arwal	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Daudnagar ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sherghati ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rajauli	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pakri Barawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Patna	Patna ..	......	......	......	......	......	......	......	Nil	Nil	0·05	Nil	0·18	Nil	0·18
		Dinapore	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·21	Nil	0·21
		Bihar ...	......	......	......	......	......	......	......	Nil	Nil	0·05	0·25	0·18	0·25	0·18
		Barh ...	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·08	Nil	0·08
		Bickram ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hilsa	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Monghyr ...	Bogusarai ...	......	......	......	......	......	......	......	Nil	Nil	0·12	1·43	0·28	1·43	0·28
		Monghyr	......	......	......	......	......	......	......	Nil	Nil	0·09	0·48	0·35	0·48	0·35
		Jamui	......	......	......	......	......	......	......	Nil	Nil	0·14	0·50	0·45	0·50	0·45
		Gogri	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	South Bhágalpur	Bhágalpur ..	......	......	......	......	......	......	......	Nil	Nil	0·19	0·66	0·62	0·66	0·62
		Banka	......	......	......	......	......	......	......	Nil	Nil	0·17	0·80	0·50	0·80	0·50
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	0·86	?	0·86	?
		Bangaon	......	......	......	......	......	......	......	Nil	Nil	?	1·77	?	1·77	?
	Sonthal Parganas.	Rajmahal ..	0·28	......	......	......	......	......	......	1	0·28	0·19	1·35	0·86	1·35	0·86
		Godda	......	......	......	......	......	......	......	Nil	Nil	0·09	0·53	0·45	0·55	0·45
		Pakour	......	......	......	......	......	......	......	Nil	Nil	0·17	1·05	0·44	1·05	0·44
		Naya Dumka	......	......	......	......	......	......	......	Nil	Nil	0·31	0·33	0·84	0·33	0·84
		Deoghur	......	......	......	......	......	......	......	Nil	Nil	0·35	0·27	0·84	0·27	0·84
		Jamtara ...	......	......	......	......	......	......	......	Nil	Nil	0·24	0·65	0·45	0·65	0·45
		Mohagama	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Nanihat	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
Chota Nagpur.	Hazáribágh	Pachamba (Giridih).	......	......	......	......	......	......	......	Nil	Nil	0·13	Nil	0·47	Nil	0·47
		Hazáribágh	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·30	Nil	0·30
		Semtaguran	......	......	......	......	......	......	......	Nil	Nil	0·12	Nil	0·25	Nil	0·25
		Mahudi Hills	......	......	......	......	......	......	......	Nil	Nil	0·01	Nil	0·10	Nil	0·10
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	Nil	Nil	Nil	Nil	Nil
		Barhi ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Chatra	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Karagdeha	......	......	......	......	......	......	......	Nil	Nil	?	0·40	?	0·40	?
		Ramghar	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Lohardaga ..	Lohardaga ...	......	......	......	......	......	......	......	Nil	Nil	0·03	Nil	0·22	Nil	0·23
		Ranchi ..	......	......	......	......	......	......	......	Nil	Nil	0·13	0·16	0·50	0·16	0·50
		Palámau	......	......	......	......	......	......	......	Nil	Nil	0·02	Nil	0·23	Nil	0·23
		Silli	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Balumat	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hosseinabad	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Garwah	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Singbhum ...	Chaibassa ..	0·07	......	......	......	......	......	......	Nil	0·07	0·13	0·34	0·60	0·34	0·60
		Chakradharpore.										?		?		?
		Ghatsilla ..	......	......	......	......	......	......	......	Nil	Nil	?	0·50	?	0·50	?
		Baharagura	......	......	......	......	......	......	......	Nil	Nil	?	2·84	?	2·84	?
	Manbhum .	Purulia ...	......	......	0·17	......	......	......	......	1	0·17	0·21	0·30	0·71	0·30	0·71
		Gobindpur .	......	......	......	......	......	......	......	Nil	Nil	0·12	0·26	0·51	0·26	0·51
		Raghunathpore	......	......	......	......	......	......	......	Nil	Nil	?	0·48	?	0·48	?
		Burrabhum	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Jhalda ..	......	......	......	......	......	......	......	Nil	Nil	?	0·08	?	0·08	?
		Chas ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pandra ...	......	......	......	......	......	......	......	Nil	Nil	?	0·23	?	0·23	?

Explanation.—.... indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the 26th April* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 23RD OF APRIL 1892.

At the beginning of the week the pressure distribution over the province was distinctly abnormal; there was a defect of considerably more than a tenth of an inch in the western parts of South Bihár and Chota Nagpur, and a defect of from a twentieth to a tenth of an inch over the central and western parts of the province generally, while at the eastern stations and in Burma pressure was practically normal. Baric gradients were therefore unusually steep over the province, and hence favoured the strong south-easterly and easterly winds which prevailed at all stations. These winds brought up much moisture, and hence humidity was very high, though temperature was generally a little below the normal. A few local storms were reported in South-West Bengal on the evening of the 17th instant, but in East and North Bengal they were rather numerous. These conditions continued practically unaltered on the 18th, and again on the evening of this day local storms with rain were numerous, almost every station in East and North Bengal receiving rain, while a few storms were reported in North Bihár and in parts of South-West Bengal. On the 19th the area of defective pressure extended, and in parts of Bihár and South-West Bengal pressure became from an eighth to a tenth of an inch below the normal. On the 20th the fall of pressure continued across the centre of the province, and on the 21st it became largest at the eastern and northern stations, while the fall was comparatively small in Bihár and South-West Bengal, and there was a general defect in the pressure over the province ranging from about a tenth of an inch in the south-eastern districts to nearly a sixth of an inch at some of the central and western stations, and thus practically a barometric depression existed over the province on this day. On the 22nd the depression became rather more marked, and pressure was about a quarter of an inch below the normal in Bihár and North Bengal, and the centre of greatest defect had been removed to North Bengal. Winds therefore became more westerly than they had been, and over the western half of the province winds were westerly, south-westerly and southerly, thus partially driving back the moist easterly and south-easterly current which had been previously prevailing. Owing, however, to the great differences of pressure, the wind force for the whole of this time continued very high. Up to this date, therefore, many local storms with rain continued to occur in the east and north of the province, but on the 22nd they became less numerous. On the 23rd a rather rapid increase of pressure took place, and the defect in Bengal was partially filled up, but still conditions were abnormal, and on this day strong southerly winds were blowing at almost all stations, and except at a few stations in North Bengal, rainfall was practically absent from the whole province. The principal features in the meteorology of the week have, therefore, been the abnormally low pressure, particularly in the west and north of the province, the exceedingly strong winds which have accompanied this distribution of pressure, and the numerous local storms with rain which have occurred in the east and north of the province, and on the last two days of the week the high temperatures which have been registered.

Pressure—As stated previously, has been in defect of the normal throughout the week; the mean defect has ranged from about 0 08" at Gopalpore and False Point to about 0·13" to 0·15" at the western stations in South Bihár, while the general defect over the province has equalled about a tenth of an inch.

Temperature—Has been above the normal at the western stations almost throughout the week, but elsewhere it was generally in defect till the close of the week, when it became above the normal in all districts. The mean temperature for the week for the whole province is almost absolutely normal, but the western divisions, such as Chota Nagpur and Orissa, show excess temperatures of 2° and 3°; while North Bengal, on the other hand, shows a defect of nearly 4°.

The distribution of temperature over the province and its variation from the normal are clearly seen in the following table, where the average maximum, minimum and mean temperatures for the week at nine typical stations in different districts of the province are compared with the normal values for the same period. It will be seen the day temperatures have been generally in defect, while the night or minimum temperatures have been rather largely in excess of the normal:—

Table showing the excess or defect of the actual mean temperature from the normal for the week ending 23rd April 1892.

	Normal mean maximum temperature for the week ending 23rd April.	Actual mean maximum temperature for the week ending 23rd April 1892.	Variation of actual mean from the normal.	Normal mean minimum temperature for the week ending 23rd April.	Actual mean minimum temperature for the week ending 23rd April 1892.	Variation of actual mean from the normal.	Normal mean daily temperature for the week ending 23rd April.	Actual mean daily temperature for the week ending 23rd April 1892.	Variation of actual mean from the normal.
Cuttack	102·1	102·8	+0·7	78·2	81·3	+3·1	90·2	92·1	+1·9
Calcutta	95·7	92·2	−3·5	75·9	78·1	+2·2	85·8	85·2	−0·6
Dacca	92·9	91·2	−1·7	74·0	74·8	+0·8	83·5	83 1	−0·4
Burdwan	100·4	99·3	−1·1	76·0	78·3	+2·3	88·3	88·8	+0·5
Patna	101·4	98·4	−3·0	74·1	75·6	+1 5	87·7	87·0	−0·7
Gaya	104·4	105·5	+1·1	75·2	80·6	+5·4	89·8	93·1	+3·3
Purnea	98·7	89 6	−9·1	70·5	73 1	+2·6	84·6	81·4	−3·2
Hazáribágh	98·7	103 8	+5·1	73·0	75·5	+2 5	85·9	89·7	+3·8
Darjeeling	63·0	67·0	−6·0	48·5	50·2	+1·7	55·8	53·6	−2·2

Rainfall.—The heaviest falls during the week have occurred in East Bengal, which has received 2 70 inches, or about two inches more than usual for the period. North Bengal has received an average fall of 1 53 inches, or nearly half an inch in excess. The only other district receiving rather heavy rain has been South-West Bengal with an average amount of 0·70 inch, or practically a normal fall for the period. North Bihár has received 0·20 inch, and South Bihár, Chota Nagpur, and Orissa falls averaging only a few thousandths of an inch, and in these cases the falls are less than the normal amounts.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 23rd of April 1892:—

Meteorological Divisions.	Temperature.						Rainfall.									
			Averages for week.				Of week.			Rainy days.			Since 1st of month.		Since 1st April 1892.	
	Highest observed during week.	Lowest observed during week.	Of highest of each day.	Of lowest of each day.	Of mean for each day.	Average mean of week above or below normal mean of week.	Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	105·4	72·8	93·9	79·9	86 9	+2·1	0·03	0·36	—0·33	0·07	0·59	—0·52	0·33	1·11	0 33	1·11
South-West Bengal ...	111·1	69 0	97·2	77·7	87·5	—0·6	0·70	0·78	—0·08	0·85	1·11	—0·26	1·52	1·73	1·52	1·73
East Bengal	95·1	66·4	88·7	74·4	81·6	—1·2	2·70	0·65	+2·05	2·76	1·83	+0·93	3·58	2·55	3·58	2·55
North Bengal	100·8	62·8	88·1	72·4	80·2	—3·7	1·53	1·13	+0·40	2 44	1·38	+1·06	3·59	2·04	3·59	2·04
North Bihár	107·2	69·2	94·2	74·0	84·1	—1·0	0·20	0·35	—0·15	0·44	0·53	—0·09	0·77	0·07	0·77	0·67
South Bihár	111·2	71·0	100·6	77·0	88·8	+0·7	0·01	0·11	—0·10	0·04	0·21	—0·17	0·38	0 34	0·38	0·34
Chota Nagpur	105·9*	71·5*	103·4*	75·4*	89·4*	+3·5*	0·02	0·09	—0·07	0·09	0 14	—0·05	0·12	0·35	0·12	0·35

* Chaibassa not included.

Meteorological Office, Bengal,
The 26th April 1892.

A. Pedler,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chow ringhee, from 17th to 23rd April 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature.						Hygrometry.			Rainfall past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
April ...	17th ...	29·726	85·7	94·0	16·7	77·3	88·6	80·5	·933	77·1	69	..
" ...	18th ...	·732	87·0	98·0	22·0	76·0	85·6	81·0	·957	77·9	71	..
" ...	19th ...	·687	83·2	92·5	18·7	73·8	88·6	81·5	·981	78·6	73	...
" ...	20th ...	·692	87·3	95·0	14·4	80·6	88·6	81·0	·957	77·0	71	0·01
" ...	21st ...	·667	82·9	92·0	18·2	73·8	88·4	81·5	·883	75·4	73	0·15
" ...	22nd ...	·640	87·9	95·0	14·2	80·8	91·1	82·5	·996	79·1	69	...
" ...	23rd ...	·732	88·4	95·0	13·2	81·8	91·6	81·5	·941	77·4	64	...

				Inches.
The mean 10 A.M. pressure of the seven days	...	...	...	29·697
				°
The mean temperature of the seven days	...	...	...	86·1
The extreme variation of temperature	...	...	...	24·2
The maximum temperature	...	...	...	98·0
				%
The mean 10 A.M. relative humidity of the seven days	...	...		70
The total fall of rain from 17th to 23rd April 1892	...	...		0·16 inch.

The daily mean temperatures are the crude means of maximum and minimum temperatures.

J. H. Gilliland,
For Meteorological Reporter to the Govt. of India.

Meteorological Office, India ;
The 25th April 1892.

Results of the Meteorological Observations taken at the Alipore Observatory from 17th to 23rd April 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature.				Hygrometry.				Wind.		Rain.	Weather.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
		°		Inches.	°	°	°		°	Inches	°	%			Inches.	
April	17th	147·8	7·9	29·675	84·5	91·8	14·0	77·8	78·9	0·915	76·5	78	SSW and S ...	302	Nil	Day clear, night partially cloudy.
„	18th	149·5	7·8	·675	85·3	95·4	18·5	76·9	78·7	·900	76·1	75	SSE, SW, and SSW.	268	„	Partially cloudy, t, <.
„	19th	147·5	5·9	·629	84·7	91·6	17·8	73·8	78·5	·898	76·0	75	SSW and S ...	247	„	Partially cloudy, o.
„	20th	149·4	6·7	·644	85·2	92·8	12·1	80·7	79·3	·926	76·9	77	SSE, SSW, and variable.	218	0·06	Partially cloudy. o, g, d, t, <.
„	21st	145·6	1·1	·601	85·2	90·7	17·2	73·5	79·4	·927	76·9	77	SSW ...	300	Nil	Chiefly cloudy.
„	22nd	147·5	7·4	·585	86·9	93·4	11·9	81·5	79·3	·900	76·1	70	SSW ...	390	„	Partially cloudy.
„	23rd	146·0	8·0	·679	87·2	93·1	10·7	82·4	78·5	·859	74·6	67	SSW ...	384	„	Partially cloudy.

	Inches.
The mean pressure of the seven days	29·641
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·748
	Hours
The total number of hours of bright sunshine	44·8
The maximum possible number of hours of sunshine	89·1
	°
The mean temperature of the seven days	85·6
The average temperature of the corresponding period for 24 years, S.-G.'s Office	84·6
The extreme variation of temperature	21·9
The maximum temperature	95·4
	Miles.
The highest velocity of the wind in one hour	22
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	74
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	70
	Inches.
The total fall of rain from 17th to 23rd April 1892	0·06
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·55
The total fall from 1st January to 23rd April 1892	0·75
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	4·03

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; d, drizzling rain; t, thunder; <, lightning.

J. H. GILLILAND,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 25th April 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 2nd April 1892.

1	2	3			4			5			6	7							8							9	10		11		12
DISTRICTS.	NAMES OF MUNICIPALITIES.	POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.			Ratio of male births to every 100 female births.	Deaths from—							Ratio per 1,000 of population per annum.							Ratio of deaths per 1,000 of population per annum in the preceding week.	Deaths.		Ratio per 1,000 of population per annum.		Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
		Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*		Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*		Male.	Female.	Male.	Female.	
Burdwan ...	Burdwan	18,063	16,017	34,080	13	14	*27*	19·8	21·4	*41·2*	93	20	7	25	5	..	3	*60*	30·5	10·7	38·1	7·6	..	4·6	*91·5*	129·7	42	18	120·9	58·4	207
	Raniganj	6,346	4,691	10,937	2	6	*8*	9·5	28·5	*38·0*	33	24	...	5	...	...	2	*81*	114·1	...	23·8	...	...	9·5	*147·4*	261·5	13	18	108·2	199·5	54
Bankura ...	Bankura	8,970	8,925	17,895	2	6	*8*	5·8	17·4	*23·2*	33	7	..	6	2	...	...	*15*	20·3	...	17·4	5·8	...	...	*43·6*	72·6	6	9	34·8	52·4	66
Birbhum ...	Suri	3,982	3,866	7,848	6	1	*7*	39·8	6·6	*46·4*	600	...	...	14	1	...	1	*16*	...	...	92·8	6·6	...	6·6	*106·0*	92·8	10	6	130·6	80·7	162
Midnapore ...	Midnapore ...	16,927	16,633	33,560	11	12	*23*	17·0	18·6	*35·6*	91	12	...	32	...	...	2	*46*	18·6	...	49·6	...	...	3·1	*71·3*	49·6	24	22	73·7	68·8	107
Hooghly, including Serampore.	Hooghly and Chinsura.	15,838	15,829	31,667	6	6	*12*	9·8	9·8	*19·7*	100	12	...	21	2	...	3	*38*	19·7	...	34·5	3·3	...	4·9	*62·4*	72·3	21	17	68·9	55·8	123
	Serampore ...	13,559	12,937	26,496	19	20	*39*	37·3	39·2	*76·5*	105	30	...	34	21	1	14	*109*	76·5	...	66·7	41·2	2·0	27·5	*213·9*	78·5	76	33	291·5	132·6	219
	Utterpara	3,046	2,464	5,510	..	1	*1*	...	9·4	*9·4*	No male birth.	5	...	4	...	...	1	*10*	47·2	...	37·7	...	...	9·4	*94·4*	56·6	9	1	153·6	21·1	728
Howrah ...	Howrah	53,153	37,660	90,813	20	9	*29*	11·5	5·1	*16·6*	222	36	...	29	4	...	9	*78*	20·6	.	16·6	2·3	..	5·1	*44·7*	54·4	48	30	47·0	41·4	113
	Bally	7,836	6,979	14,815	1	3	*4*	3·5	10·5	*14·0*	33	1	..	5	4	...	...	*10*	3·5	...	17·5	14·0	...	...	*35·1*	38·6	5	5	33·2	37·3	89
24-Parganas	Cossipore-Chitpur	16,080	10,214	26,294	...	...	..	...	..	...	...	4	...	2	1	...	.	*7*	7·9	..	3·9	2·0	...	...	*13·8*	Data not furnished.	3	4	9·7	20·4	47
	Manicktolla ...	16,536	12,112	28,648	...	...	..	...	...	...	.	1	...	...	1	...		*2*	1·8	...	..	1·8	...	...	*3·6*	Ditto.	2	...	6·3	...	No female death.
	Baranagore ...	15,920	14,062	29,982	4	4	*8*	6·9	6·9	*13·9*	100	14	..	10	3	...	4	*31*	24·3	...	17·3	5·2	...	6·9	*53·8*	38·2	23	8	75·1	29·6	253
	South Suburban	26,400	25,258	51,658	10	4	*14*	10·1	4·0	*14·1*	250	1	...	15	4	..	9	*29*	1·0		15·1	4·0	...	9·0	*29·2*	18·1	16	13	31·5	26·8	117
Nadia ...	Krishnagar ...	13,263	14,214	27,477	7	9	*16*	13·2	17·0	*30·3*	78	1	1	15	1	1	..	*19*	1·9	1·9	28·4	1·9	1·9	...	*36·0*	49·2	9	10	35·3	36·6	96
	Ranaghat	4,028	4,655	8,683	1	2	*3*	6·0	12·0	*18·0*	50	...	...	5	...	...	1	*6*	...	...	29·9	...	...	6·0	*35·9*	59·9	2	4	25·8	44·7	57
	Santipur	13,708	15,979	29,687	9	11	*20*	15·7	19·3	*35·0*	82	...	..	18	2	1	5	*26*	...	...	31·5	3·5	1·7	8·8	*45·5*	52·5	16	10	60·7	32·5	186
Jessore ...	Jessore	4,830	3,665	8,495	...	..	..	..	...	...	...	1	...	...	...	...	...	*1*	6·1	..	...	...	...	...	*6·1*	18·4	1	...	10·8	...	No female death.
Murshidabad	Berhampore ...	11,657	11,948	23,605	8	4	*12*	17·6	8·8	*26·4*	200	7	...	16	...	...	2	*25*	15·4	...	35·2	...	...	4·4	*55·1*	61·7	13	12	58·0	52·2	111
	City Murshidabad	18,901	20,330	39,231	3	1	*4*	4·0	1·3	*5·3*	300	3	...	18	2	...	2	*25*	4·0	..	23·9	2·6	...	2·6	*33·1*	46·4	14	11	38·5	28·1	137
Khulna ...	Khulna	3,249	3,043	6,292	...	...	...	...	...	..	...	2	...	4	...	...	2	*8*	16·5	...	33·0	...	...	16·5	*66·1*	181·8	5	3	80·0	51·3	156
Dinajpur ...	Dinajpur	7,254	5,306	12,560	10	2	*12*	41·4	8·3	*49·7*	500	...	...	20	4	...	5	*29*	...	...	82·8	16·6	...	20·7	*120·1*	53·8	21	8	150·5	78·4	192

Rajshahi ...	Rampur Boalia ...	10,766	9,025	19,791	11	3	*14*	28·9	7·9	*26·8*	366	..	...	26	...	...	3	*29*	...	...	68·3	...	...	7·9	*76·9*	65·7	16	13	77·3	74·9	103
Rangpur ...	Rangpur	8,011	5,309	13,320	3	4	*7*	11·7	15·6	*27·3*	75	..	...	31	2	...	2	*35*	...	...	121·0	7·8	...	7·8	*136·6*	54·7	18	17	116·8	166·5	70
Bogra ...	Bogra	3,480	2,699	6,179	1	3	*4*	8·4	25·2	*33·7*	33	...	...	3	..	...	...	*3*	...	..	25·2	...	...	...	*25·2*	67·3	3	...	44·8	...	No female death.
Pabna ...	Pabna	7,701	7,566	15,267	9	9	*18*	30·6	30·6	*61·3*	100	9	...	9	...	...	1	*19*	30·6	..	30·6	...	...	3·4	*64·7*	57·9	8	11	54·1	75·6	71
	Sirajganj	11,213	9,824	21,037	4	3	*7*	9·9	7·4	*17·3*	133	...	...	7	1	...	1	*9*	...	...	17·3	2·4	...	2·4	*22·2*	29·6	3	6	13·9	31·8	43
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	1	...	*1*	7·4	...	*7·4*	No female birth.	...	...	4	1	..	2	*7*	...	...	29·6	7·4	...	14·8	*51·9*	29·6	6	1	65·1	21·3	319
Jalpaiguri ...	Jalpaiguri ...	4,972	2,975	7,947	1	...	*1*	6·5	...	*6·5*	Ditto	..	...	1	...	1	1	*3*	...	.	6·5	...	6·5	6·5	*19·6*	32·7	3	...	31·4	...	No female death.
Dacca ...	Dacca	42,782	37,379	80,161	21	6	*27*	13·6	3·9	*17·5*	350	1	35	29	1	...	7	*73*	·6	22·7	18·8	·6	...	4·5	*47·4*	68·8	38	55	48·2	48·7	94
	Narainganj ...	7,605	4,956	12,561	...	...	...	...	..	..	..	...	..	..	.	...	4	*4*		...	..	..	...	16·6	*16·6*	24·8	3	1	20·5	10·5	195
Faridpur ...	Faridpur ...	5,663	4,600	10,263	1	3	*4*	5·0	15·2	*20·3*	33	5	...	9	.	...	1	*14*	25·3	..	40·5	.	...	5·0	*70·9*	121·6	9	5	82·6	56·5	146
Backergunge ...	Barisal	8,701	4,485	13,186	4	3	*7*	15·7	11·8	*27·6*	133	7	...	7		..	2	*16*	27·6	...	27·6	..	...	7·9	*63·1*	31·5	13	3	77·7	34·8	223
Mymensingh ...	Nasirabad ...	10,443	4,413	14,856	2	1	*3*	7·0	3·5	*10·5*	200	...	1	2	.	1	...	*4*	..	3·5	7·0	...	3·5	...	*14·0*	7·0	4	...	19·9	...	No female death.
Chittagong ...	Chittagong ...	13,340	8,790	22,130	5	5	*10*	11·7	11·7	*23·5*	100	14	1	11	...	1	...	*27*	32·9	2·3	25·8	...	2·3	...	*63·4*	51·7	9	18	35·1	106·5	33
Noakhali ...	Sudharam ...	3,410	1,714	5,124	...	2	*2*	...	20·2	*20·2*	No male birth.	1	..	5	...	...	2	*8*	10·1	..	50·7	...	...	20·2	*81·2*	30·4	5	3	76·2	91·0	83
Tippera ...	Comilla	8,153	5,353	13,506	10	13	*23*	38·5	50·1	*88·6*	77	..	8	...	...	...	...	*8*	...	30·8	...	...	...	...	*30·8*	53·9	3	5	19·1	48·6	39
Patna ...	Patna City ...	78,762	81,475	160,237	40	35	*75*	13·0	11·3	*24·3*	114	7	...	61	9	3	16	*96*	2·3	..	19·8	2·9	1·0	5·2	*31·2*	37·3	66	30	45·6	19·1	228
	Bihar	23,799	25,172	48,971	18	16	*34*	15·1	17·0	*36·1*	112	...	5	15	3	1	4	*31*	...	5·3	19·1	3·2	1·1	4·2	*32·9*	44·6	12	19	26·2	39·2	66
	Dinapore ...	25,424	26,801	52,225	3	6	*9*	3·0	5·9	*8·9*	50	...	..	7	1	...	6	*14*	...	..	7·0	1·0	...	5·9	*13·9*	24·9	7	7	14·3	13·6	105
Gaya ...	Gaya	38,290	37,831	76,121	14	15	*29*	9·6	10·2	*19·8*	93	21	4	45	4	...	10	*54*	14·3	2·7	30·7	2·7	..	6·8	*57·4*	58·7	47	37	63·8	50·9	125
Shahabad ...	Arrah	20,960	22,505	43,465	10	10	*20*	11·9	11·9	*23·9*	100	...	..	24	1	...	3	*28*	...	..	28·7	1·2	...	3·6	*33·5*	38·3	15	10	44·7	23·1	193
	Buxar	9,299	8,369	17,668	6	5	*11*	17·7	14·7	*32·4*	120	1	..	13	...	...	1	*15*	2·9	...	38·2	...	...	2·9	*44·1*	29·4	8	7	44·7	43·5	102
Muzaffarpur ...	Muzaffarpur ...	23,084	19,658	42,742	10	9	*19*	12·2	10·9	*23·1*	111	...	1	32	5	...	11	*49*	...	1·2	38·9	6·1	...	15·4	*59·6*	65·7	24	25	54·1	66·1	82
Darbhanga ...	Darbhanga ...	33,774	32,322	66,096	25	28	*53*	19·7	[illegible]	*41·7*	80	..	1	38	11	...	15	*65*	...	·8	[illegible]	8·6	..	11·8	*51·1*	48·0	35	30	53·9	48·3	111
Saran ...	Chapra ...	25,116	26,554	51,670	10	15	*25*	10·1	15·1	*25·2*	66	...	.	22	1	...	11	*34*	...	...	22·1	1·0	...	11·1	*34·2*	44·3	22	12	45·5	23·5	193
Champaran ...	Motihari ...	6,328	3,979	10,307	2	...	*2*	10·1	...	*10·1*	No female birth.	...	...	7	1	...	...	*8*	...	...	35·5	5·0	...	...	*40·4*	60·5	6	2	49·3	26·1	189
Monghyr ...	Monghyr	28,154	29,366	57,520	16	18	*34*	14·4	16·3	*30·7*	89	...	...	39	6	...	5	*50*	...	...	35·3	5·4	...	4·5	*45·2*	53·3	22	28	40·6	49·6	82
	Jamálpur ...	7,456	6,107	13,563	11	9	*20*	42·2	34·5	*76·7*	122	...	..	13	..	...	2	*15*	...	..	49·8	...	...	7·6	*57·5*	65·2	9	6	62·8	51·1	122
Bhágalpur ...	Bhagalpur ...	34,916	33,322	68,238	15	14	*29*	11·4	10·7	*22·1*	107	2	...	78	2	...	9	*91*	1·5	...	59·4	1·5	...	6·9	*69·3*	60·2	45	46	67·0	71·8	93
Purnea ...	Purnea	8,463	6,553	15,016	1	2	*3*	3·5	6·9	*10·4*	50	...	...	4	1	...	1	*6*	...	...	13·8	3·5	...	3·5	*20·8*	31·2	3	3	15·4	23·8	77
Malda ...	English Bazar ...	6,289	6,141	12,430	1	3	*4*	4·2	12·5	*16·7*	33	..	...	5	...	...	1	*6*	...	...	20·9	..	...	4·2	*25·1*	71·1	2	4	16·5	33·9	48
Sonthal Parganas.	Deoghur	4,964	3,041	8,005	2	1	*3*	13·0	6·5	*19·5*	200	20	...	2	...	...	...	*22*	129·9	...	13·0	...	...	...	*142·9*	65·0	15	7	157·1	119·7	131
Cuttack ...	Cuttack	22,632	20,607	43,239	5	4	*9*	6·0	4·8	*10·8*	125	1	2	15	3	...	6	*25*	1·2	2·4	15·6	3·6	...	7·2	*30·1*	43·3	19	6	43·7	15·1	289
Puri ...	Puri	13,247	11,537	24,784	8	6	*14*	16·8	12·6	*29·4*	133	7	.	10	3	...	13	*33*	14·7	.	21·0	6·3	...	27·2	*69·2*	54·6	17	16	66·7	72·1	92
Balasore ...	Balasore	10,282	9,983	20,265	4	6	*10*	10·3	15·4	*25·7*	66	9	.	6	2	..	1	*18*	23·1	.	15·4	5·1	...	2·6	*46·2*	30·8	11	7	55·6	36·5	153
Hazáribágh ...	Hazáribagh ...	7,639	7,667	15,306	4	4	*8*	13·6	13·6	*27·2*	100	...	...	10	.	...	8	*18*	...	...	34·0	...	...	27·2	*61·2*	30·6	9	9	61·3	61·0	100
Lohardaga ...	Ranchi	10,101	8,342	18,443	7	8	*15*	19·7	22·5	*42·3*	87	...	.	3	..	...	3	*6*	...	...	8·4	...	...	8·4	*16·9*	14·1	5	1	25·7	6·2	414
Singbhum ...	Chaibassa	3,126	2,880	6,006	2	2	*4*	15·3	17·3	*34·6*	100	2	..	...	...	...	1	*3*	17·3	..	...	...	...	5·6	*26·0*	26·0	3	...	49·9	...	No female death.
Manbhum ...	Purulia	5,060	4,244	9,304	2	2	*4*	11·1	11·1	*22·3*	100	1	...	5	...	...	2	*8*	5·6	...	27·9	...	...	11·1	*44·7*	89·4	5	3	51·4	36·8	139
	Total ...	897,450	812,770	1,710,220	421	388	*809*	12·3	11·8	*24·6*	105	238	66	896	115	10	220	*1,605*	9·1	2·0	27·1	3·5	·3	6·7	*48·8*	58·4	990	675	53·9	43·2	134

		13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
DISTRICTS.	NAMES OF MUNICIPALITIES.	DEATHS AMONG—					RATIO PER 1,000 OF POPULATION PER ANNUM.					DEATHS.										RATIO PER 1,000 OF POPULATION PER ANNUM.									
		Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	1	35	24	...	...	388·1	76·8	121·6	...	...	2	3	3	3	3	13	9	14	4	6	157·6	63·1	66·9	62·0	49·9	85·3	67·9	164·8	84·7	210·5
	Raniganj	...	28	3	...	...	...	163·1	84·8	...	...	1	3	6	1	1	6	5	6	...	2	221·3	155·5	275·6	57·1	63·6	128·7	121·0	249·4	...	249·4
Bankura ...	Bankura	...	15	...	...	...	...	45·9	...	...	...	1	...	3	...	1	...	..	2	7	1	109·9	...	69·1	...	33·0	...	...	57·1	329·1	52·4
Birbhum ...	Suri	...	11	5	...	...	...	98·0	130·8	...	...	...	1	2	...	...	1	2	2	5	3	...	83·3	124·8	...	...	36·8	85·1	117·9	446·0	326·4
Midnapore ...	Midnapore ...	...	40	6	...	...	...	80·2	43·2	...	...	1	..	5	2	4	7	11	4	5	7	70·0	...	69·4	34·2	65·8	49·6	103·1	55·8	126·0	198·9
Hooghly, including Serampore.	Hooghly and Chinsura.	1	27	10	...	...	226·1	55·5	84·3	...	...	3	5	...	...	3	5	7	7	3	5	194·3	117·2	...	...	62·2	41·9	63·8	67·2	60·0	125·4
	Serampore	3	96	10	...	...	489·0	197·8	551·4	...	...	17	11	5	1	7	19	33	12	1	3	1,245·1	316·9	103·4	23·4	166·7	183·4	345·1	184·9	27·2	112·1
	Utterpara	...	10	...	...	...	...	97·6	...	...	...	...	1	...	1	...	...	...	7	1	...	...	123·5	...	168·6	...	...	...	519·2	141·3	...
Howrah ...	Howrah	1	67	10	...	...	27·5	51·1	23·3	..	...	5	14	7	5	1	10	7	10	10	9	126·0	131·4	57·9	39·5	7·1	22·9	18·9	44·2	94·7	124·8
	Bally	...	10	...	...	...	...	38·8	..	...	...	1	..	...	.	...	1	2	3	...	3	143·6	...	...	..	...	15·5	37·3	50·6	...	213·1
24-Parganas	Cossipore-Chitpur	..	...	7	...	...	...	...	46·2	...	...	...	2	...	1	1	1	1	...	1	..	...	117·9	...	20·6	57·2	5·5	8·1	...	53·4	...
	Manicktola ...	...	2	...	...	...	...	8·2	...	...	..	.	1	...	..	...	..	..	...	...	1	...	379·6	...	...	...	...	..	...	...	54·9
	Baranagore ..	...	24	7	...	...	...	48·5	87·8	...	...	2	5	1	3	3	5	4	7	1	.	153·6	126·0	20·9	66·6	68·2	40·6	35·6	88·3	25·1	...
	South Suburban	...	15	14	...	...	..	24·6	37·4	...	..	5	1	6	3	...	3	2	3	6	...	196·1	10·9	61·4	32·7	...	15·4	12·0	26·4	94·1	...
Nadia ...	Krishnagar ...	1	11	7	...	...	91·7	30·7	44·0	...	...	1	...	2	2	...	3	4	2	3	2	104·8	...	30·3	37·0	...	32·4	48·6	31·9	74·0	60·2
	Ranaghat	...	5	1	...	...	...	35·5	38·1	...	...	1	...	...	...	...	3	1	1	...	...	251·2	...	...	...	...	103·4	41·7	51·8	...	...
	Santipur ...	...	21	5	...	...	...	52·8	29·1	...	...	5	3	1	1	..	3	2	1	3	4	492·3	53·8	13·8	17·9	...	31·5	24·0	14·8	67·9	105·9
Jessore ...	Jessore	...	1	...	...	...	...	11·5	..	...	...	...	..	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	113·5
Murshidabad.	Berhampore ...	...	19	6	...	...	...	54·4	60·1	...	...	3		3	3	2	3	2	4	1	4	413·8	...	73·8	82·0	59·0	35·0	23·5	60·4	27·7	130·2
	City Murshidabad	...	11	14	...	...	...	25·2	46·0	...	...	2	4	...	3	2	2	4	3	3	2	136·3	54·5	...	54·3	40·2	14·2	28·6	26·7	43·9	33·6
Khulna ...	Khulna	1	7	...	...	...	1,000·0	114·1	...	...	...	1	1	..	1	...	2	1	2	...	...	409·4	65·2	...	71·9	...	96·9	62·0	159·5	...	...
Dinajpur ...	Dinajpur	4	11	14	...	...	2,212·8	94·4	113·6	...	...	...	2	2	...	1	7	3	5	3	6	...	120·4	83·1	...	51·2	135·0	63·1	165·8	188·0	486·3
Rajshahi ...	Rampur Boalia ...	...	18	11	...	...	...	94·5	58·3	...	...	3	3	1	2	...	4	6	2	...	6	384·2	110·0	25·0	57·7	...	50·0	86·6	42·4	...	482·0
Rangpur ...	Rangpur	...	15	20	...	...	...	120·4	156·4	...	...	5	2	4	2	5	4	3	5	1	4	1,115·9	116·2	165·3	94·0	241·9	65·7	56·7	164·7	70·7	403·9
Bogra ...	Bogra	...	3	...	...	...	...	58·5	...	...	...	1	..	...	...	...	...	...	2	...	..	379·6	...	...	...	...	...	...	153·2	...	...

Pabna ...	Pabna ...	...	8	11	...	...	...	58·3	70·6	...	...	3	3	2	1	1	3	3	1	2	...	392·9	107·0	61·5	37·7	42·3	53·7	62·5	30·5	102·9	...
	Sirajganj ...	...	6	3	...	...	...	30·4	12·7	...	...	1	2	...	...	1	...	1	1	2	1	96·5	43·5	...	...	31·7	...	16·4	23·2	83·3	44·6
Darjeeling ...	Darjeeling ...	...	5	...	2	...	...	56·6	..	63·0	...	1	...	...	1	2	1	...	...	2	...	429·8	...	...	106·6	162·5	26·0	...	...	426·2	...
Jalpaiguri ...	Jalpaiguri ...	...	1	2	...	...	...	12·2	28·5	...	...	1	1	...	...	..	..	1	...	...	...	353·7	70·6	...	...	...	...	34·5	...	...	...
Dacca ...	Dacca ...	..	31	42	...	...	...	40·0	52·9	...	...	19	11	9	5	2	8	6	1	5	7	520·5	77·6	47·2	32·7	14·2	27·2	26·8	6·2	54·9	65·3
	Naráinganj ...	...	...	4	...	...	...	...	33·8	...	...	4	...	...	...	...	...	...	...	...	...	745·5	...	...	...	...	...	...	...	...	...
Faridpur ...	Faridpur ...	...	8	6	...	...	...	77·8	64·3	...	...	2	2	2	...	2	2	...	...	1	3	372·8	83·4	103·8	...	145·5	56·0	...	...	64·5	210·5
Backergunge...	Barisál ...	...	8	8	...	...	...	68·9	60·9	...	...	3	1	1	2	3	3	2	...	1	..	795·9	61·1	48·0	91·4	123·4	49·3	41·7	...	58·3	...
Mymensingh ...	Nasirabad ...	...	2	2	...	...	...	13·6	14·7	...	..	1	...	...	...	...	...	1	1	1	...	235·3	...	...	...	...	...	17·8	29·5	56·4	...
Chittagong ...	Chittagong ...	...	5	22	...	...	...	44·3	74·3	...	...	2	6	2	2	...	8	...	1	2	4	184·7	158·6	41·6	40·4	...	89·9	...	23·0	95·9	261·3
Noakhali ...	Sudharam ...	...	3	5	...	...	...	60·9	102·8	...	...	1	1	...	...	1	...	1	3	...	1	666·7	146·1	...	...	84·1	...	59·6	305·3	...	262·6
Tippera ...	Comilla ...	...	1	7	...	...	...	8·7	49·3	...	...	1	1	...	...	2	1	1	1	1	...	175·1	39·8	...	...	82·7	18·8	26·1	39·6	64·9	...
Patna ...	Patna City ...	1	82	13	...	...	146·5	35·8	16·5	...	...	10	7	2	5	3	6	10	12	6	35	120·6	24·9	6·2	18·1	14·0	10·8	22·4	33·1	22·1	131·8
	Bihár ...	...	19	12	...	...	...	29·3	40·8	...	...	11	4	2	...	...	2	2	3	3	4	385·2	35·9	17·2	...	...	12·3	14·8	30·3	43·1	57·8
	Dinapore ...	...	10	4	...	...	.	13·5	17·8	...	...	5	1	1	...	...	1	1	...	4	1	186·0	9·4	8·3	...	...	5·7	6·9	...	54·7	12·7
Gaya ...	Gaya ...	...	74	10	...	..	...	64·1	32·3	...	...	21	4	1	...	2	6	8	16	13	13	610·1	32·7	7·4	...	19·9	21·2	32·7	85·1	102·9	131·3
Shahabad ...	Arrah ...	...	24	4	...	...	...	40·2	16·8	...	...	4	7	...	...	...	4	1	2	2	8	161·5	82·1	...	...	...	26·5	8·1	22·2	33·6	144·2
	Buxar ...	...	11	4	...	...	...	47·1	57·9	...	...	1	1	...	1	...	3	4	2	1	2	125·3	30·2	...	28·3	...	48·8	68·4	49·0	47·2	96·1
Muzaffarpur ...	Muzaffarpur ...	..	34	15	...	...	..	58·9	62·5	...	...	12	7	2	3	3	4	6	4	5	3	653·4	90·1	23·1	39·4	51·5	24·2	44·7	41·5	80·1	64·1
Darbhanga ...	Darbhanga ...	...	49	16	...	...	...	52·6	47·4	...	...	18	4	4	2	3	8	5	4	10	7	601·2	27·3	26·6	18·7	38·8	31·2	23·3	27·9	118·5	114·0
Saran ...	Chapra ...	...	32	2	..	...	...	42·0	8·7	...	...	5	4	...	1	3	2	1	4	4	10	184·3	40·3	...	10·4	44·9	11·3	6·7	34·2	50·3	152·9
Champaran ...	Motihari ...	...	7	1	...	...	...	48·4	18·8	...	...	...	...	3	...	...	1	...	...	2	2	...	...	141·2	...	...	25·8	...	...	111·5	171·3
Monghyr ...	Monghyr ...	...	38	12	...	...	...	44·2	49·6	...	...	5	4	3	2	...	3	4	7	5	17	175·1	33·4	22·1	18·1	...	15·1	25·3	57·1	65·4	246·4
	Jamálpur ...	...	11	4	...	...	...	55·2	67·0	...	...	4	4	...	...	...	...	...	2	2	3	585·9	136·6	...	...	...	...	...	74·1	151·8	233·9
Bhágalpur ...	Bhágalpur ...	1	75	15	..	...	134·7	79·7	41·3	...	...	20	11	9	4	2	6	8	10	4	17	724·7	88·2	66·3	28·6	21·0	23·9	37·9	68·1	41·0	205·4
Purnea ...	Purnea ...	...	3	3	...	...	...	17·0	27·6	...	...	...	1	...	...	...	2	...	...	...	3	...	43·0	...	...	...	31·7	...	...	...	193·3
Malda ...	English Bazar ...	...	4	2	...	...	...	28·6	20·2	...	...	1	1	2	1	...	...	...	1	...	...	176·3	54·6	69·3	42·1	...	...	...	35·3	...	...
Sonthal Parganas.	Deoghur ...	...	21	1	...	...	...	141·7	175·1	...	...	2	4	2	3	1	3	2	4	...	1	800·0	361·7	147·3	248·0	80·2	82·7	64·8	222·0	...	136·1
Cuttack ...	Cuttack ...	1	21	3	...	...	28·1	32·5	20·2	...	...	6	3	...	...	1	7	1	1	3	3	344·1	41·7	...	...	12·9	41·8	8·5	11·5	50·6	52·9
Puri ...	Puri ...	...	32	1	...	...	...	65·8	247·6	..	...	3	1	2	1	1	6	7	5	2	5	514·9	28·9	46·4	27·7	28·0	59·1	89·8	78·2	46·6	144·0
Balasore ...	Balasore ...	...	17	1	...	...	...	52·5	16·9	...	...	...	2	1	...	1	6	2	2	2	2	...	55·8	20·3	...	30·4	76·5	35·5	46·8	81·2	89·8
Hazáribágh ...	Hazáribágh ...	...	13	5	...	..	...	61·5	63·1	...	...	3	4	...	...	...	2	2	...	2	5	320·3	114·2	...	...	...	40·0	48·8	...	97·9	310·6
Lohardaga ...	Ranchi ...	..	4	1	...	1	..	22·6	9·6	...	22·0	2	...	...	...	...	1	1	1	1	...	221·3	...	...	...	...	13·6	16·9	28·6	53·0	...
Singhbhum ...	Chaibassa ...	..	3	...	...	...	...	30·5	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	136·7	...	...	...
Manbhum ...	Purulia ...	2	6	...	...	...	409·4	40·0	...	...	...	1	..	1	...	...	2	...	3	...	1	293·8	...	47·1	...	...	52·1	...	176·7	...	151·6
	TOTAL ...	17	1,170	415	2	1	55·7	51·0	44·7	50·5	10·9	236	184	102	68	68	203	193	196	146	229	308·6	57·5	30·0	22·8	27·4	30·6	34·8	50·9	63·0	115·4

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 25th April 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.,*

Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT, BENGAL

IRRIGATION BRANCH.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1891-92.

Areas leased for irrigation up to end of February 1892.

Circle.	District.	Canal.	Estimated full discharge.	Average discharge in month.	Discharge utilised.	Approximate area of land irrigated during the year up to the end of the month.	Approximate area of land under irrigation up to the same date last year.	Details of areas leased. Five years, all crops.	Five years, kharif.	Annual leases. Kharif.	Rabi.	Sugarcane.	Bhadoi.	Hot-weather.	Total.	GRAND TOTAL.	Rainfall, 1891-92. During month.	Up to end of month.	Rainfall, 1890-91. During month.	Up to end of month.	REMARKS.
			C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	Inches.	Inches.	
ORISSA	Cuttack	Taldunda, 1st reach	1,342	77	2	10,537	10,584	......	10,590	......	273	21	......	......	294	10,864	0·40	77·00	0·05	70·73	Kulsai.
		Ditto, 2nd „	566	59																	
		Machgong	776	18	......	33,358	27,339	......	3[illegible],809	2,439	63	4	......	......	2,506	33,405	0·65	62·84	0·25	58·28	Balia.
																	0·25	52·23	0·[illegible]5	6[illegible]·75	Jagatsingpur.
		Kendrapara	1,067	231·62	113·43	47,831	52,[illegible]53	......	51,990	......	3,330	50	......	......	3,350	55,370	0·03	46·98	1·46	53·81	
		Gobri	372·82	50·62	25·27	3,063	5,059	......	3,312	......	74	......	......	......	74	3,386	......	73·33	3·23	55·68	
		Do. Extension	648	34·76	12·84	3,633	4,068	......	3,418	......	20	......	......	......	20	3,438	No gauge.		No gauge.		
		Pattamoondi	885	78·41	43·65	13,541	12,645	......	1[illegible],785	......	44	......	......	......	44	12,829	No gauge.		0·20	46·00	
		High Level, Range I	608	250	9	21,410	20,611	......	22,074	......	17	11	......	......	28	22,1[illegible]3	......	42·84	No gauge.		
		Ditto, ditto II	726·16	......	......	2,732	2,526	......	2,529	......	62	......	......	......	62	2,591	......	......	......	......	
	Balasore	Jajepore Canal	700	......	......	1,366	...	......	662	5	......	......	......	......	5	667	......	......	......	......	
		High Level, Range III	726·16	......	......	37,201	36,477	......	40,785	......	1	207	......	......	208	40,993	......	62·00	2·04	45·37	
		Total	......	......	......	174,672	171,962	......	179,044	2,444	3,884	293	......	......	6,621	185,665	......	......	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	......	178,746	......	4,282	253	......	......	4,535	183,2[illegible]1	......	......	......	......	
SOUTH-WESTERN.	Midnapore	Midnapore	1,411	98	......	76,673	75,861	......	76,776	......	......	......	......	......	......	76,776	0·17	55·09	0·42	50·05	Whole month discharging.
	Howrah	Panchkoora	522	2	......	5,258	4,615	......	5,847	......	......	......	......	......	......	5,847	0·00	41·00	1·99	51·17	Three days discharging.
		Tidal Reaches, Ranges I-II	......	......	......	375	383	......	376	......	......	......	......	......	......	376	......	......	......	......	
		Total	......	......	......	82,306	80,839	......	82,999	......	......	......	......	......	......	82,929	......	......	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	......	81,926	47	......	......	......	......	47	81,973	......	......	......	......	
SONE	Shahabad	Western Main	4,342	1,644	154	54,111	19,078	14,400	......	1,[illegible]0	34,093	112	......	155	36,570	49,970	1·21	20·19	0·12	51·72	
		Buxar	1,228	279	186	126,519	60,165	57,920	......	3,203	59,[illegible]1	135	26	2,864	65,229	1[illegible]3,149					
		Arrah	2,000	982	503	167,443	157,618	109,204	......	13,607*	23,338	575	169	6,954	44,646	153,850	1·25	25·33	0·20	64·97	* The decrease is due to the conversion of annual into 5-years leases.
	Patna and Gaya.	Eastern Main	1,466	453	361	2,536	1,639	1,258	......	457	709	8	1	......	1,175	2,433	1·75	35·79	0·28	61·84	
		Patna				83,456	63,735	52,005	......	18,549†	11,308	280	324	......	30,7[illegible]1	8[illegible],766					† Ditto.
		Total	......	......	......	433,545	282,258	234,787	......	37,326	128,449	1,113	520	9,973	177,381	41[illegible],169	......	......	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	222,840	......	28,624	16,250	3,961	300	8,444	57,579	280,419	......	......	......	......	
		Grand Total	......	......	......	690,523	535,089	234,787	262,043	39,770	132,333	1,406	520	9,973	184,002	680,832	......	......	......	......	
		Grand Total of the corresponding period of last year	......	......	......	......	......	222,840	260,672	28,671	20,532	4,214	300	8,444	62,161	545,673	......	......	......	......	

CALCUTTA,
The 26th April 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 23rd April 1892, as compared with the corresponding week of the previous year.

Nature of Cargo.	Week ending Saturday, the 23rd April 1892.			Week ending Saturday, the 25th April 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	92	19,815	282	234	39,445	585
Jute	1	200	4	36	19,275	413
Firewood	53	28,625	428	58	29,600	466
Other articles	427	1,06,649	1,426	607	1,32,790	1,802
Total ...	573	1,55,289	2,140	935	2,21,110	3,266

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 16th April 1892, on 1,552¾ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	273,113	3,06,137 3 0	31,75,842 20	7,88,243 0 0	18,040 15 0	11,12,421 2 0	78,127½	122,408	200,535½
Or per mile of railway	......	197 2 6	......	507 10 4	11 9 11	716 6 9	......	......	......
For previous 14 weeks of half-year	4,637,040	45,75,976 14 0	3,94,25,214 10	92,86,986 10 8	2,49,532 9 9	1,41,12,496 2 5	1,100,934¼	1,495,325¼	2,596,260¼
Total for 15 weeks ...	4,809,753	48,82,114 1 0	4,26,01,056 30	1,00,75,229 10 8	2,67,573 8 9	1,52,24,917 4 5	1,179,061¾	1,617,783¾	2,796,703¾
Comparison.									
Total for corresponding week of previous year	298,219	3,19,045 1 10	26,59,283 20	6,05,856 4 11	21,826 15 2	10,36,728 5 11	74,510	104,845	179,355
Per mile of railway corresponding week of previous year ...	......	209 2 3	......	456 2 5	14 4 11	679 9 7	......	......	......
Total to corresponding date of previous year	4,367,473½	53,19,516 15 0	4,15,43,191 30	99,56,026 15 6	3,28,767 14 6	1,56,05,211 13 0	1,167,132	1,547,838	2,714,970

PATNA-GAYA STATE RAILWAY.

Approximate Return of Traffic for week ended 16th April 1892, on 57¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*14,576	*6,606 8 0	66,156 0	5,203 3 0	52 0 0	11,861 10 0	1,457	1,328	2,785
Or per mile of railway	255	115 8 0	1,156 30	90 15 5	0 14 6	207 5 11	......	......	......
For previous 14 weeks of half-year	219,478	1,17,301 14 0	8,99,149 10	53,126 12 0	713 9 3	1,71,142 3 3	25,183	13,170	38,353
Total for 15 weeks ...	234,054	1,23,908 6 0	9,65,305 10	58,329 14 0	765 9 3	1,83,003 13 3	26,640	14,498	41,138
Comparison.									
Total for corresponding week of previous year	16,425	7,755 13 9	58,541 10	4,274 14 0	49 13 9	12,080 9 6	1,542	852	2,394
Per mile of railway corresponding week of previous year ...	287½	135 9 6	1,023 20	74 11 9	0 13 11	211 3 2	......	......	......
Total to corresponding date of previous year	387,766½	1,68,327 13 9	7,43,430 10	51,708 5 0	913 1 6	2,20,949 4 3	24,796	12,609	37,405

* The decrease is in Gaya pilgrims.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 16th April 1892, on 22½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	34,353	10,170 0 0	10,287 20	440 5 0	13 0 0	10,623 5 0	1,114	118	1,232
Or per mile of railway ..	......	457 1 3	......	19 12 8	0 9 4	477 7 3	......	......	......
For previous 14 weeks of half-year	327,603	83,949 12 0	2,72,190 10	9,628 1 9	176 0 9	93,753 14 6	12,632	1,521	14,153
Total for 15 weeks ...	361,956	94,119 12 0	2,82,477 30	10,068 6 9	189 0 9	1,04,377 3 6	13,746	1,639	15,385
Comparison.									
Total for corresponding week of previous year	37,059	10,681 7 10	8,461 30	326 1 0	9 10 6	11,017 3 4	1,181	73	1,254
Per mile of railway corresponding week of previous year ...	......	480 1 1	......	14 10 6	0 6 11	495 2 6	......	......	......
Total to corresponding date of previous year	404,986	1,09,774 1 8	2,24,140 0	7,687 2 0	158 13 6	1,17,600 1 2	14,606	1,608	16,214

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 16th April 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-mile run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	15,381	14,344 11 0	44,592 30	7,567 8 0	66 0 0	21,978 3 0	6,883½	2,280	9,163½
Or per mile of railway	......	88 8 9	......	46 11 5	0 6 6	135 10 8	......	......	......
For previous 14 weeks of half-year	230,874	1,73,260 2 0	6,49,392 20	1,21,916 1 0	893 15 9	2,96,070 2 9	85,764	30,208½	115,972½
Total for 15 weeks ...	246,255	1,87,604 13 0	6,93,985 10	1,29,483 9 0	959 15 9	3,18,048 5 9	92,647½	32,488½	125,136
Comparison.									
Total for corresponding week of previous year	30,496½	15,478 15 0	34,415 20	8,939 4 3	67 1 0	24,485 4 3	7,427	2,159	9,586
Per mile of railway corresponding week of previous year ..	......	95 8 9	......	55 2 11	0 6 8	151 2 4	......	......	......
Total to corresponding date of previous year	119,435½	1,06,225 2 11	2,29,439 20	57,524 7 3	702 15 0	1,64,452 9 2	45,352	11,202	56,554

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhut State Railway.)

Approximate Return of Traffic for the week ending 9th April 1892, on 755 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Coaching.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 755 miles open	122,580	56,090	4,64,350	70,230	12,830	1,39,150	12,921	19,842	32,763
Or per mile of railway	162·36	74·29	615·03	93·02	16·99	184·30	......	......	......
For previous 13¾ weeks of half-year (a)	1,221,649	5,45,396	44,29,149	6,12,204	1,30,370	12,87,979	160,852	225,426	386,278
Total for 14¾ weeks ...	1,344,229	6,01,486	48,93,499	6,82,434	1,43,209	14,27,129	173,773	245,268	419,041
Comparison.									
Total for corresponding week of previous year on 705 miles open	93,321	41,010	4,56,879	65,071	9,860	1,16,841	10,650	18,971	29,621
Per mile of corresponding week of previous year	132·37	59·45	648·06	29·30	13·98	165·73	......	......	......
Total to corresponding date of previous year	1,344,922	5,83,427	59,19,147	8,33,304	1,26,037	15,42,768	157,603	276,714	434,317

(a) Includes audited figures up to 30th January 1892.

Printed and published by Edwin Morris Lewis at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 27th April 1892.

REGISTERED No. 29.]

No. 18 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, MAY 4, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

Abstract of the Proceedings of the Council of the Lieutenant-Governor of Bengal, assembled for the purpose of making Laws and Regulations under the provisions of the Act of Parliament 24 and 25 Vic., Cap. 67.

THE Council met at the Council Chamber on Saturday, the 23rd April, 1892.

Present:

The HON'BLE SIR CHARLES ALFRED ELLIOTT, K.C.S.I., Lieutenant-Gover nor of Bengal, *presiding*.
The HON'BLE J. T. WOODROFFE, *Offg. Advocate-General.*
The HON'BLE SIR HENRY HARRISON, KT.
The HON'BLE T. T. ALLEN.
The HON'BLE H. J. S. COTTON.
The HON'BLE H. H. RISLEY, C.I.E.
The HON'BLE DR. MAHENDRA LAL SIRCAR, C.I.E.
The HON'BLE SHAHZADA MAHOMMED FURROKH SHAH.
The HON'BLE A. H. WALLIS.
The HON'BLE MAHARAJAH SIR HARENDRA KISHORE SING BAHADUR, K.C.I.E.
The HON'BLE GONESH CHUNDER CHUNDER.

NEW MEMBERS.

THE HON'BLE MESSRS. WOODROFFE and RISLEY and BABU GONESH CHUNDER CHUNDER took their seats in Council.

STATEMENT OF THE COURSE OF BUSINESS.

THE HON'BLE THE PRESIDENT said:—"Before we begin the proceedings of the day, I ask your permission to make a brief statement of the course of legislation which I propose to lay before the Council, and which I trust will be carried through in the Session which we have to-day begun. You are aware, no doubt, that we had two Bengal Bills which would, in the ordinary course, have been laid before this Council. One was a Bill to amend the Court of Wards' Act, and the other was a Bill to create and define the terms of service for a new body—the Bengal Military Police—in which the existing Military Reserves and the force known as the Chittagong Hills Frontier Police, now serving in the South Lushai district, are merged. Both of these Bills were, however, taken over by the Government of India, and have been passed into law by the Supreme Legislative Council, and consequently there was no legislative work ready to be laid before this Council during the cold weather.

"We, however, are not confined, like the Supreme Council, to the short period of the cold weather for carrying on our legislation, but we are able to conduct it all through the year. I trust in the present Session we shall be able to pass three Bills. Two of these are to be introduced and laid before the Council and, I believe, forwarded one stage to-day. These are the Bill to amend the Village Chaukidari Act of 1870 and the Bill to make better arrangements for the distribution of the charges for keeping up a Fire-brigade in Calcutta. The objects and reasons and the nature and provisions of these Bills will be laid before the Council by the hon'ble members in charge, and it is unnecessary for me to make any remarks upon them.

"There is a third Bill which I should have been glad, if it had been possible, to present to you to-day. I mean the Bill to amend the Bengal Municipal Act. We are not, however, sufficiently forward with our preparations to enable me to ask the Council to permit its introduction to-day. The Bill has been drafted in a tentative form, and has been circulated to all District Officers in Bengal with instructions to procure the opinions of the different Municipal Corporations in their districts upon the provisions of the Bill; and though that was done some months ago, and I hoped that by this time we should have had all the replies ready and tabulated and a précis made of them, so that, after making any necessary alterations in the first tentative draft, the Bill might have been brought forward and published to-day, the replies have not been received from a good many districts, and the case did not appear to be sufficiently forward to justify me in troubling the Council with it upon this occasion. I trust, however, that we shall meet again in July, and I may then be able to lay this Bill before you, and that we shall possibly either complete it during the Session of July and August, or possibly it may be necessary, in order to fully consult public opinion and to give the amplest consideration to all the changes which may be proposed and to all objections which may be taken, to postpone it till the cold weather. However, with regard to the other two Bills, which, I believe, contain much less contentious matter, I trust we shall be able in the Session of July and August to give them final consideration and to pass them into law.

"The programme of our legislation is therefore this, that these two Bills shall be introduced to-day and referred to Select Committees, and that the further consideration of them shall be taken up in July, so that they may in all probability be passed into law in July and August; and that the Municipal Act Amendment Bill shall be introduced in July, and such progress as may be found possible made with it so as to complete it in that Session, or else, if necessary, to postpone it for a month or two later, but at any rate to carry it through before the end of the calendar year."

VILLAGE CHAUKIDARI ACT, 1870, AMENDMENT BILL.

THE HON'BLE MR. COTTON moved for leave to introduce a Bill to further amend the Village Chaukidari Act, 1870.

He said:—"Mr. President, as I shall ask you to be good enough to suspend the Rules for the Conduct of Business to enable me to introduce this Bill in Council, I do not propose to address the Council on the subject of the Bill at the present stage. I now merely ask permission to introduce the Bill."

The Motion was put and agreed to.

The HON'BLE MR. COTTON said:—"I now apply to your Honour to suspend the Rules of Business to enable me at this meeting to introduce the Bill to further amend the Village Chaukidari Act, 1870, and to move that it be read in Council. The object of my asking for this suspension of the Rules of Business is merely to be able to advance the Bill a definite stage to-day, in order that it may be published, and that public opinion may be obtained upon it before measures are taken for passing it into law."

The HON'BLE THE PRESIDENT having declared the Rules of Business to be suspended—

The HON'BLE MR. COTTON said:—"The Bill which I have now in my hands is a comparatively small measure. It effects further amendments in the Village Chaukidari Act of 1870, which hon'ble members will doubtless recollect has been on two or three occasions before this Council for amendment. An amendment of that Act was passed in 1871, and again after considerable discussion, in 1886.

"Although this Bill is in its way a very small measure, I shall, I fear, be obliged to occupy the time of the Council for a few minutes in explaining its principle, which is opposed in some important particulars to the principle of the existing law. The village watch of Bengal, as of all India, is one of the oldest institutions of the country connected with the village system itself, and the village watchman of ancient Hindu times is substantially the counterpart of the village watchman as he is recognised by existing legislation; that is to say, the village watchman is ordinarily a member of an hereditary thieving caste, and responsible for his behaviour to no one except to the village community by whom he is maintained. That was the constitution of the village watch in ancient Hindu times, and it is practically the constitution of the village watch at the present day. Under the Mogul administration there was some change effected. The character of the Mogul Government was eminently fiscal, and the village watchman, instead of being the village servant, became to a very large extent the servant of the zamindar, and that dual position remained for a very long time under British rule, and still remains in all parts of the country where Act VI of 1870 has not been enforced. The object of Act VI of 1870 was to place the village watch everywhere under the control of the village organization. The principle of the Bill, as stated by the hon'ble member who introduced it, was this:—'The village watchman is purely a village servant employed for the protection of the lives and the property of the villagers, and looking to the village community for the regular payment of the remuneration to which he is entitled.' It was laid down at that time in this way. It was said municipalise more, trust the people, trust the villagers with the control of their own village watch, and great improvement in Police administration will ensue. That doctrine was of course hotly discussed and disputed in this Council; but ultimately it prevailed, and the effect of the present chaukidari law is to place the village watch entirely under the control and under the influence of the village community. The Bill, I have now the honour to place before you, introduces a modification of this principle. It is my own view strongly, and it is the view of the present Government, that the Police is a branch of the administration which ought to be brought into closer relations with the Government; and I for one—and I trust the Council will join me in this—look forward to the time when the village watch will be so largely modified as to become the real efficient Police of the country, and when the existing constabulary will have virtually no other functions to discharge than those of escort and guard, and to some extent that of process-serving. The present Bill is a slight step in this direction—not a very decisive step perhaps—for it does not pretend to be more than a very gradual and small measure, but it is a step in the direction of centralizing Police administration, and of bringing the village watch much more than it now is under the immediate supervision of the District Magistrate who represents the Government in the mufassal. I apprehend, gentlemen, that this change of principle which we are introducing will, so soon as it is realised, be unfavourably received by a considerable section of public opinion in Bengal. The meaning of the Bill does not, however, seem to have been understood as yet by the general public, for I have before

me the report of the Indian Association, who so far misconceive the object of the Bill as to say that they welcome it as a further expansion of the principle of Local Self-Government in these Provinces. The prayer of the Association is, that further powers may be given to the punchayet of the village. Now I must say, once for all, that this Government does not look on the administration of the Police as in any way connected with the development or extension of the principle of Local Self-Government; on the contrary, we believe that if there is any duty of the Government which it is inexpedient to municipalise, it is the control of the Police. The inhabitants of a village have no claim to a municipal administration in any respect, still less have they any claim to control the Police. For the discharge of such duties the highest possible qualifications must be secured, and when the low calibre of the men who constitute a village punchayet is considered, the advantage appears to be wholly on the side of a Police administration by the Central Government. I am not only expressing my own decided opinion in this matter, but I may remind the Council that the subject is amply discussed by no less an eminent authority than the late Mr. John Stuart Mill, whose book on representative Government might well be more widely read in this country amongst the friends and advocates of Local Self-Government. He lays down in that volume with great force and clearness that the Police is a department of the Government which cannot be entrusted to the representatives of a rural tract; and so in England, we have withdrawn the control of the village police from the villagers, and the old village watch has disappeared. In Bengal we do not go so far as to desire that the village watch of this country shall altogether disappear, and we wish to adhere to the only sound element of the chaukidari system, viz., that of retaining the local knowledge of men resident in the village in which they are to be employed; but we do desire to modify it materially, and the direction this modification takes is, by placing the village watch more under executive authority than it now is.

"At present the punchayet, which is in other words the representative of the village community, not only appoints the chaukidars, but has authority under the law to decide within specified limits how many chaukidars shall be employed and to fix their salaries. On these three main points the power and authority of the punchayet is curtailed by the present Bill. It is proposed to allow the punchayet to nominate, but the appointment of the village watch will rest in future with the District Magistrate. It is laid down also that the Magistrate and not the punchayet shall determine the number of chaukidars within specified limits. This is a proviso which experience has shown to be very necessary. The law authorises the punchayet now to fix the number of chaukidars, and in practice it has been found that they reduce the number, and the Magistrate has been obliged to interfere to maintain the minimum number of chaukidars prescribed by law. They have done so without any specific legal authority, but it is only in this way that the full number of chaukidars has been maintained. Under the present Bill, the Magistrate is vested with the power he has hitherto informally exercised. Similarly, it is proposed—and this is a point of at least equal importance—that the Magistrate shall fix the salary of the chaukidar. The salary is now fixed by the punchayet, and the tendency is to fix it at a rate so low as to be below the standard of efficiency. *Per contra* there is a provision in the present Bill which may be said to be of a more radical character than anything the present law contemplates. Under the present Act, the punchayet is appointed by the District Magistrate. The Bill, I have in my hand, proposes that under certain conditions the punchayet may be elected by the villagers, introducing thereby the elective principle into villages. Now, Mr. President, this is not a section of the Bill with which I personally have much sympathy. My own view is not in favour of introducing democratic institutions into India, and I do not think that the introduction of the elective principle into villages will be calculated to benefit the villagers in any way. However, it has been thought advisable to leave this section in the Bill for the present, and it is hoped that there may be a discussion in Council, and that public opinion may be elicited, so that the Government may know what the views of others are on the subject. The idea is one which was put forward by the late Police Commission, and the Government are not pledged to it in any way; but if it is found that public opinion, as expressed through this Council, is in favour of the provision, then the Government will have no objection to allow it to remain.

"For the rest, the changes proposed in the law are more or less of detail. Powers of arrest are given to chaukidars, thus assimilating their powers to those now exercised by the regular Police. An important section is introduced authorising the Magistrate, if the collections by the punchayet are very bad, or if he finds that the chaukidar is imperfectly paid, to appoint a Government Collector of the chaukidari tax by whom the chaukidari rate will be levied and paid to the chaukidar. This is a provision which exists in the present law only, so far that it is within the competency of the punchayet to apply to the Magistrate to appoint a tahsildar. But the Bill authorises the Magistrate under specified conditions to appoint a tahsildar of his own accord.

"And then, lastly, there is a section introduced under which fines imposed on chaukidars are credited to a District Chaukidari Reward Fund, the control of which rests with the Magistrate. At present fines, when realised, are credited to the Village Chaukidari Fund; that is to say, they pass to the punchayet. The Magistrate has no control over them, and the effect is that if the punchayet and the chaukidar work together and are friendly one with the other, no fine whatever can be inflicted on the chaukidar. It is thought desirable that the Magistrate of the district should have the power of inflicting some punishment on chaukidars other than dismissal. The fine will then be credited to a Reward Fund for distribution among deserving chaukidars, a provision which has always been much needed, and is calculated to improve the administration of the Village Police Force.

"The present legislation will not in any way touch Part II of the existing Act, which relates to chakran or service land. That is a very complicated and elaborate matter, which is reserved for further consideration and legislation. The present Bill is introduced simply with the objects, I have described, of strengthening the control of the executive authorities over the village police.

"I have now the honour to introduce the Bill and to move that it be read in Council."

The Motion was put and agreed to.

The Bill was read accordingly.

The HON'BLE MR. COTTON said:—"I now move that the Bill be referred to a Select Committee. I may say that it is the intention of the Government to circulate the Bill widely, and to invite non-official as well as official opinion upon it. I propose to add the name of the Hon'ble Mr. Risley to those on the paper. He was a member of the Police Commission, and is in a position to afford valuable assistance in considering the measure. The Committee to whom I propose to refer the Bill will, therefore, consist of the Hon'ble Sir Henry Harrison, the Hon'ble Mr. Allen, the Hon'ble Mr. Risley, the Hon'ble Babu Gonesh Chunder Chunder and the Mover."

The Motion was put and agreed to.

LICENSED WAREHOUSE AND FIRE-BRIGADE BILL.

The HON'BLE SIR HENRY HARRISON moved for leave to introduce a Bill for the regulation of Warehouses and the maintenance of a Fire-brigade.

He said:—"As I am going to ask your Honour afterwards to suspend the Rules of Business, I need not make any remarks on the Bill at this stage."

The Motion was put and agreed to.

The HON'BLE SIR HENRY HARRISON applied to the President to suspend the Rules of Business to enable him to introduce the Bill, and to move that it be read in Council and referred to a Select Committee.

The HON'BLE THE PRESIDENT having declared the Rules suspended—

The HON'BLE SIR HENRY HARRISON said:—"I now beg to introduce the Bill, and to move that it be read in Council. The main object of this Bill is, in on

word, to relieve the jute industry from bearing the entire cost of the Fire-brigade in Calcutta as it now does. The jute industry has reached this position rather by a process of drift than by any intention on the part of the Legislature, to saddle it with the whole of this charge. As a matter of fact, the Fire-brigade in Calcutta and the establishment of jute warehouses in Calcutta, were almost synchronous. Prior to 1872, there was no Fire-brigade worthy of the name; the Municipality maintained a few hand engines, and whatever they maintained, they paid for. In 1866, when the Municipal Act was amended, the danger arising from jute warehouses, especially from unpressed jute, was so great that certain sections were introduced to provide for the right of inspecting them. Soon after, in 1871, severe fires broke out in Calcutta, which were distinctly traceable and due to jute warehouses, and upon that the Chamber of Commerce, the Trades Association, the British Indian Association, and several other bodies petitioned the Government to take the matter into their serious consideration and protect the public, and the outcome of that was the first Act of 1872, which imposed fees on jute warehouses varying from Rs. 2-0 to Rs. 1,000, and at the same time provided for the maintenance of an efficient Fire-brigade, and steam fire-engines were ordered out in that year for the first time. Apparently it was not the intention of the Act that the fees should cover the entire cost of the Fire-brigade, because a tax was imposed on insurance offices at the rate of eight annas on every Rs. 10,000 insured, and it was also provided that the Municipalities of the town and the suburbs should make good any deficiency in the income. But, as a matter of fact, partly, I suppose, owing to the great multiplicity of jute warehouses, and partly owing to the fees having been fixed so high, the income very far exceeded the expenditure, as would be seen by the fact that between 1872 and 1881, the Government made grants from the Fire-brigade Fund of Rs. 40,000 to widen the street opposite the Municipal Office; of Rs. 16,552 as a contribution towards the Lock Hospital; of Rs. 10,000 for improvements in the suburbs, and, lastly, of Rs. 60,000 to help towards the widening of a portion of the Chitpur Road. Thus it came about that, although a small portion may have been due to the tax upon insurances which was not abandoned till 1879, practically the jute industry paid for the whole of the Fire-brigade, and so much more that large funds accrued at the disposal of the Government which were appropriated for beneficial purposes for the town and suburbs. Accordingly in 1879 another Act was passed—one amending Act had already been passed in 1875 which does not bear much upon the present question—in order to reduce the fees. The tax on insurances being no longer required was abandoned, and it was arranged that the Government should fix the rates in accordance with the recommendation of the Commissioners, and as a matter of fact, the rate was fixed at a sum not exceeding ten per cent. upon the annual valuation of jute warehouses; and a rule was also passed that the town should bear 7-10ths and the suburbs (not Howrah) 3-10ths of the entire cost of the Brigade. However, as the number of jute warehouses went on increasing, and as land was cheaper and sites more available in the suburbs, it very soon appeared that the town warehouses had to be taxed very much more than those in the suburbs to keep up these proportions. The suburbs met its 3-10ths share with the greatest possible ease, whereas the town had to keep up the rate at its maximum to meet its share. Accordingly in 1883 the Act No. IV, which it is now proposed to repeal by this Bill, was passed—first, to abandon the proportion of 7-10ths and 3-10ths, and to place jute warehouses in the town and the suburbs on the same footing, and instead of having separate Fire-brigades for Howrah and the town and suburbs, as had been done before, to have one Fire-brigade for the whole urban area, for the town and all its environs on both sides of the river, and to introduce the same rule in Howrah as regards fees upon jute warehouses. It was arranged that the inspection of jute warehouses should be vested in the Municipality, as also the collection of the fees, and for this purpose they were allowed to take 20 per cent. of the entire proceeds, and the remaining 80 per cent. were paid to the Commissioner of Police for the maintenance of the Fire-brigade; and as a matter of fact these fees, with the receipts from the petroleum fees and from other sources, had as nearly as possible just maintained the Fire-brigade. So that since 1883 it had come to this, that the jute industry no longer paid more than was necessary, but it still paid practically the whole cost of the Fire-brigade of the town and its environs. The Fire-brigade,

which is useful, if not often for pucka houses, very much for bustees and huts, has been entirely supported from this one industry alone; for although 'cotton' is included, almost the whole of the receipts come from jute. The Chamber of Commerce represented that this was not fair; that though there was a provision that any deficit should be made good by the Municipality, yet, as a matter of fact, the rate of fees which was levied was sufficient to meet the entire cost of the Fire-brigade, and upon this representation of the Chamber, the Government were evidently satisfied as to the general justice of the protest, and they accordingly appointed a Committee upon which the Chamber, the Police, the Corporation of Calcutta, the Port Commissioners and some others were represented.

"I was one of the members of that Committee, and therefore I am able to speak from personal knowledge of its proceedings. It was found that all were unanimous that it was not just to expect that the whole cost of the Fire-brigade should be paid by one industry. But then two separate principles claimed recognition. One principle was, that though the jute industry ought not to bear the whole cost, it was sound principle that warehouses for hazardous goods, which, combined with huts and bustees, were the chief sources of fires, should pay more than the ordinary sum payable for substantial pucka houses where the risk of fires was very small. The other principle put before us was, as a matter of fact, that all such distinctions, however justifiable in principle, were difficult to carry out in equity and practice, and therefore should be abandoned. Both in Bombay and in England it has been recognised as the simplest and best course to have a uniform taxation on all classes of property. In Bombay, there is a tax of ¾ per cent. on the valuation for the Fire-brigade. In England, Fire-brigades were generally supported in the same way. But the Committee thought that, in the first place, such a principle was not nearly so applicable to India as to England, because in Calcutta there was scarcely any risk of fire at all from pucka houses in which fires were so seldom lighted in the main building; whereas, on the other hand, we have much more risk from warehouses in Calcutta. In the second place, the Committee thought that, although they might not have been willing to introduce it for the first time, a distinction between hazardous and non-hazardous goods which had been recognised for 20 years ought not to be needlessly abandoned. They thought that there was no reason to pass suddenly from one extreme to another, and consequently they adopted the middle course of continuing to place considerable extra taxation on hazardous goods, and at the same time to make the whole community contribute towards the cost of the Fire-brigade.

"On looking about also they saw there was another source of revenue which clearly ought to be utilised. In the town of Calcutta dangerous and offensive trades pay, as is reasonable, extra taxation in consequence of their character, such as depôts of wood, hay, straw, coal and rags which, barring the latter, cannot be said to be offensive but dangerous, and it seemed to them reasonable that their inflammability should be recognised as a source of income towards meeting the cost of the Fire-brigade. Consequently, the Committee thought that the proceeds of these licenses, which in the Municipality were taken over and above the ordinary trade license, ought to be added to the Fire-brigade Fund, and ought to form one source of its revenue.

"Then came the question of apportionment—a very difficult matter to deal with; because it is obvious that so many indirect considerations enter into what is a fair apportionment, that it is hardly possible to do more than adopt a general approximate apportionment. As regards this, the Committee were at first inclined to think that jute and cotton ought to pay 50 per cent., and depôts of wood, hay, straw, &c., 20 per cent. On further consideration and further correspondence with the Chamber, the proposals made were of this kind. In the first place, that the law was defective at stopping at unpressed and unscrewed jute. In the law, as it now stands, which the Bill which is now introduced will repeal, jute and cotton meant respectively jute and cotton not pressed or screwed for shipment. Now it so happened that one of the largest and worst fires recently occurred in a warehouse which had no unscrewed or unpressed jute; and it was asked why should these, which were obviously hazardous goods, though not in the same degree, be exempted altogether. In the same way it was pointed out that all gunnies were extremely dangerous,

and so were rope manufactories; and, therefore, the Chamber contended that the area of hazardous goods ought to be increased. Eventually it was agreed that 20 per cent. was too much to take from depôts of wood, hay, straw, coal and rags, and it was reduced to 10 per cent., and, on the other hand, the percentage to be paid by hazardous goods of the nature of warehouses was extended to 60 per cent. That left 30 per cent. to be met, and the question was considered whether the tax should not be re-imposed upon insurance offices. But looking at the fact that the tax would be paid by the insurers who may be taxed over again, and on various other grounds, the Committee did not recommend that this should be adopted. The Bill, therefore, proceeds on these lines; 60 per cent. of the cost to be imposed on hazardous warehouses, but what is to be exactly included in this has been left somewhat undetermined in the Bill, because the representatives of the Chamber proposed to include a very large number of goods. The Council are probably aware that there is a separate Act for the regulation of petroleum, and that fees are already paid by it for the support of the Fire-brigade. Of course it is not pretended that godowns used for retail trade should be touched. There is a section of the Bill which relates to hazardous goods, but whether all these ought to be included in it or not is a matter upon which the Committee did not make any definite recommendation, because further discussion of them appeared to be infructuous except by the authority which would have the power to decide the point. They thought it best, therefore, to leave it to the Council to determine precisely what should be included. The Bill goes so far as to include, as liable to pay under the hazardous schedule, all kinds of jute, pressed and unpressed, and warehoused for storage, and all store-houses for oil other than petroleum or ropes or rope material or any other substance or thing for the time being subject to the operation of this Act. The system on which it is proposed to work the Act is this: the Commissioner of Police will prepare a budget to show the whole expenditure on the Fire-brigade, on the receipt side of which he shall show all the various receipts for licenses for fireworks, petroleum and other sources. This, of course, will show a deficit which will be met to the extent of 60 per cent. by a tax on warehouses under the Act, and of 40 per cent. on the Municipalities. The reason why 40 per cent. is to be taken from the Municipalities is this, that, under the present law, the Municipalities have the entire control of the license fees from dangerous goods, such as wood, hay, straw, coal and rags, and it was not thought desirable to fetter their discretion more than at present; it was therefore left to them to decide what fee to impose. At present they do get nearly ten per cent. of the cost of the Fire-brigade, but it is open to them, as far as the law allows, to increase or decrease these fees, and then make good the remainder. If they keep the fees as they are now actually collected, the amount which they will have to contribute from other funds will be about 30 per cent. These fees are left in their possession and control, and all the Government will expect from them will be a contribution of 40 per cent. The other 60 per cent. will be raised in a somewhat tentative manner by licenses on hazardous warehouses. Estimates will have to be framed of the assessed value of the properties, and a percentage fixed. If in the first year it proves too much, in the next year the Government will reduce it. Anyhow, it will be the duty of the Government to work this percentage so that it practically provides for the share which falls on these industries. One more change the law introduces, mainly in the interests of economy. It is to transfer the inspection of these warehouses from the Municipality to the Police. The Police have now the inspection of all petroleum godowns; they have facilities in their present establishment far greater than the Municipalities have, who have to maintain a special establishment for the purpose.

"The Police have an organization which already enables them to carry out inspections, and no doubt they will carry it out at a much cheaper cost than the 15 per cent. which is estimated to be the cost to the Municipality. The Municipality will continue to grant licenses at the rate at which the Government may lay down, and they will collect the fees, and after appropriating 5 per cent., will make over the rest to the Government. As regards the charge of the Fire-brigade, the question was raised whether any alteration should be made in its management; but the Committee, and the Government in accordance with their views, considered that the management of the Fire-brigade has been highly

satisfactory. I speak with some personal knowledge, and I think it is very well managed. Though it was originally under the Corporation, it was found convenient as early as 1872 to make over the management to the Commissioner of Police. The Act of 1879 sanctioned this change, and that arrangement has remained in force ever since. But as regards economy and efficiency, it is much better managed than in Bombay, where a ¾th per cent. rate is levied. There the Fire-brigade is in the hands of the Corporation, and the expenses are out of all proportion to the collection of the rates. The Police furnishes a very efficient body of firemen, who are only paid on the occurrence of fires, which is a far more economical arrangement; and it is a great advantage that the same men who have the management of the brigade should, in case of necessity, have Police powers also. Therefore the Act leaves the management and control of the Fire-brigade untouched. These are the general outlines of the Bill under consideration. I now beg leave to introduce it, and to move that it be read in Council."

The Motion was put and agreed to.

The Bill was read accordingly.

The HON'BLE SIR HENRY HARRISON also moved that the Bill be referred to a Select Committee consisting of the Hon'ble the Officiating Advocate-General, the Hon'ble Mr. Wallis, the Hon'ble Shahzada Mahommed Furrokh Shah and the Mover.

The Motion was put and agreed to.

The Council adjourned *sine die.*

CALCUTTA;
The 28th April, 1892.

E. W. ORMOND,
Offg. Assistant Secretary to the Government of Bengal,
Legislative Department.

RESOLUTION REVIEWING THE CHANGES MADE IN THE FACTORY LAW.

GENERAL DEPARTMENT—MISCELLANEOUS.

Calcutta, the 30th April, 1892.

RESOLUTION No. 1312.

READ again—

"The Indian Factories Act XV of 1881."

Read also—

Act XI of 1891, amending Act XV of 1881, and the following papers:—

(1) Letter No. 860, dated the 18th June 1891, from the Government of India regarding the arrangements necessary for the efficient working of the Factory law in Bengal.

(2) Letter No. 287T.—G., dated the 1st October 1891, from this Government to the Government of India, Home Department, regarding the appointment of a special Inspector of Factories for the Lower Provinces and the North-Western Provinces and Oudh.

(3) Letter, dated the 28th October 1891, from A. Smith, Esq., President of the Committee appointed to revise the Bengal Rules under the Indian Factories Act.

(4) Letter No. 1635, dated the 10th December 1891, from this Government to the Government of India, Home Department, submitting the revised draft rules framed by the Committee under section 18 of Act XV of 1891, as amended by Act XI of 1891.

(5) Letter No. 1731, dated the 30th December 1891, from the Government of India, Home Department, suggesting amendments in the draft rules.

(6) Letter No. $\frac{3\text{-Judicial}}{125}$, dated the 27th January 1892, and enclosure, from the Government of India, Home Department, regarding the remuneration to be given to gentlemen of the medical profession who may be appointed Certifying Surgeons and Inspectors of Factories.

(7) Letter No. 133, dated the 28th January 1892, from the Government of India, Home Department, communicating the Secretary of State's sanction to the appointment of a special Inspector of Factories for the Lower Provinces and the North-Western Provinces and Oudh.

(8) Letter No. 278B., dated the 30th January 1892, from the Quartermaster-General in India, recommending, on sanitary grounds, the appointment of Civil Surgeons to be Inspectors of Factories within cantonment limits.

(9) Letter No. 209, dated the 15th February 1892, and enclosure, and endorsement No. 294, dated the 27th January 1892, and enclosure, from the Government of India, Home Department, regarding the jurisdiction and emoluments of the special Inspector of Factories for the Lower Provinces and the North-Western Provinces and Oudh.

(10) Letter No. 151M.G., dated the 14th March 1892, and enclosure, from the Commissioner of the Presidency Division, suggesting amendments in the rules which were published in draft for public criticism.

(11) Memorandum No. 567R., dated the 29th March 1892, and enclosures, from the Public Works Department of this Government, placing the services of Mr. C. A. Walsh, of the Superior Revenue Establishment of State Railways, at the disposal of the General Department for employment as special Inspector of Factories in Bengal and the North-Western Provinces and Oudh.

It appears to the Lieutenant-Governor to be desirable, when publishing the revised rules under the Indian Factories Act, to take the opportunity to place on record the principal amendments made in the original Act XV of 1881 by Act XI of 1891, which came into force on the 1st January 1892.

2. The principal changes made by the new Act XI of 1891 are as follows:—

(1) The meaning of the term "factory" has been changed, so that it now includes premises (of certain descriptions) where 50 workmen, not 100 as formerly, are employed.

Section 3 of Act XI of 1891.

(2) The term "factory" may be extended to include other premises, for all or sundry purposes, if less than 50, but not less than 20 workmen are employed.

Section 18 of Act XI of 1891.

(3) The term "child" now includes any person under the age of 14 years, and not 12, as formerly. Now, no child under the age of 9 may be employed; formerly, no child under 7 could be employed.

Sections 5 and 9.

(4) Inspectors of factories can now be appointed either by name or by office, and, besides any other persons who may be so appointed, the District Magistrate remains Inspector of all factories in his district.

Section 6.

(5) The payment of prescribed fees to certifying surgeons for examining children and granting certificates of age to them, has now been provided for by the law, instead of being left to executive order.

Section 8.

(6) The fraudulent use of certificates of age has been made punishable with fine.

Section 15(2).

(7) An interval during the day for food and rest is to be allowed to all operatives, and not to children only as before. Sunday holidays are, with some small exceptions, to be obligatory for all operatives.

Section 10.

(*a*) There must be a stoppage of work for a full half hour between noon and 2 P.M., except in factories in which a system of employment in shifts or sets approved by the local Inspector is in force.

(*b*) Employés may work on Sundays to examine and repair machinery, but otherwise no person may be employed in a factory on a Sunday, unless he has had or will have a holiday on one of the three days preceding or succeeding the Sunday.

(*c*) The Governor-General in Council may exclude any class of factories from the operation of the rules as to holidays and stoppage of work, and the Local Government may allow Sunday labour in factories where certain kinds of necessary work are performed.

(8) Special provision has been made for the protection of women and children. No woman may be employed before 5 A.M. or after 8 P.M. No woman may be employed for more than 11 hours in any one day, and every woman is to be allowed rest in the proportion of 1½ hours to 11 hours' actual work. Factories of any class employing women in particular processes may be exempted from these provisions. No child may be employed before 5 A.M. or after 8 P.M.

Section 10.

The maximum employment for a child has been reduced from 9 to 7 hours, and for every 6 hours' actual work a child must be allowed an interval of half an hour.

Notices are to be put up in English and the vernacular, showing the intervals of rest allowed for women and children.

(9) Rules can be made for the water-supply, proper ventilation, and sanitation of factories; also for the prevention of overcrowding in them.

Section 16.

(10) Occupiers of factories can be required to furnish such returns, occasional or periodical, as may be necessary for the effectual carrying out of the Act.

Section 16.

3. It has been announced that it is not the intention of the Governor-General in Council to exercise the powers enabling him to exempt persons and factories from the rules which require stoppage of work for food and rest and cessation from Sunday labour, and regulate the employment of women, except in cases in which the parties interested make, through the Local Government, a formal application for exemption and bring forward convincing reasons in justification of their proposals. The Local Government will then determine upon the representations of those interested in the industries concerned, and upon a review of the circumstances of each case, what industries are entitled to exemption under the powers which the Act enables it to exercise. It is the intention of the Government of India to allow Sunday labour only in rare and exceptional cases, in addition to the cases in which the Local Government can allow it in factories where certain kinds of necessary work are performed. The Local Government will decide whether the work performed satisfies the conditions of any one of the three heads specified, *i.e.*, where the work performed (*i*) necessitates continuous production for technical reasons, or (*ii*) supplies the public with articles of prime necessity which must be made every day, or (*iii*) by its nature cannot be carried on, except at stated seasons, or at times dependent on the

irregular action of natural forces, but, if it does, the exemption will be granted as a matter of course.

4. With a view to securing a strict observance of all the provisions of the Factory Act, it has been decided to appoint a special Inspector under section 3 of Act XV of 1881 for Bengal, and his services will also be utilized in the North-Western Provinces and Oudh. Should it be found feasible and expedient hereafter to extend his jurisdiction, this will be done; but for the present it will be limited to the provinces mentioned. Mr. C. A. Walsh of the Locomotive Department of the Superior Revenue Establishment of State Railways has been selected for the post, and his appointment will be duly notified.

5. Besides the special Inspector, the Civil Surgeons of districts, or private medical practitioners, if suitable persons can be found, will also be appointed Inspectors conjointly with District Officers. The medical men so appointed will also be the Certifying Surgeons under section 5 of the Act, as the Lieutenant-Governor believes that the amalgamation of the duties of Inspector and Certifying Surgeon will help to secure the more effective performance of the duties of inspection. In the case of children employed in a factory, when an Inspector, seeing them at work, has reason to believe them to be under the age limit prescribed by the Act, he can take evidence on the spot or otherwise. He would also be entitled to take exception to the certificate which a child holds as not applying to him, and to prohibit his employment until he procured another certificate; and, if he had been himself the certifying officer, he could probably say whether a particular child was of such an age or physique that the certificate produced would have been signed by him. A medical officer would be the best authority on all questions of sanitation in connection with factory labour, and his visits of inspection should be made at irregular hours. The duties of the medical officer will be limited generally to seeing that the provisions of the law as regards children are not infringed, and to suggesting sanitary improvements to the Magistrate, who, by virtue of his office, will be an Inspector. In the 24-Parganas, where the time of the District Magistrate is already fully occupied, the senior Covenanted Assistant or Joint-Magistrate will be the *ex-officio* Inspector.

6. Under section 5 of Act XV of 1881 as amended, a fee of 4 annas will be paid to the Civil Surgeons of districts, or such other persons practising medicine or surgery as the Local Government may from time to time declare to be Certifying Surgeons for any local areas, for each certificate granted by them. The same medical officers, who will be appointed under section 3 of the Act by name or by office to be Inspectors, will also be required to give the necessary certificates of age under section 5. These officers will be as follows:—

I. In the district of the 24-Parganas—

(1) The Resident Medical Officer of the Campbell Medical Hospital, for so much of the town of Calcutta as lies to the south of Canning Street, and for Sealdah.

(2) The Resident Medical Officer of the Mayo Hospital, Calcutta, for so much of the town of Calcutta as lies to the north of Canning Street.

(3) The Civil Surgeon of Hooghly for thána Naihati, in the 24-Parganas.

(4) The Station Staff Surgeon of Dum-Dum for that sub-division.

(5) The Medical Officer in charge of the Northern Suburban Hospital for Baranagore in the 24-Parganas.

(6) Mr. J. M. Comley, M.R.C.S., for the factories at Budge-Budge.

(7) The Civil Surgeon of the 24-Parganas, for the rest of the district.

II. For all other districts, the Civil Surgeon of the district.

The officers indicated in this paragraph will notify to the managers of the factories with which they are respectively concerned the place where and the time when they will be prepared to examine candidates for employment and grant certificates of age.

7. A Committee composed of the officers and gentlemen named in the margin was appointed to assist Government in framing the rules and forms of registers under the Acts. The rules, &c., as framed by them were published in draft as required by the law, and criticisms were invited for a period of two months. A few

Mr. A. Smith, C.S., President.
" E. N. Baker, C.S.
" W. Fiddian, C.S.
" J. Lambert, C.I.E.
The Hon'ble J. L. Mackay, C.I.E.
Raja Piari Mohan Mookerjee, C.S.I.

criticisms have been received, and the rules finally approved by the Lieutenant-Governor, after consideration of the suggestions made, are now published for general information. No rules regarding the fencing of machinery and mill-gearing, and for regulating the superficial, cubic and ventilating space per operative, have been at present laid down. But the Lieutenant-Governor will be prepared to prescribe any rules which experience and the reports of the several Inspectors may hereafter show to be required.

8. The notification of the Government of India, No. 428, dated 25th March 1892, under section 18, clause (2) of the Indian Factories Act XV of 1881, as amended by Act XI of 1891, has been attached to the Rules under the Act for convenience of reference.

ORDER.—Ordered that a copy of the Resolution and of the Rules be forwarded for information to the—

(1) Commissioners of Divisions and for favour of communication to District Officers for their information and guidance ;
(2) Commissioner of Police, Calcutta ;
(3) Quartermaster-General in India, with reference to his letter No. 278, dated the 30th January 1892 ;
(4) Inspector-General of Civil Hospitals ;
(5) Appointment Department of this Office ;
(6) Financial Department of this Office ;
(7) Accountant-General, Bengal ;
(8) Mr. C. A. Walsh.

Ordered also that copy be submitted to the Government of India in the Home Department, for information.

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,

Secretary to the Government of Bengal.

METALWARE EXHIBITION TO BE HELD IN LONDON IN JUNE, 1892

The following is published for general information.

C. E. BUCKLAND,

Secretary to the Govt. of Bengal.

REVENUE DEPT.—*Miscellaneous,*
The 3rd May, 1892.

Circular No. $\frac{15}{8}$, dated Simla, the 21st April 1892.

From—SIR E. C. BUCK, KT, Secretary to the Government of India, Revenue and Agricultural Department,

To—

IN continuation of the telegram from this Department dated 2nd instant, I am directed to state that intimation has been received that the official opening of the Imperial Institute will not take place this year. It has been decided, however, by the Executive Council of the Imperial Institute to organize an Exhibition of Indian metal-work during the summer, and to invite loans of art-ware specimens from manufacturers, dealers, and owners for the purpose. This Exhibition will be opened in June, 1892.

2. The accompanying form and instructions have been received from Sir Frederick Abel, Secretary to the Council of the Imperial Institute, and I am to request that, with the permission of , they may be circulated to large merchants and dealers, and, if necessary, published in the local Gazette for the information and guidance of persons desirous of exhibiting. Arrangements should be made for the despatch of exhibits direct to the Secretary to the Imperial Institute, London, S. W., to whom the applications received may also be posted direct by the Local Government.

3. No charge will be made to merchants for space in the building. Large manufacturers and dealers will have to defray the cost incurred for the casing, &c., of their specimens, but in the case of artizans who contribute specimens for

exhibition, the Institute will defray the necessary outlay. All other expenses will have to be borne by exhibitors.

4. Any exhibits which may have already been collected under the terms of the circular instructions noted in the margin may be forwarded to the Imperial Institute.

No. $\frac{4}{23}$, dated 27th June, 1891.

No. $\frac{21}{23}$, dated 26th September, 1891.

5. I am to request that the Government of India may be informed by telegraph before the 15th proximo of the total amount of case-room that will probably be required for exhibits from

IMPERIAL INSTITUTE.

Exhibition of Indian Metal-work, 1892.

THE Executive Council invite applications for space from Merchants and Manufacturers in India, and from *boná fide* Importers, for the exhibition of Indian metal-work, including applications of metals in textile fabrics.

Allotments will be made by the Executive Council in accordance with the space available. No charge will be made for space allotted.

Applications to be made through the Local Government or such officers as it may appoint for the purpose on this form not later than——— ————1892.

TO THE SECRETARY TO THE IMPERIAL INSTITUTE, LONDON, S. W., THROUGH THE GOVERNMENT OF————.

Please allot to me (us) the following amount of space for the exhibition of articles described overleaf:—

Floor Space ————————feet × ————————feet.

Wall Space ————————feet × ————————feet.

DESCRIPTION OF ARTICLES.

See Regulation No. 17, page 3.

See Regulation No. 17, page 3.

In case of my application being granted (wholly or in part), I declare that I will strictly adhere to the regulations of the Executive Council, as printed on the next page which I will consider as binding.

Signature of intending Exhibitor or firm of Exhibitors.

Address

LONDON REPRESENTATIVE (IF ANY.)

Name

Address

Date

REGULATIONS.

1. The Exhibition will be opened in or about the month of June 1892, and will remain open for a period of about five months.

2. Signs or descriptive labels, &c., must be submitted to, and approved by, the Executive Council before use.

3. All cases, tables, stands or other fittings must be provided at the cost of the Exhibitor.

4. The rooms in which the Exhibition will be held are 20 feet in height; designs to scale of all trophies, show cases, &c., must, previous to their erection, be approved by the Executive Council.

5. No means of securing or fixing cases or trophies can be permitted which will deface or in any way injure the walls of the rooms.

6. Exhibitors will be required to provide attendants for keeping their stands and exhibits properly cleaned and in good order, or must arrange to have this work done, at their expense, by the Executive Council. All stands should remain uncovered during the hours the exhibition is open to the public.

7. It is probable that the hours during which the Exhibition will remain open to the public will be from 11 A.M. to 10 P.M. on all days except Wednesdays and Fridays, when the hour of closing will be 5 P.M. These arrangements are, however, subject to alteration. The Exhibition will not be open on Sundays.

8. No sales will be allowed to take place in the building, but authorised attendants or agents of Exhibitors may take orders for the delivery of duplicates.

9. No exhibit may be removed until the close of the Exhibition without permission of the Executive Council.

10. No article exhibited may be photographed, drawn, copied, or reproduced in any manner whatsoever, without the special sanction of the Executive Council.

11. All packages containing goods intended for exhibition must be addressed to the Secretary, and bear the name of the exhibitor by whom they are sent.

12. All goods intended for exhibition should reach the Institute buildings on or before the 1st of June 1892. Exhibits must be ready for inspection at least two days previous to the opening.

13. All arrangements for the unpacking, arranging and removal of exhibits must be made, and expenses borne, by the Exhibitors, or by arrangements in accordance with 6.

14. The Executive Council reserves to itself the right of refusing to admit any exhibit.

15. The Executive Council reserves to itself the sole right of publishing and selling a Catalogue, and for this purpose requests that a descriptive list, duly classified, of the goods intended for exhibition may be forwarded to the Secretary by the respective Exhibitors not later than the 1st of June 1892.

16. The Executive Council, while taking every precaution for the protection of articles in the buildings, cannot hold itself responsible for their loss or damage from whatsoever cause arising.

17. Only objects of British East Indian manufacture will be admitted. This rule can only be relaxed by special permission of the Executive Council.

18. All communications to be addressed to the Secretary of the Imperial Institute London, S. W., and to have marked on the cover the words "Indian Metal-work Exhibition."

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 30th April 1892.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.			
BURDWAN DIVN.			
1	Burdwan April 30, '92 Kalna ... Katwa ... Raniganj ...	Nil 2·07 0·70 0·07	Weather—hot and generally cloudy. Rain has done some good. Ploughing going on. Sugarcane planted. More rain badly needed. Prices of common rice:— Srs. Sadar ... ... 11 to 16 } Kalna ... ... 10 to 13½ } per rupee. Katwa ... ... 12¾ } Raniganj ... ... 14 }
2	Bankura .. 30, '92	Nil	Weather—very hot and cloudy at nights. Rain wanted very badly for agricultural operations. Tanks generally empty. Health of cattle fair, but supply of water and fodder insufficient. Common rice is selling at 14 seers per rupee at Bankura as well as at Vishnupur.
3	Birbhum .. 30, '92	0·10	Weather—hot. Hail yesterday afternoon (29th). Fodder and water scarce. Prices stationary, *i.e.*, 13 to 16 seers per rupee.
4	Midnapore .. 30, '92	Nil	Weather—very hot. In some parts there was a shower of rain, but there was none in Midnapore town. Fields are being ploughed after the rain. Crops doing well. Prices of common rice:— Srs. Sadar ... ... 13 } Contai ... ... 12 } per rupee. Tamluk ... ... 12 } Ghatál ... ... 13½ }
5	Hooghly .. 30, '92 Serampore ... Jahánabad ...	1·17 0·3 Nil	Weather—hot. Some relief experienced from rain on 28th and 29th. Prospects greatly improved by the rain, which seems to have been both heavy and general No complaints about water or fodder this week. Prices of common rice:— Srs. Ch. Sadar ... ... 10 0 } Serampore ... ... 11 12 } per rupee. Jahánabad ... ... 13 5 }
6	Howrah .. 30, '92	0·87	Weather—hot and sultry. General rain throughout the district. More is wanted for ploughing. Paddy sowings on low lands going on. Condition of cattle good. Fodder and water-supply sufficient. Price of rice from 10 to 13 seers per rupee.
PRESIDENCY DIVN.			
7	24-Parganas .. 30, '92	0·87	Weather—very hot. Prospects continue unchanged. Slight rain on 29th and 30th, but not enough. More rain wanted everywhere both for cultivation and for supply of drinking water. Condition of cattle good. Fodder still available. Price of rice remains as before, *i.e.*, 10 to 12½ seers per rupee.
8	Nadia .. 30, '92 Kushtia ... Meherpur ... Ranaghat ...	0·71 Nil Nil Nil	Weather—hot. Ploughing and sowing going on, but rain urgently wanted. Common rice selling at from 10 seers 2½ chitaks to 13 seers 5 chitaks per rupee. Cattle-disease reported from Nadia outpost and Hanskhali thána. Supply of fodder sufficient.
9	Khulna .. 30, '92 Bágerhat ... Satkhira ...	0·50 0·16 Nil	Weather—hot; occasionally cloudy with high winds. The little rain which has fallen has done some good, but more is wanted everywhere. Land is being ploughed for *aus* and *áman*. *Boro* harvest going on; outturn estimated at 8 annas. Coarse rice selling at from 12 to 16 seers per rupee. Fodder sufficient, but want of drinking water is still felt in some places.
10	Jessore .. 30, '92 Jhenida ... Magura ... Narail ... Bangaon ...	Nil 0·49 1·91 0·34 Nil	Weather—hot and cloudy with high wind. Ploughing in progress. More rain wanted. Drinking water insufficient. No want of fodder.
11	Murshidabad .. 30, '92	0·97	Weather—hot and dry. Recent rain has greatly improved prospects of *bhadoi* crop. Cultivation is being pushed on. Fodder available for cattle. Coarse rice sells at 12 seers per rupee.
CHITTAGONG DIVN.			
12	Chittagong .. 30, '92	7·67	Weather—squally with heavy downpours on 28th and 29th. Ploughing going on. Prices stationary. Condition of cattle generally good. Supply of fodder sufficient.
13	Noakhali .. 30, '92 Fenny ...	1·92 2·85	Weather—seasonable. Prospects favourable. *Aus* paddy is being rapidly sown. Fodder and water available. No cattle-disease except in Chhagalnaya. Common rice selling at 13½ seers per rupee.
14	Tippera .. 30, '92	2·77	Broken weather: sunshine alternating with wind and rain. Lands are being ploughed. Prospects improved by rain. Chillies are being harvested. Cattle-disease reported from subdivisions.
15	Chittagong Hill Tracts. .. 29, '92	4·53	Weather—cloudy and sunny with occasional showers of rain. Sowing in *jums* continues. Gathering of tobacco nearly over. Lands are being ploughed for early rice. Cattle-disease still prevailing. Common rice is being sold at 10 seers per rupee.

No	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—*concld.*			
DACCA DIVN.			
16	Dacca April 30, '92	2·72	Weather—cool and cloudy. Sowing of jute and paddy continues. Prospects of standing crops improved by the recent rain. Fodder available. No cattle-disease. Common rice selling at from 12 to 15 seers per rupee.
17	Faridpur „ 30, '92	1·08	Weather—Thursday's (28th) storm cooled the air for a short time, but it is as hot as ever again now. The rain has done good, and the young crops are coming on, and many fields have been sown during the week. Rice sells at 14 seers per rupee at Sadar and 13 seers at Madaripur. No report from Goalundo. Condition of cattle good.
18	Backergunge „ 30, '92	1·72	Weather—hot and cloudy. Rainfall general throughout the district. State and prospects of crops fair. Sowing of *aus* in progress. Ordinary rice sells at from 9 to 13 seers per rupee. Fodder sufficient; good drinking water scarce.
19	Mymensingh „ 30, '92	3·46	Weather—fairly cool; cloudy with showers of rain. Prospects of standing crops good, but the heavy showers have done some injury to *aus* and jute sowings in the Netrokona subdivision. Common rice selling at from 13 to 15 seers per rupee. Condition of cattle good. Supply of fodder and water sufficient.
RAJSHAHI DIVN.			
20	Dinajpur „ 30, '92 Thakurgaon ...	Nil 0·09	Weather—hot. Cool in the morning. Sowing of *bhadoi*, jute, and sugarcane still continues. Price of rice at Sadar 12 seers per rupee, and at Thakurgaon stationary. Condition of cattle good. Supply of fodder and drinking water now sufficient.
21	Rajshahi „ 30, '92 Nator .. Nowgong ...	0·27 Nil 0·70	Weather—very hot and seasonable. If showers fall now and then, as they have been doing lately, there will be good crops of *aus*, *áman*, jute and sugarcane; at the same time several inches of rain would not come amiss. For the present, at any rate, the crops are in a flourishing condition. Water and fodder generally sufficient, save in the Barind; condition of cattle is generally good except for a few cases of small-pox in Nator subdivision. Prices of rice range from 10½ seers to 15 seers per rupee.
22	Rangpur „ 30, '92 Gaibanda ... Kurigaon ... Nilphamari ...	0·27 3·05 0 77 0·22	Weather—cool and cloudy. *Aus* and jute sowings complete; weeding in progress. Prospects favourable. Fodder and water sufficient. Average price of common rice 12 seers per rupee.
23	Bogra „ 30, '92 Sherpur ... Naukhila ...	0·90 0·44 0·54	Weather—hot and fine in the early part of the week. Rainy and very cool from the 26th. Fine weather is wanted now that a sufficiency of rain has fallen. There is plenty of fodder and water, and the prospects of the crops are good. Common rice sells on an average at 13½ seers per rupee.
24	Pabna „ 30, 92	0·21	Weather—hot and cool. There is a gathering of clouds almost every evening, but no fall of rain. Ploughing and sowing in full progress, but unless there is more rain, the seedlings are likely to be injured. Rice is selling at 13 seers per rupee. Fodder and water-supply sufficient except at Dulai.
25	Darjeeling „ 30, 92	2·04	Weather—fair with occasional breaks. Rainfall in the Terai 0·60. Sowing of jute and *bhadoi* progressing. Wheat and barley are still being harvested. *Aghani* paddy is being sown. Fodder and water-supply improved by rain. Cattle-disease in some parts of the hills.
26	Jalpaiguri „ 30, '92	0·50	Weather—slightly cooler. Rain has improved agricultural prospects. Sowing of *bhadoi* and jute progressing rapidly. Common rice sells at from 10 to 11 seers per rupee. No cattle-disease reported. Fodder and water-supply sufficient.
BIHAR.			
27	Monghyr „ 30, '92 Begusarai ... Jamui ...	Nil 1·43 Nil	Weather—hot, with west wind during the first part of the week; cooler with east wind during the latter part. Ploughing for *bhadoi* crop in progress. *Sama*, *kheri*, *cheena*, sugarcane, and indigo doing well. *Cheena* is being reaped. Water continues to get scarcer. Fodder sufficient.
BHAGALPUR DIVN.			
28	Bhágalpur „ 30, '92	Nil	Weather—hot with easterly wind. *Cheena* is being harvested. Rice and *mung* sown broadcast in low lands doing well. A little *makai* has been sown on the diáras. Ploughing active, but more rain wanted, especially in the south. *Mahua* has given a 12-anna outturn. Water low; but fodder is sufficient, and cattle are healthy.
29	Purnea „ 30, '92 Kishanganj ... Araria ...	0·05 0 07 0·23	A few local showers. Weather cloudy and hot. Ploughing and sowing continue. A good deal of early paddy is up and doing well. *Cheena* crop to the west is excellent. No cattle-disease or want of fodder or water. Prices of common rice:— Srs. Sadar ... ... 11 to 12 } Kishanganj ... ... 11 } per rupee. Araria ... ... 12 to 13 }
30	Malda „ 30, '92 Gajol ..	2·57 0·16	Weather—hot and bright in the beginning of the week; latterly heavy showers. Condition of *boro* paddy continues satisfactory. It is now coming into maturity. Sowing of *bhadoi* rice progressing. Supply of fodder sufficient. No cattle-disease. Prices stationary.
31	Sonthal Parganas „ 30, 92 Deoghur ... Godda ... Jamtara .. Pakur ... Rajmahal ...	0·17 Nil Nil Nil Nil 0·24	Weather—cloudy, with variable winds. Slight rain at Dumka and Rajmahal. Sugarcane doing well except where water has failed. *Mahua* poor. In Rajmahal the strain has been eased by the *boro* rice harvest. Rain urgently wanted all over west of district. Jamtara people are storing roots. Ploughing begun where possible, chiefly in Pakur. Rice 11 to 13 seers per rupee. Water and fodder-supply short in west.

Division	No.	District and date of return.		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BIHÁR—concld.					
Patna Division.	32	Patna	April 30, '92	Nil	Weather—hot. East wind prevailing. Winnowing of *rabi* crops going on. *Cheena* and sugarcane are being irrigated. Common rice is being sold at from 11 to 12 seers per rupee.
	33	Gaya Jahánabad Nawáda Aurangabad	" 30, '92	Nil Nil Nil Nil	Weather—very hot with changeable winds. Sugarcane and *cheena* millet, the only crops on the ground, doing fairly well. Prices pretty stationary. Supply of fodder and water very scanty in most parts of the district.
	34	Shahabad Buxar Bhabhua Sasarám	" 30, '92	Nil Nil Nil Nil	The winds during the week have been variable, but latterly they have shifted to the west, causing a considerable increase in temperature. Millet, Indian-corn and sugarcane are now nearly the only crops on the ground; all are doing well. An immense export of wheat to Calcutta is taking place, which is affecting prices. Opium weighment in full swing.
	35	Darbhanga	" 30, '92	0·29	Beginning of week very hot, but owing to storm with hail, weather much cooler at end of the week. Rain has benefited sugarcane, but more wanted for *bhadoi* cultivation and for indigo which is now above ground. Fodder sufficient, but water scarce in places. Price of coarse rice varies from 10 to 13 seers per rupee.
	36	Muzaffarpur Hajipur Sitamarhi	" 30, '92	Nil Nil 1·16	Weather—hot with variable winds, chiefly easterly, accompanied with dust-storms. The late rain (on 22nd) was of much benefit to the sowings of *dhan, mung, cheena,* &c., in the northern half of the Sitamarhi subdivision; elsewhere rain is still much wanted. Water in tanks and wells throughout the greater part of the district is becoming low. Prices are rising as the rain holds off, and numbers on relief works steadily increasing. Condition of cattle continues good.
	37	Saran	" 30, '92	Nil	Weather—unusually hot. Rain much wanted for indigo and *cheena*. Prices of common rice:— Srs. Ch. Chapra ... ... 11 14 } per rupee. Siwán ... ... 12 4 } per rupee. Gopalganj ... ... 12 0 } per rupee.
	38	Champaran	" 30, '92	Nil	Weather—hot. Paddy seedlings are growing where sown. *Cheena* and paddy are still being sown. Common rice selling at 11 to 12 seers per rupee in the Sadar subdivision. Fodder and water plentiful.
ORISSA.					
Orissa Divn.	39	Cuttack	" 30, '92	Nil	Weather—hot and dry. Rain very badly wanted. Insufficiency of fodder-supply reported in parts. Price of common rice stationary: 11 to 17 seers per rupee.
	40	Puri	" 28, '92	Nil	Weather—seasonable. Rain wanted. *Dalua* is being harvested. Miscellaneous crops good. Common rice sells at from 12 to 15 seers per rupee.
	41	Balasore	" 30, '92	Nil	Weather—hot and dry. Cultivation is much retarded by the long-continued drought, and drinking water becoming scarce in places. Rice sells at 14 to 16 seers per rupee.
CHOTA NAGPUR.					
South-West Frontier Agency.					
Chota Nagpur Divn.	42	Hazáribágh Giridi	April 30, '92 ...	Nil Nil	Weather—very hot. Mango expected to yield from 4 to 12 annas. Coarse rice selling at from 12 to 14 seers per rupee. Fodder and water getting scarce in some places.
	43	Lohardaga	" 30, '92	Nil	Weather continues very hot. No crop on the ground. Common rice selling at 13 seers per rupee. Price of fodder rising.
	44	Palámau	" 29, '92	Nil	Weather—very hot. Sugarcane doing well. Gathering of *mahua* finished. Price of common rice stationary. Supply of water and fodder scanty, especially in thána Hossanabad.
	45	Singhbhum	" 30, '92	Nil	Weather—intensely hot. Mango crop doing well excepting at Dumuria outpost jurisdiction, where the probable outturn is put down at 2 annas. Price of rice stationary. No complaints in regard to fodder and water-supply.
	46	Manbhum Gobindpur	" 30, '92 ...	Nil Nil	Weather—very hot. Rain urgently wanted. Fodder and water-supply greatly diminished. Rice sells at 12 to 17 seers per rupee.

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 3rd May, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the

Division	Number.	DISTRICTS.	QUANTITIES PER RUPEE IN														
			WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON			JOWAR OR CHOLUM. (*Sorghum Vulgare.*)		
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
BENGAL.			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
BURDWAN DIVISION.	1	Burdwan ..	11 8	11 8	12 12	19 0	19 0	33 0	11 4	11 10	15 0	13 8	13 8	17 1	...	...	...
	2	Bankura ...	12 0	12 4	15 0	16 0	17 0	24 0	12 4	12 4	17 8	14 0	15 0	20 0	...	...	...
	3	Birbhum ...	10 8	10 8	16 0	...	...	...	11 0	11 0	13 8	12 12	13 0	17 4	...	...	...
	4	Midnapore ...	11 0	11 0	13 4	...	...	...	10 0	10 0	14 8	13 0	13 0	19 0	...	...	...
	5	Hooghly ...	13 0	13 0	13 0	...	...	...	8 0	8 0	8 0	11 0	12 0	14 0	...	...	...
	6	Howrah ...	...	...	...	...	...	...	9 4	10 0	11 0	11 8	12 8	14 8	...	...	...
PRESIDENCY DIVISION.		Calcutta ...	11 0	11 3	12 4	14 8	15 3	18 14	7 14	8 0	9 2	10 7	11 5	13 12	15 13	16 0	18 14
	7	24-Parganas ...	11 4	11 8	12 4	16 0	16 0	20 0	8 0	8 0	8 0	12 0	13 0	16 0	...	...	...
	8	Nadia ...	11 13½	12 1	14 14	17 12½	17 12½	22 14	10 2¼	10 10½	13 5¼	11 10	12 3	15 1	...	...	...
	9	Khulna ...	...	...	...	...	...	...	10 8	10 10	13 0	12 12	12 12	16 0	...	...	...
	10	Jessore ...	10 0	10 8	11 8	...	...	...	10 0	10 0	14 0	13 0	12 8	16 0	...	...	...
	11	Murshidabad ...	12 0	12 0	12 0	...	...	...	9 0	9 0	11 0	12 0	12 8	14 0	...	...	...
CHITTAGONG DIVISION.	12	Chittagong ...	9 4	9 4	12 0	...	...	...	8 8	8 8	12 0	10 14	10 14	16 11	...	...	...
	13	Noakhali ...	...	...	...	...	...	...	12 0	12 0	16 0	13 0	13 0	17 0	...	...	...
	14	Tippera ...	14 0	14 0	10 0	...	...	...	8 8	8 0	10 10	13 14	13 14	16 13	...	...	...
	15	Chittagong Hill Tracts.*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
DACCA DIVISION.	16	Dacca ...	11 0	11 0	14 0	...	...	27 0	10 0	10 0	13 0	13 0	13 8	16 0	...	...	...
	17	Faridpur ...	14 0	20 0	19 0	40 0	40 0	29 0	11 0	11 0	8 0	13 4	14 0	15 0	...	...	...
	18	Backergunge ...	...	...	...	...	...	...	9 12	9 12	13 14	10 4	11 4	14 14	...	...	...
	19	Mymensingh ...	10 0	10 0	10 0	...	..	...	10 0	10 8	11 4	13 12	14 0	15 0	...	...	...
RAJSHAHI DIVISION.	20	Dinajpur ...	10 13	10 13	12 12	18 0	18 0	16 0	9 8	9 8	15 0	12 0	12 0	18 0	...	...	...
	21	Rajshahi ...	12 0	12 12	15 0	19 8	19 8	26 4	9 12	10 8	13 8	10 14	11 10	15 0	...	...	...
	22	Rangpur*	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Return not received.

A In subdivisions retail prices of salt per rupee are :—Kalna 10 seers, Katwa 12 seers, and Raniganj 10 seers.
B At Vishnupur retail price of salt, 10 seers per rupee.
C At Rampur Hát retail price of salt, 10½ seers per rupee.
D At Ghatál retail price of salt, 11 seers per rupee.
E In subdivisions retail prices of salt per rupee are :—Serampore (Bhuddeswar) 12¼ seers and Jahánabad 10 seers 10½ chitaks.
F At Ulubaria retail price of salt, 10¼ seers per rupee.
G In subdivisions retail prices of salt per rupee are :—Barasat 10 seers 10 chitaks, Basirhat (at Baduria) 11½ seers, Diamond Harbour (at Magrahat) 10 seers 10 chitaks, Barrackpore 9 seers 2 chitaks, and Dum-Dum 10 seers.
H In subdivisions retail prices of salt per rupee are :—Kushtia 10¼ seers, Meherpur 10 seers, and Ranaghat 10½ seers.
I In subdivisions retail prices of salt per rupee are :—Satkhira 10½ seers and Bágerhat 8 seers.

Districts of Bengal on the 30*th April,* 1892.

SEERS OF 80 TOLAHS. — WHOLESALE PRICES PER MAUND OF 40 SEERS.

Bajra or Cumbu (*Pennisetum typhoideum*): Present return.	Bajra or Cumbu: Next preceding return.	Bajra or Cumbu: Corresponding return of last year.	Marua or Ragi (*Eleusine Coracana*): Present return.	Marua or Ragi: Next preceding return.	Marua or Ragi: Corresponding return of last year.	[Fire]wood: Next preceding return.	[Fire]wood: Corresponding return of last year.	Salt: Present return.	Salt: Next preceding return.	Salt: Corresponding return of last year.	Wholesale Salt: Present return.	Wholesale Salt: Next preceding return.	Wholesale Salt: Corresponding return of last year.	Districts.	Number.	Division.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. a. p.	Rs. a. p.	Rs. a. p.	BENGAL.		
...	...	...	...	...	...	0 0	100 0	11 7 [A]	11 7	10 9 2½ [K.]	3 6 0	3 6 0	3 9 10	Burdwan.	1	Burdwan Division.
...	.	...	...	...	..	0 0	280 0	11 4 [B]	11 4	10 4	3 9 6	3 9 6	3 14 0	Bankura.	2	
...	...	...	...	...	...	0 0	160 0	10 8 [C]	10 8	10 8	3 10 0	3 10 0	3 9 0	Birbhum.	3	
...	..	...	...	...	...	0 0	120 0	10 8 [D]	10 8	10 10	3 12 0	3 8 0	3 12 0	Midnapore.	4	
...	...	...	...	...	...	0 0	120 0	10 0 [E]	10 0	10 0	3 12 0	3 12 0	3 9 0	Hooghly.	5	
...	...	...	...	...	...	0 0	100 0	10 8 [F]	10 8	10 8	3 6 0	3 6 0	3 9 0	Howrah.	6	
12 2	13 8	10 14	...	...	...	3 5	90 8	11 4	11 3	10 10	3 4 7	3 4 11	3 7 9	Calcutta.		Presidency Division.
...	...	...	...	...	...	0 0	100 0	11 0 [G]	11 0	10 12	3 5 0	3 5 0	3 6 0	24-Parganas.	7	
...	...	...	...	...	...	...	...	10 10 [H]	10 10	9 13	3 10 0	3 8 0	3 12 0	Nadia.	8	
..	...	...	...	...	...	0 0	160 0	9 0 [I]	9 0	9 0	4 0 0	4 0 0	4 0 0	Khulna.	9	
...	...	...	...	...	...	0 0	160 0	9 2 [J]	9 2	9 2	3 10 0	3 10 0	3 14	Jessore.	10	
...	...	...	...	...	...	0 0	200 0	10 8 [K]	10 8	11 4	3 12 0	3 12 0	3 8 0	Murshidabad.	11	
...	...	...	...	...	...	0 0	110 0	9 8 [L]	10 0	10 0	4 0 0	3 12 0	3 12 0	Chittagong.	12	Chittagong Division.
...	..	...	...	...	...	..	...	8 0 [M]	9 0	8 0	4 8 0	4 0 0	4 8 0	Noakhali.	13	
...	..	...	...	...	...	..	...	9 0 [N]	9 0	9 11	4 0 0	4 0 0	4 2 0	Tippera.	14	
...	...	...	...	...	...	...	...	...	...	...	..	...	...	Chittagong Hill Tracts.	15	
...	...	...	.	...	...	0 0	140 0	10 0 [O]	10 0	9 12	3 8 0	3 8 0	3 12 0	Dacca.	16	Dacca Division.
...	...	...	...	...	...	..	120 0	9 12 [P]	10 8	10 0	3 14 0	3 12 0	4 0 0	Faridpur.	17	
...	..	...	...	...	...	0 0	120 0	10 0 [Q]	10 0	10 10	3 10 0	3 9 0	3 12 0	Backergunge.	18	
...	..	..	.	...	...	..	...	10 4 [R]	10 8	9 8	3 14 0	3 11 6	4 2 0	Mymensingh.	19	
...	...	..	...	..	...	0	160 0	10 4 [S]	10 4	10 0	3 14 0	3 14 0	4 0 0	Dinajpur.	20	Rajshahi Division.
...	...	...	...	...	...	0	240 0	9 9 [T]	9 9	9 9	3 10 8	3 10 8	4 0 0	Rajshahi.	21	
...	...	...	..	..	...	.	...	...	...	..	...	...	...	Rangpur.	22	

...re :—Jhenidah 10 seers, Magura 10 seers, Narail 9 seers 10 chitaks, and Bangaon 10½ seers.
...are :—Jangipur 10½ seers and Kandi 10 seers.
...rupee.
...hitaks per rupee.

N In subdivisions retail prices of salt per rupee are :—Brahmanbaria 10½ seers and Chandpur 9 seers.
O In subdivisions retail prices of salt per rupee are :—Manikganj 9 seers, Munshiganj 10 seers, and Narainganj 10¾ seers.
P At Madaripur retail price of salt, 11 seers per rupee.
Q In subdivisions retail prices of salt per rupee are :—Pirojpur 9 seers, Patuakhali 9 seers, and Bhola 8 seers.
R In subdivisions retail prices of salt per rupee are :—Kishoreganj 8 seers, Tangail 10 seers, Jamalpur 9½ seers, Sherepur 8 seers, and Netrokona 10 seers.
S At Thakurgaon retail price of salt, 8 seers per rupee.
T In subdivisions retail prices of salt per rupee are :—Nator 9 seers and Nowgong 9 seers 9 chitaks.

PRICES-CURRENT (retail) of Food-grains, Firewood, &c.

Number.	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best so[rt]. Present return.	Rice, best so[rt]. Next preceding return.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
BENGAL—continued.									
Rajshahi Division—concld. 23	Bogra ...	11 4	10 8	15 0	...	...	...	9 12	9 12
24	Pabna	13 8	13 12	17 4	...	...	...	7 2	7 2
25	Darjeeling	8 0	8 0	12 0	8 0	8 0	8 0	5 0	5 0
26	Jalpaiguri	10 0	10 0	11 0	15 0	15 0	16 0	6 12	7 0
BIHAR.									
Bhagalpur Division. 27	Monghyr ...	12 9 to 14 2	13 12	16 0	18 6 to 19 15	21 0	25 8	8 14	9
28	Bhágalpur ...	12 10	13 4	15 2	16 6	17 10	25 4	10 1	10
29	Purnea* ...	...	...	...	...	...	...	...	...
30	Malda ...	13 4	13 4	17 0	...	...	...	10 0	10
31	Sonthal Parganas.	11 0	11 0	12 0	...	...	...	10 0	10
Patna Division. 32	Patna ...	Red wheat. 14 0; White wheat. 13 0	Red wheat. 15 0; White wheat. 13 8	Red wheat. 15 12; White wheat. 14 12	21 0	22 0	22 0	10 8	10
33	Gaya ...	13 0	13 0	14 8	18 0	19 0	22 0	9 0	9 1
34	Shahabad ...	13 8	13 8	14 8	18 0	20 0	20 0	8 0	8
35	Darbhanga ...	14 4	13 3	14 0	17 9	17 9	23 0	9 14	9
36	Muzaffarpur	11 0	11 0	16 0	17 0	19 0	23 0	10 0	10
37	Saran ...	13 8	13 0	15 0	18 8	20 0	21 8	9 0	9
38	Champaran* ...	...	...	...	...	...	...	...	...
ORISSA									
Orissa Division. 39	Cuttack ...	10 13	11 13	13 2	...	...	...	9 3	9
40	Puri* ..	...	...	...	...	...	...	...	.
41	Balasore ...	11 0	11 0	15 0	10 0	10 0	13 0	11 0	11
CHOTA NAGPUR.									
Chota Nagpur Division. 42	Hazáribágh	12 0	12 0	13 0	14 0	15 0	18 0	8 0	[illegible]
43	Lohardaga ..	Red wheat. 12 0; White wheat. 8 2	Red wheat. 12 0; White wheat. 7 8	Red wheat. 13 0; White wheat. 7 8	12 0	13 0	24 0	12 0	1[illegible]
44	Palámau* ...	...	..	..	...	...	...	...	[illegible]
45	Singhbhum	14 0	15 0	16 0	20 0	...	20 0	12 0	1
46	Manbhum	11 8	11 8	12 0	17 0	17 0	25 0	12 0	1

Kangni or Kakun Italian millet. (Setaria italica.) Present return.	Kangni. Next preceding return.	Kangni. Corresponding return of last year.	Gram, Chana, Chhola, Kadalay or Sunaga. (Cicer arietinum.) Present return.	Gram. Next preceding return.	Gram. Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	16 8	10 8	15 0
...	...	...	17 12	17 12	18 12
...	...	...	11 0	10 0	9 0
...	...	...	13 8	13 8	16 0
14 2	...	21 0	17 13 to 18 14	19 0	21 0
...	...	...	17 10	17 10	21 7
...	...	...	..	...	...
...	...	...	19 0	19 8	22 0
...	...	...	14 0	14 0	16 0
19 0	18 0	13 0	19 0	22 0	22 0
14 0	14 8	11 0	15 12	17 0	19 0
...	...	...	18 0	20 0	14 0
...	...	...	17 9	17 9	20 0
...	...	...	16 0	18 0	18 8
16 0	16 0	12 0	18 8	19 0	19 0
...	...	...	...	...	...
...	...	...	16 6	(Kalai). 16 9	17 1
..	...	...	...	...	...
...	...	...	14 0	14 0	14 0
...	...	...	13 0	16 0	16 0
...	...	...	12 0	12 0	Big. 18 12; Small. 16 0
...	...	...	...	...	...
...	...	...	14 0	15 0	16 0
...	...	..	14 0	15 0	16 0

788b

* Return not received.

U At Sirajganj retail price of salt, 11 seers per rupee.
V At Kurseong and Siliguri, retail price of salt 8 seers per rupee.
W At Falakata in Alipur subdivision retail price of salt, 8½ seers per rupee.
X In subdivisions retail prices of salt per rupee are :—Begusarai 9½ seers and Jamui 10 seers.
Y In subdivisions retail prices of salt per rupee are :—Banka (Amarpur) 10 seers, Madhipura 10 seers, and Supaul 10 seers.
Z In subdivisions retail prices of salt per rupee are :—Deoghur 10 seers 10 chitaks, Godda 10 seers, Jamtara 10 seers, Pakur 10½ seers, and Rajmahal 11 seers.
a In subdivisions retail prices of salt per rupee are :—Barh 11½ seers and Dinapore 10 seers.

CALCUTTA,
The 3rd May, 1892.

Station Bazars of the Districts of Bengal on the 30th April, 1892—(concluded).

Indian-corn or Maize (*Zea Mays.*) Present return.	Next preceding return.	Corresponding return of last year.	Arhar or Thur, Cadjan Pea (*Cajanus Indicus.*) Present return.	Next preceding return.	Corresponding return of last year.	Firewood. Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Next preceding return.	Corresponding return of last year.	Districts.	Number.	Division.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	BENGAL—*continued.*		
...	...	...	...	...	...	90 0	90 0	90 0	9 12	9 12	9 0	3 14 8	3 13 4	4 0 0	Bogra.	23	Rajshahi Division—*concld.*
...	...	...	15 0	16 8	16 8	200 0	200 0	200 0	[U] 9 12	9 12	8 15	3 12 0	3 11 0	3 14 0	Pabna.	24	
12 0	12 0	20 0	8 0	8 0	8 0	120 0	120 0	120 0	[V] 8 0	8 0	8 0	5 0 0	5 0 0	5 0 0	Darjeeling.	25	
...	...	...	8 0	8 0	11 0	160 0	200 0	200 0	[W] 10 0	10 0	10 0	4 0 0	4 0 0	4 0 0	Jalpaiguri.	26	
																BIHAR.	
16 0 to 17 13	19 12	16 0	16 12 to 18 1	18 4	18 0	147 0 to 189 0	160 0	164 0	[X] 10 8 to 10 12	10 8	10 8	3 8 0	3 8 0	3 12 0	Monghyr.	27	Bhágalpur Division.
16 12	17 10	20 3	17 10	17 10	18 15	164 0	164 0	164 0	[Y] 10 11	10 11	10 1	3 12 0	3 12 0	3 12 0	Bhágalpur.	28	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Purnea.	29	
...	...	...	...	...	...	120 0	120 0	120 0	10 0	10 0	9 8	3 10 0	3 10 0	4 0 0	Malda.	30	
13 0	13 0	20 0	16 0	13 0	20 0	200 0	200 0	200 0	[Z] 10 0	10 0	9 0	3 10 3	3 10 3	4 0 0	Sonthal Parganas.	31	
18 0	22 0	...	20 8	22 0	19 0	120 0	120 0	120 0	[a] 11 8	11 8	10 12	3 8 0	3 8 0	3 11 0	Patna.	32	Patna Division.
...	...	...	19 0	18 0	17 0	160 0	160 0	120 0	10 0	10 0	9 12	3 14 0	3 14 0	4 0 0	Gaya.	33	
...	...	...	18 0	19 0	17 0	140 0	160 0	160 0	[b] 10 8	10 0	10 8	...	...	...	Shahabad.	34	
17 0	18 11	18 0	17 9	18 0	17 0	160 0	160 0	180 0	[c] 11 0	11 0	11 0	3 6 0	3 6 0	3 8 0	Darbhanga.	35	
16 0	20 0	16 0	19 0	21 0	17 0	160 0	160 0	160 0	[d] 11 0	11 0	11 4	3 10 0	3 10 0	3 9 6	Muzaffarpur.	36	
18 0	20 0	16 0	19 0	21 0	16 8	160 0	160 0	160 0	[e] 10 4	10 4	10 0	3 13 0	3 13 0	3 14 0	Saran.	37	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Champaran.	38	
																ORISSA.	
...	...	...	16 6	16 9	18 6	80 0	80 0	80 0	[f] 11 0	11 0	11 0	3 12 0	3 12 0	3 12 0	Cuttack.	39	Orissa Division.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Puri.	40	
...	...	...	...	...	...	140 0	140 0	160 0	[g] 10 8	10 8	10 0	3 14 0	3 14 0	3 14 0	Balasore.	41	
																CHOTA NAGPUR.	
17 8	18 0	21 0	17 0	17 0	17 8	240 0	240 0	240 0	[h] 9 0	9 0	9 0	4 0 0	4 0 0	4 1 0	Hazáribágh.	42	Chota Nagpur Division.
20 0	20 0	23 8	Big. 12 0 Small. 15 0	Big. 14 0 Small. 16 0	Big. 18 0 Small. 20 0	150 0	150 0	150 0	9 12	9 8	9 4	4 1 0	4 2 0	4 4 0	Lohardaga.	43	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Palámau.	44	
...	...	14 0	16 0	16 0	21 0	160 0	160 0	200 0	9 0	9 0	9 0	4 4 0	4 3 0	4 6 0	Singhbhum.	45	
...	...	...	17 0	17 8	20 0	200 0	200 0	200 0	[i] 10 10	10 10	9 14	3 12 0	3 12 0	3 14 0	Manbhum.	46	

b In subdivisions retail prices of salt per rupee are :—Buxar $10\frac{1}{2}$ seers, Sasarám $10\frac{1}{2}$ seers, and Bhabhua $9\frac{1}{2}$ seers.
c In subdivisions retail prices of salt per rupee are:—Madhubani 11 seers and Samastipur 10 seers.
d In subdivisions retail prices of salt per rupee are :—Hajipur $10\frac{1}{4}$ seers and Sitamarhi 11 seers.
e In subdivisions retail prices of salt per rupee are :—Siwán $11\frac{1}{2}$ seers and Gopalganj 9 seers 14 chitaks.
f In subdivisions retail prices of salt per rupee are :—Jajpur 8 seers, Keudrapara $9\frac{1}{2}$ seers, and Bauki 12 seers.
g At Bhadrak retail price of salt, 9 seers per rupee.
h At Giridih (Whitty Bazar) retail price of salt, $9\frac{5}{8}$ seers per rupee.
i At Gobindpur retail price of salt, $10\frac{1}{2}$ seers per rupee.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARTS.	Wheat.			Barley.			Rice, best sort.			Rice, common.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 5 3	3 4 8	3 0 0	2 7 2	2 5 11	1 14 1	4 13 4	4 11 5	4 2 0	3 9 2	3 4 0	2 10 0
2	Sirajganj ...	3 1 0	3 2 0	2 8 0	...	...	...	5 4 0	5 2 0	4 14 0	3 1 0	3 0 0	2 14 0
3	Dacca ...	3 10 0	3 11 0	2 12 0	...	...	1 4 0	4 0 0	4 0 0	2 14 0	3 0 0	2 15 6	2 6 0
4	Narainganj ...	...	...	...	...	...	...	3 4 0	3 0 0	2 10 0	2 12 0	2 10 0	2 8 0
5	Chittagong	4 2 0	4 2 0	3 4 0	...	...	...	4 8 0	4 8 0	3 4 0	3 9 0	3 9 0	2 5 0
6	Patna ...	Red wheat. 2 13 3 White wheat. 3 1 0	Red wheat. 2 10 0 White wheat. 2 15 3	Red wheat. 2 8 6 White wheat. 2 11 0	1 14 6	1 13 0	1 13 0	3 13 0	3 13 0	3 9 9	3 3 0	2 15 6	2 6 9
7	Balasore ...	3 12 0	3 12 0	2 12 0	3 12 0	3 12 0	3 0 0	3 8 0	3 8 0	3 0 0	2 14 0	2 14 0	1 12 0
8	Puri* ...	...	...	...	...	...	...	...	...	...	...	...	...
9	Cuttack ...	3 8 0	3 4 0	3 0 0	...	...	...	4 4 0	4 4 0	3 10 0	3 0 0	3 0 0	2 0 0

* Return not received.

CALCUTTA,
The 3rd *May*, 1892.

... in the undermentioned Marts of Bengal on the 30th April, 1892.

PRICES PER MAUND

Jowar or Cholum. (*Sorghum Vulgare.*) Present return.	Next preceding return.	Corresponding return of last year.	Bajra or Cumbu. (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
2 4 7	2 4 0	1 14 1	2 12 8	2 10 0	3 2 8
...	...	...	...	...	...
...	...	...	..	...	...
...	...	...	...	...	...
...	...	...	..	...	..
1 15 0	1 14 6	...	...	2 10 0	...
...	...	..	...	...	..
...	...	...	..	...	...
...	...	...	...	...	...

Maize. Corresponding return of last year.	Arhar or Thur, Cadjan Pea. (*Cajanus indicus.*) Present return.	Next preceding return.	Corresponding return of last year.	Firewood. Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Marts.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
...	2 6 11	2 6 10	2 5 3	0 6 0	0 5 11	0 5 9	3 4 7	3 4 11	3 7 9	Calcutta.
...	...	...	...	0 7 0	0 7 0	0 7 0	3 9 0	3 9 0	3 13 0	Sirajganj.
...	2 13 0	...	4 8 0	0 5 0	0 5 0	0 4 0	3 8 0	3 8 0	3 12 0	Dacca.
...	3 8 0	3 8 0	4 8 0	0 8 0	0 8 0	0 8 0	3 8 0	3 8 0	3 10 0	Naraingunj.
...	...	...	...	0 5 0	0 5 0	0 5 0	4 0 0	3 12 0	3 12 0	Chittagong.
...	1 15 0	1 13 0	2 1 6	0 5 4	0 5 4	0 5 4	3 8 0	3 8 0	3 11 0	Patna.
...	...	...	...	0 5 0	0 5 0	0 4 6	3 14 0	3 14 0	3 14 0	Balasore.
...	...	...	...	...	...	...	...	...	...	Puri.
...	2 6 0	2 6 0	2 2 0	0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 12 0	Cuttack.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS.													
			Air pressure.			Wind.		Temperature.								
			Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Puri	Puri ...	29·719	29·668	—	SWly	497	88·7	25th Apl.	79·6	26, 27, 28 & 30th Apl.	87·6	80·1	83·9	—	82·5
		Gopalpore ...	29·702	29·663	—·073	SSW	638	89·2	25, 26, 29 & 30 ,,	76·8	27th ,,	88·8	78·7	83·8	+1·6	82·2
		False Point ...	29·705	29·608	—·100	SWly	496	90·5	26 & 29 ,,	72·6	25th ,,	89·9	79·2*	84·7*	—0·6*	85·0
	Cuttack	Cuttack ...	29·636	29·658	—·085	SSW	181	112·4	27th ,,	79·4	25th ,,	100·1	81·3	93·7	+2·7	87·6
	Balasore	Balasore ...	29·625	29·626	—·118	SSW	326	112·5	26th ,,	79·7	27th ,,	103·9	81·2	92·0	+6·5	87·1
South-West Bengal.	South-West Midnapore, South 24-Parganas ...	Saugor Island	29·679	29·648	—·111	SSW	605	92·7	26 & 27 ,,	82·5	25 & 26 ,,	91·8	82·9	87·4	+1·5	85·5
	Midnapore	Midnapore ...	29·536	29·629	—·106	S	235	112·4	26, 27 ,,	80·0	26th ,,	107·6	81·1	94·4	+4·6	88·3
	24-Parganas ... ..., Howrah ... ..., Hooghly	Calcutta ...	29·662	29·628	—·118	SSW	264	102·5	27th ,,	72·2	30th ,,	96·7	79·1	88·0	+2·7	85·5
	Burdwan	Burdwan ...	29·578	29·623	—·113	SW	186	108·7	26th ,,	82·4	28th ,,	104·1	81·3	92·7	+4·6	85·5
	Bankura	Bankura ...	29·347	29·589	—·118	S	142	110·6	26th ,,	81·5	24, 27 ,,	107·5	82·4	95·0	?	87·8
	Birbhum ... ..., West Burdwan	Raniganj* ...	29·339	29·626	—·115	Sly	192	111·0	26th ,,	74·4	28th ,,	106·7	76·9	91·9	+3·1	89·3
	Murshidabad	Berhampore ...	29·599	29·614	—·130	S	157	108·7	26th ,,	76·3	29th ,,	101·1	79·3	90·2	+3·1	82·4
	Nadia	Krishnagar ...	29·627	29·622	—·102	SSE, SSW	225	108·2	26th ,,	76·7	29th ,,	100·0	79·3	89·7	+3·7	84·3
	Jessore ... ..., Khulna	Jessore ...	29·665	29·645	—·119	SEly	150	102·2	26th ,,	75·4	27th ,,	97·4	70·0	88·3	+3·1	84·8
East Bengal.	Chittagong	Chittagong ...	29·703	29·737	—·088	SSE	191	80·2	24 & 27 ,,	68·6	27th ,,	87·6	74·7	81·2	+0·1	81·5
	Chittagong Hill Tracts	Demagiri ...						Observations not received.								
	Backergunge	Barisal ...	29·718	29·675	—·099	SSW	223	92·3	24, 26 Apl. & 27.	68·9	29th Apl.	91·2	78·0	84·6	+3·0	84·4
	Noakhali	Noakhali ...	29·706	29·605	—·112	Sly	246	89·5	25, 26 ,,	68·8	29th ,,	88·3	76·5	82·4	0	83·8
	Faridpur	Faridpur ...	29·680	29·667	—·116	SEly	220	94·5	24th ,,	69·9	29th ,,	90·5	74·5	82·5	+0·6	80·8
	Dacca	Dacca ...	29·702	29·672	—·108	Variable	298	95·1	25, 26 ,,	68·2	28th ,,	91·9	75·1	83·5	+0·4	80·2
	Tippera	Comilla ...	29·711	29·694	—·104	S	170	91·3	25, 27 ,,	68·8	30th ,,	88·2	74·6	81·4	+0·4	80·6
	Mymensingh	Mymensingh	29·674	29·685	—·091	Ely	210	93·2	26th ,,	68·6	27th ,,	87·6	73·4	80·5	+0·3	76·7
North Bengal.	Bogra	Bogra ...	29·622	29·635	—·102	SEly	135	100·3	26th ,,	70·2	27th ,,	91·7	74·8	83·3	—0·4	79·7
	Pabna	Sirajganj ...	29·664	29·660	—·104	Ely	128	96·6	26th ,,	69·7	27th ,,	89·5	74·2	81·9	+0·1	79·7
	Rajshahi	Rampur Boalia.	29·605	29·624	—·112	Variable	174	104·8	26th ,,	74·6	27 & 29 ,,	93·9	77·1	85·5	+2·0	82·2
	Malda	Malda ...	29·590	29·621	—	SE	95	102·6	26th ,,	72·3	29th ,,	95·1	76·1	85·6	—	82·8
	Dinajpur	Dinajpur ...	29·562	29·633	—·146?	Ely	62*	100·6	26th ,,	70·7	27th ,,	91·2	75·3*	83·8*	+2·2*	78·0
	Rangpur	Rangpur ...	29·601	29·679	—·094	E	91	95·8	26th ,,	67·9	27th ,,	89·7	74·3	82·1	+4·0	78·0
	Jalpaiguri ... ..., Kuch Bihar	Jalpaiguri ...	29·426	29·664	—·109	SE	180	93·9	26th ,,	70·6	26th ,,	89·8	72·9	81·4	+4·2	78·4
	Darjeeling Hill Tracts...	Darjeeling ...	22·891	—	—·091	SW	281	67·1	25th ,,	50·1	30th ,,	63·2	52·5	57·9	+4·2	57·4
North Bihar.	Purnea ... ..., North Bhágalpur ...	Purnea ...	29·558	29·637	—·110	NEly	4 62	102·8	26th ,,	68·2	27th ,,	95·1	73·8	84·5	+1·8	79·5
	Muzaffarpur	Muzaffarpur	29·483	29·613	—	ENE	195	106·7	24th ,,	75·2	25 & 30 ,,	100·6	76·9	88·8	—	83·0
	Darbhanga	Darbhanga	29·517	29·636	—·104	Ely	117	104·5	25 & 26 ,,	73·0	25 & 27 ,,	98·3	75·1	86·7	+2·3	83·0
	Champaran	Motihari ...	29·427	29·607	—·115	ESE	192	106·2	25 & 26 ,,	70·8	26th ,,	101·3	75·3	88·4	+5·1	83·6
	Saran	Chapra ...	29·162	29·593	—·105	Sly	180	109·7	25th ,,	77·6	24, 26 & 27. ,,	105·5	79·1	92·3	+5·8	86·3
South Bihar.	Shahabad	Dehri* ...	29·306	29·600	—·105	SWly	272	112·5	26th ,,	75·0	28th ,,	108·8	80·5	94·7	+6·2	91·0
		Buxar ...	29·411	29·601	—·113	W	169	109·9	24, 25 ,,	78·7	24th ,,	105·8	81·3	93·5	+5·0	87·4
		Arrah ...	29·451	29·590	—·108	Variable	135	111·9	24th ,,	76·5	24th ,,	106·8	80·6	93·7	+5·6	87·1
	Gaya	Gaya ...	29·254	29·574	—·130	Variable	142	112·6	25th ,,	80·8	24 & 25 ,,	110·0	83·0	96·5	+6·0	90·6
	Patna	Bankipore ...	29·461	29·598	—·127	E	155	109·1	25th ,,	77·2	27th ,,	104·2	79·3	91·8	+3·8	86·8
	South Bhágalpur ..., Monghyr	Bhágalpur ...	29·488	29·601	—·119	Variable	90	108·8	24th ,,	71·0	26th ,,	100·5	76·0	88·7	+4·6	83·3
	Sonthal Parganas ...	Dumka ...	29·162	29·599	—·117	E	204	109·2	24th ,,	76·7	29th ,,	103·6	79·5	91·6	+4·0	87·4
Chota Nagpur.	Hazáribágh	Hazáribágh ...	27·677	29·578	—·105	SWly	287	107·1	24 & 25 ,,	76·3	27th ,,	104·8	78·7	91·7	+4·6	86·9
	Lohardaga ... ..., Manbhum	Ranchi ...	27·579	29·587	—·084	SW	221	106·0	28th ,,	74·4	27th ,,	104·5	78·2	91·4	+5·4	88·4
	Singhbhum	Chaibassa ...	28·904	29·591	—·099	Variable	66	112·3	28th ,,	80·2	27th ,,	110·9	83·2	97·1	+5·8	91·9
Assam.	Sibsagar	Sibsagar ...	29·429	29·721	—·131	NE		90·1	29th ,,	63·3	26th ,,	83·0	68·8	76·0	+0·5	73·0
	Goalpara	Dhubri ...	29·606	29·676	—·109	Variable	204	90·2	26th ,,	70·3	27th ,,	86·1	72·9	79·5	+1·7	76·7
	Cachar	Silchar ...	29·679	29·736	—·096	Calm		87·5	24th ,,	63·4	26th ,,	85·7	69·7	77·7	—1·2	73·3

* Mean of 6 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last

The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 30th of April 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	Of week. Mean for district.	Of week. Normal mean.	District observations. Rainfall. Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 1st April 1892. Mean for district.	Since 1st April 1892. Normal mean.	Since 1st April 1892. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
89	3·4	Nil	0·02	0·25	0·02	1·16	−1·14	0·02	1·16	−1·14	0·00	0·49	Puri ...	Puri	Orissa.
86	0·1	0·02											Gopalpore ...		
82	3·9	Nil											False Point ...		
70	2·4	Nil	Nil	0·30	0·05	1·25	−1·20	0·05	1·25	−1·20	0·00	0·43	Cuttack ...	Cuttack	
71	1·9	Nil	Nil	0·84	0·84	2·24	−1·40	0·84	2·24	−1·40	0·00	1·60	Balasore ...	Balasore	
83	4·1	Nil	0·02	0·90	0·48	2·41	−1·93	0·48	2·41	−1·93	0·00	1·34	Saugor Island ...	South-West Midnapore; South 24-Parganas ...	South-West Bengal.
66	1·3	Nil	0·07	1·26	1·56	2·72	−1·16	1·56	2·72	−1·16	0·33	1·49	Midnapore ...	Midnapore	
77	4·0	0·94	0·96	1·39	2·40	2·95	−0·55	2·40	2·95	−0·55	1·50	1·67	Calcutta ...	24-Parganas ...; Howrah ... ...; Hooghly	
70	4·0	Nil	0·60	1·21	2·58	2·98	−0·40	2·58	2·98	−0·40	1·00	1·59	Burdwan ...	Burdwan	
61	3·3	Nil	Nil	0·77	0·86	1·76	−0·90	0·86	1·76	−0·90	0·00	1·49	Bankura ...	Bankura	
65	2·4	0·07	0·13	0·50	1·13	1·56	−0·43	1·13	1·56	−0·43	0·50	1·16	Raniganj ...	Birbhum ... ...; West Burdwan ...	
80	4·7	0·97	0·89	0·97	2·54	2·10	+0·44	2·54	2·10	+0·44	1·17	1·40	Berhampore ...	Murshidabad ...	
77	4·6	0·71	0·19	1·54	2·22	3·96	−1·74	2·22	3·96	−1·74	0·60	1·92	Krishnagar ...	Nadia	
80	7·9	Nil	0·50	1·75	2·68	4·62	−1·94	2·68	4·62	−1·94	1·00	2·04	Jessore ...	Jessore ... ...; Khulna	
83	8·1	7·38		2·57		4·82			4·82			2·43	Chittagong ...	Chittagong	East Bengal.
			4·24	2·81	7·50	5·58	+1·92	7·50	5·58	+1·92	4·00	3·05	Domagiri ...	Chittagong Hill Tracts	
80	0·1	1·73	1·70	1·75	2·45	4·50	−2·05	2·45	4·50	−2·05	1·75	2·16	Barisál ...	Backergunge	
81	4·7	2·06	2·40	2·08	8·95	6·58	+2·37	8·95	6·58	+2·37	2·50	3·00	Noakhali ...	Noakhali	
84	7·6	1·08	1·45	1·87	3·68	5·12	−1·44	3·68	5·12	−1·44	2·33	2·36	Faridpur ...	Faridpur	
83	8·3	2·48	2·51	2·14	4·65	6·07	−1·42	4·65	6·07	−1·42	2·75	2·55	Dacca ...	Dacca	
84	5·4	2·71	4·22	2·65	11·84	6·78	+5·06	11·84	6·78	+5·06	2·75	2·66	Comilla ...	Tippera	
88	7·4	3·46	3·05	2·26	7·40	5·54	+1·86	7·40	5·54	+1·86	2·80	2·68	Mymensingh ...	Mymensingh	
83	7·9	0·85	1·12	1·35	6·25	2·95	+3·30	6·25	2·95	+3·30	1·75	1·70	Bogra ...	Bogra	North Bengal.
86	9·3	4·86	2·54	1·55	5·78	4·01	+1·77	5·78	4·01	+1·77	2·00	2·19	Sirajganj ...	Pabna	
80	3·4	0·27	0·35	1·05	3·03	2·13	+0·90	3·03	2·13	+0·90	0·67	1·56	Rampur Boalia ..	Rajshahi	
82	3·3	2·57	1·29	0·73	3·85	1·50	+2·35	3·85	1·50	+2·35	0·50	1·38	Malda ...	Malda	
87	9·7	0·12	0·52	0·89	3·41	1·83	+1·58	3·41	1·83	+1·58	1·00	1·30	Dinajpur ...	Dinajpur	
87	3·3	0·27	0·18	1·98	5·05	4·86	+0·19	5·05	4·86	+0·19	1·00	2·41	Rangpur ...	Rangpur	
83	2·1	0·42	0·69	2·11	3·71	5·79	−2·08	3·71	5·79	−2·08	1·60	2·64	Jalpaiguri ...	Jalpaiguri ... ...; Kuch Bihar	
82	4·9	2·04	3·69	1·76	9·64	5·98	+3·66	9·64	5·98	+3·66	3·25	2·50	Darjeeling ...	Darjeeling Hill Tracts	
75	4·3	0·05	0·25	0·91	2·32	2·02	+0·30	2·32	2·02	+0·30	0·40	1·27	Purnea ...	Purnea ... ...; North Bhágalpur ...	North Bihár.
67	1·3	Nil	0·10	0·30	0·49	0·85	−0·36	0·49	0·85	−0·36	0·33	0·58	Muzaffarpur ...	Muzaffarpur	
68	2·0	0·29	0·10	0·40	0·40	0·95	−0·55	0·40	0·95	−0·55	0·33	0·73	Darbhanga ...	Darbhanga	
57	1·7	Nil	Nil	0·55	0·14	1·17	−1·03	0·14	1·17	−1·03	0·00	0·59	Motihari ...	Champaran	
54	0	Nil	Nil	0·48	0·05	0·63	−0·58	0·05	0·63	−0·58	0·00	0·52	Chapra ...	Saran	
30	0	Nil											Dehri ...		South Bihár.
44	0	Nil	Nil	0·11	0·04	0·25	−0·21	0·04	0·25	−0·21	0·00	0·22	Buxar ...	Shahabad	
40	1·0	Nil											Arrah ...		
49	0	Nil	Nil	0·13	Nil	0·33	−0·33	Nil	0·33	−0·33	0·00	0·32	Gaya ...	Gaya	
55	0	Nil	Nil	0·23	0·06	0·39	−0·33	0·06	0·39	−0·33	0·00	0·39	Bankipore ...	Patna	
66	2·6	Nil	Nil	0·33	0·77	0·77	0	0·77	0·77	0	0·00	0·65	Bhágalpur ...	South Bhágalpur ...; Monghyr	
61	1·4	0·17	0·07	0·53	0·77	1·18	−0·41	0·77	1·18	−0·41	0·33	1·05	Dumka ...	Sonthal Parganas ...	
38	0	Nil	Nil	0·29	Nil	0·51	−0·51	Nil	0·51	−0·51	0·00	0·55	Hazáribagh ...	Hazáribágh	Chota Nagpur.
47	0	Nil	Nil	0·17	0·05	0·49	−0·44	0·05	0·49	−0·44	0·00	0·44	Ranchi ...	Lohardaga	
			Nil	0·35	0·28	0·96	−0·68	0·28	0·96	−0·68	0·00	0·85		Manbhum	
45	0	Nil	Nil	0·50	0·34	1·10	−0·76	0·34	1·10	−0·76	0·00	0·73	Chaibassa ...	Singbhum	
94	7·1	3·17											Sibsagar	Assam	Assam.
84	0·6	1·00											Dhubri		
87	8·3	9·10											Silchar		

ten years. The variations are *negative* when the mean of the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean
past ten years. The means of the district are the numerical average of the rainfall return received in the district, *i.e.*, from total rainfall at the subdivisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 30th of April 1892.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL—			Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
			Sunday, 24th April.	Monday, 25th April.	Tuesday, 26th April.	Wednesday 27th April.	Thursday, 28th April.	Friday, 29th April.	Saturday, 30th April.	Number of rainy days.	Rainfall of week.	Average normal rainfall of week.				
ORISSA ...	Puri ...	Puri ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·68	Nil	0·68
		Khurda ...	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·94	Nil	0·94
		Banpur ...	......	......	......	0·07	......	......	......	Nil	0·07	0·25	0·09	0·76	0·09	0·76
		False Point ...	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	2·26	Nil	2·26
		Gop ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Satpara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pipli .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Cuttack	Jagatsingpore	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·84	Nil	0·84
		Banki ...	......	......	......	......	......	......	......	Nil	Nil	0·13	0·04	0·38	0·04	0·38
		Cuttack ...	......	......	......	......	......	......	......	Nil	Nil	0·36	0·15	1·66	0·15	1·66
		Kendrapara ...	......	......	......	......	......	......	......	Nil	Nil	0·18	0·01	1·22	0·01	1·22
		Jajpur ...	......	......	......	......	......	......	......	Nil	Nil	0·50	0·07	2·12	0·07	2·12
		Dharmsala ..	......	......	......	......	......	......	......	Nil	Nil	?	0·18	?	0·18	?
		Salipore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Balasore .	*Akhyapada* ...	......	......	......	......	......	......	......	Nil	Nil	?	0·42	?	0·42	?
		Chandbali ...	......	......	......	......	......	......	......	Nil	Nil	0·58	Nil	1·52	Nil	1·52
		Bhadrak ...	......	......	......	......	......	......	......	Nil	Nil	0·58	4·59	2·24	4·59	2·24
		Sorah ...	......	......	......	......	......	......	......	Nil	Nil	1·14	0·25	2·62	0·25	2·62
		Balasore ...	......	......	......	......	......	......	......	Nil	Nil	0·94	0·04	3·10	0·04	3·10
		Jellasore ..	......	......	......	......	......	......	......	Nil	Nil	0·76	0·20	1·81	0·20	1·81
		Baripodah ...	......	......	......	......	......	......	......	Nil	Nil	1·04	Nil	2·12	Nil	2·12
SOUTH-WEST BENGAL.	Midnapore ...	Contai .	......	......	......	......	......	......	......	Nil	Nil	0·76	0·81	2·02	0·81	2·02
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	0·79	0·03	2·03	0·03	2·03
		Tamluk ...	......	......	......	......	......	......	0·20	1	0·20	1·03	1·73	2·36	1·73	2·36
		Midnapore ...	......	......	......	......	......	......	......	Nil	Nil	1·49	1·70	2·79	1·70	2·79
		Ghatál ...	......	......	......	......	......	......	......	Nil	Nil	1·26	1·25	2·99	1·25	2·99
		Kukrahaty ...	......	......	......	......	......	0·10	......	1	0·10	?	0·66	?	0·66	?
		Garhbeta ...	......	......	......	......	......	......	......	Nil	Nil	?	0·75	?	0·75	?
	24-Parganas ...	Diamond Harbour ...	......	......	......	......	......	0·07	......	Nil	0·07	1·16	0·60	3·18	0·60	3·18
		Canning Town	......	......	......	......	......	0·98	0·05	1	1·03	?	2·98	?	2·98	?
		Alipore Jail ...	......	......	......	......	......	0·54	0·33	2	0·87	1·22	1·77	2·69	1·77	2·69
		Barrackpore...	......	......	......	......	......	0·80	0·67	2	1·47	1·32	2·37	2·79	2·37	2·79
		Dum-Dum ...	......	......	......	......	......	1·00	0·81	2	1·81	1·28	2·74	3·04	2·74	3·04
		Barasat ...	......	......	......	......	......	0·60	0·45	2	1·05	1·57	2·66	3·19	2·66	3·19
		Basirhat ...	......	......	......	......	......	......	......	Nil	Nil	1·30	3·35	3·05	3·35	3·05
	Howrah ...	Howrah ...	......	......	......	......	......	0·70	0·17	2	0·87	1·11	1·53	2·85	1·53	2·85
		Mohesreka ...	......	......	......	......	......	0·42	0·02	1	0·44	1·67	1·28	2·69	1·28	2·60
		Ulubaria ...	......	......	......	......	......	0·50	......	1	0·50	?	1·35	?	1·35	?
	Hooghly ..	Serampore ...	......	......	......	......	......	0·97	0·84	2	1·81	1·33	3·49	2·78	3·49	2·78
		Hooghly ...	......	......	......	......	......	0·98	0·19	2	1·17	1·72	3·73	3·36	3·73	3·36
		Jahánabad ...	......	......	......	......	......	......	0·09	Nil	0·09	1·34	1·05	3·07	1·05	3·07
	Burdwan ...	Kalna ...	......	......	......	......	0·50	0·62	......	2	1·12	1·34	4·37	3·39	4·37	3·39
		Burdwan ...	......	......	......	......	......	......	......	Nil	Nil	0·98	1·92	3·00	1·92	3·00
		Katwa ...	......	......	......	......	0·70	......	......	1	0·70	1·31	1·47	2·55	1·47	2·55
		Raniganj ...	......	......	......	......	0·07	......	......	Nil	0·07	0·51	2·01	1·66	2·01	1·66
		Mankur ...	......	......	......	......	......	......	......	Nil	Nil	?	0·18	?	0·18	?
	Bankura ...	Bankura ...	......	......	......	......	......	......	......	Nil	Nil	0·74	0·84	2·02	0·84	2·02
		Bishenpore ...	......	......	......	......	......	......	......	Nil	Nil	1·15	1·18	2·51	1·18	2·51
		Maliara ...	......	......	......	......	......	......	......	Nil	Nil	0·69	0·72	1·38	0·72	1·38
		Khatra ...	......	......	......	......	......	......	......	Nil	Nil	0·49	0·70	1·09	0·70	1·09
		Indas ...	......	......	......	......	......	......	......	Nil	Nil	?	1·79	?	1·79	?
		Kotalpore ...	......	......	......	......	......	......	......	Nil	Nil	?	0·88	?	0·88	?
		Anda ...	......	......	......	......	......	......	......	Nil	Nil	?	1·61	?	1·61	?
		Gangajalghati	......	......	......	......	......	0·10	......	1	0·10	?	0·46	?	0·46	?
		Raipore ...	......	......	......	......	......	......	......	Nil	Nil	?	1·05	?	1·05	?
		Sonamukhi ...	......	......	......	......	......	......	......	Nil	Nil	?	0·59	?	0·59	?
	Birbhum ...	Bh. Suri ...	......	......	......	......	......	......	0·10	1	0·10	0·33	0·50	1·36	0·50	1·36
		Hetampore ...	......	......	......	......	0·27	......	......	1	0·27	0·55	0·32	1·28	0·32	1·28
		Rampur Hát...	......	......	......	......	0·08	......	......	Nil	0·08	0·57	1·70	1·89	1·70	1·89
		Bolpore ..	......	......	......	......	0·09	......	......	Nil	0·09	?	0·09	?	0·09	?
		Murari ...	......	......	......	......	......	......	......	Nil	Nil	?	1·42	?	1·42	?
	Nadia ...	Ranaghat ..	......	......	......	......	......	0·09	......	Nil	0·09	1·20	2·53	3·72	2·53	3·72
		Krisnnagar ...	......	......	......	......	0·45	0·26	......	2	0·71	1·52	4·18	3·71	4·18	3·71
		Chuadanga ...	......	......	......	......	0·15	......	......	1	0·15	1·61	1·05	4·13	1·05	4·13
		Meherpore ...	......	......	......	......	......	......	......	Nil	Nil	1·84	0·18	4·05	0·18	4·05
		Kushtia .	......	......	......	......	......	......	......	Nil	Nil	1·54	3·16	4·19	3·16	4·19
	Khulna ..	Satkhira .	......	......	......	......	......	0·60	......	1	0·60	1·57	2·92	4·10	2·92	4·10
		Bágerhat ...	......	......	......	0·16	......	......	......	1	0·16	1·91	0·46	4·86	0·46	4·86
		Khulna ...	......	......	......	0·32	......	0·18	......	2	0·50	1·82	2·63	4·62	2·63	4·62
		Nakipur ...	......	......	......	......	......	......	......	Nil	Nil	?	1·70	?	1·70	?
		Rampal .	......	......	......	......	......	......	......	Nil	Nil	?	0·80	?	0·80	?
	Jessore ...	Narail ..	......	......	......	0·34	......	......	......	1	0·34	1·84	4·39	4·59	4·39	4·59
		Jessore ...	......	......	......	......	......	......	......	Nil	Nil	2·02	1·83	5·44	1·83	5·44
		Jhenidah ...	......	......	......	......	0·40	......	......	1	0·49	1·71	3·85	4·48	3·85	4·48
		Magura ...	......	......	......	1·74	0·17	......	......	2	1·91	1·83	3·04	5·29	3·04	5·29
		Bangaon ..	......	......	......	......	......	......	......	Nil	Nil	1·30	2·32	3·57	2·32	3·57
	Murshidabad	Kandi ...	......	......	......	......	0·69	0·60	......	2	1·29	0·68	2·62	2·08	2·62	2·08
		Berhampore ...	......	0·09	......	......	0·03	0·85	......	1	0·97	1·02	2·32	2·53	2·32	2·53
		Lalbagh ...	......	......	......	......	......	0·56	......	1	0·56	1·17	2·15	2·19	2·15	2·19
		Azimgunge ...	......	......	......	......	......	0·50	......	1	0·50	0·89	2·34	1·90	2·34	1·90
		Jangipur ..	......	......	......	......	......	0·79	......	1	0·79	0·86	2·73	1·68	2·73	1·68
		Lalgola ...	......	......	......	......	......	1·25	......	1	1·25	1·17	3·00	2·14	3·00	2·14
		Akhriganj ...	......	......	......	......	......	......	......	Nil	Nil	?	1·69	?	1·69	?
		Patkabari ...	......	......	......	......	......	......	......	Nil	Nil	?	1·82	?	1·82	?
EAST BENGAL	Chittagong ...	Cox's Bazar ...	0·01	......	......	1·43						2·19		4·19		4·19
		Chittagong ...	0·12	......	0·04	1·26	......	2·20				2·04		5·45		5·45
		Kutubdia ...										?		?		?
		Satkanya ...	......	......	......	0·04	......	1·15				?		?		?
	Chittagong Hill Tracts.	Rangamati ...	0·04	......	0·12	1·40	0·02	2·53	0·13	4	4·24	2·81	7·50	5·58	7·50	5·58
		Bundarban ...										?		?		?
	Backergunge	Patuakhali ...	......	......	......	0·77	......	2·50	......	2	3·27	1·71	4·07	4·48	4·07	4·48
		Pirojpur ...	......	......	......	......	......	0·85	......	1	0·85	1·85	1·36	4·05	1·36	4·05
		Barisal ...	......	......	......	0·45	......	1·27	......	2	1·72	1·50	2·48	4·30	2·48	4·30
		Bhola ...	......	......	......	0·19	......	0·77	......	2	0·96	1·95	1·87	5·17	1·87	5·17

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 30th of April 1892—contd.

Meteorological division.	District.	Station.	Rainfall. Sunday, 24th April.	Monday, 25th April.	Tuesday, 26th April.	Wednesday, 27th April.	Thursday, 28th April.	Friday, 29th April.	Saturday, 30th April.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
EAST BENGAL—concld.		*Gournaddi* ...	......	......	......	0·25	......	2·75	......	2	3·00	?	4·71	?	4·71	?
		Bayphal ...	......	......	......	0·59	......	1·36	......	2	1·95	?	2·47	?	2·47	?
	Noakhali ...	Noakhali ...	......	......	......	0·32	......	1·60	0·03	2	1·95	2·49	7·25	6·02	7·25	6·02
		Fenny ...	......	......	......	0·35	0·20	1·70	2·34	4	5·19	3·47	10·66	7·12	10·66	7·12
		Harishpore ...	......	......	......	0·53						?		?		?
		Ramganj ...	......	......	......	......	......	2·41	......	1	2·41	?	4·41	?	4·41	?
	Faridpur ...	Madaripur ...	......	......	......	0·36	......	1·57	......	2	1·93	2·28	4·41	5·32	4·41	5·32
		Faridpur ...	......	......	0·10	0·28	0·10	0·60	......	4	1·08	1·59	8·23	4·79	8·23	4·79
		Goalundo ...	......	......	......	1·30	0·04	......	......	1	1·34	1·73	3·38	5·24	3·38	5·24
	Dacca ...	Munshiganj ...	......	......	0·15	0·07	2·78	0·35	......	3	3·35	2·16	6·99	6·30	6·90	6·36
		Dacca ...	......	......	0·12	......	2·25	0·35	......	3	2·72	1·94	3·09	5·83	3·69	5·83
		Narainganj ...	......	......	0·12	......	1·62	0·23	......	3	1·97	1·99	3·64	6·13	3·64	6·13
		Manikganj ...	......	......	0·04	0·03	1·53	0·39	......	2	1·99	2·46	4·29	5·92	14·29	5·92
		Joyadebpore ...	......	......	0·04	0·05	3·82	0·43	0·03	2	4·40	?	6·93	?	6·93	?
	Hill Tippera / Tippera ...	Agartola ...	......	......	......	0·85	......	2·13	1·58	3	4·56	2·94	11·88	7·11	11·88	7·11
		Comilla ...	0·03	......	......	0·71	......	1·29	0·74	3	2·77	2·85	10·44	7·04	10·44	7·04
		Chandpore ...	......	......	......	0·06	......	5·98	......	1	6·04	2·17	13·66	6·23	13·66	6·23
		Brahmanbaria	......	......	......	0·77	0·56	0·55	1·65	4	3·53	2·62	11·39	6·73	11·39	6·73
		Ramchandrapore ...	......	......	......	0·05	1·09	......	0·99	2	2·13	?	7·30	?	7·30	?
		Nasirnagar ...	......	......	......	......	1·20	1·90				?		?		?
		Daudkandi ...	0·04	0·16	0·03	......	0·08	0·76	0·16	3	1·23	?	2·47	?	2·47	?
		Kasba ...	......	......	1·50	0·16	0·74	1·70	1·32	5	5·42	?	11·61	?	11·61	?
		Laksham ...	......	......	......	0·90	......	2·10	1·50	3	4·50	?	6·75	?	6·75	?
	Mymensingh...	Kishoregunge	......	......	......	......	0·91	......	2·42	2	3·33	2·50	9·09	6·30	9·09	6·39
		Atia (Tangail)	......	......	......	0·33	1·49	0·48	0·79	4	3 9	1·96	7·33	4·78	7·33	4·73
		Mymensingh ...	......	0·02	......	......	2·60	0·17	0 67	3	3·46	2·09	8·17	5·25	8·17	5·25
		Jamalpur ...	......	......	......	......	0·49	......	0 36	2	0 85	1·93	2·81	4·53	2 81	4·53
		Netrokona ...	......	......	......	......	2·58	0·29	1·65	3	4·52	2·81	9·58	6·72	9·58	0·72
		Subornakhali	......	......	......	......	0·85	......	......	1	0·85	?	5·48	?	5·48	?
		Durgapore ...	......	......	......	......	1·12	......	1·50	2	2 62	?	7·72	?	7·72	?
		Sherepore Town	......	......	......	......	0·46	......	0·61	2	1·07	?	4·54	?	4 54	?
		Dewanganj ...										?		?		?
NORTH BENGAL.	Pabna ...	Pabna ...	......	......	......	......	0·21	......	......	1	0·21	1·45	3·24	4·21	3·24	4·21
		Sirajganj ...	......	0·26	......	......	2·43	2·17	......	3	4·86	1·65	8·30	3·79	8·30	3·79
	Bogra ...	Sherepore ...	......	0·27	......	......	0·17	1·30	......	3	1·74	1·39	6·96	2·71	6·96	2·71
		Nowkhilla ...	......	0·14	......	......	0·40	......	......	2	0·54	1·39	6·52	3·20	6·52	3·20
		Bogra ...	......	......	......	......	0·80	0·05	......	1	0·85	1 75	4·65	3·50	4·65	3·50
		Panchbibi ...	......	......	......	......	1·34	......	......	1	1·34	0·80	6·83	2·32	6·83	2·32
	Rajshahi ...	Boalia ...	......	......	......	......	......	0·27	......	1	0·27	1·06	3·28	2·12	3·28	2·12
		Nator ...	......	......	......	......	......	......	......	Nil	Nil	1·64	3·22	3·54	3·22	3·34
		Naogaon ...	......	......	......	......	0·78	......	......	1	0·78	0·44	2·59	0·92	2·59	0 92
		Lalpore ...	......	......	......	......	......	......	......	Nil	Nil	?	2·53	?	2·53	?
		Manda ...	......	......	......	......	0·50	......	......	1	0 50	?	4·23	?	4·23	?
	Malda ...	Malda ...	......	......	......	......	......	0·09	2·48	1	2·57	0·72	6·10	1·46	6·10	1·46
		Chanchal ...	......	......	......	......	......	......	......	Nil	Nil	0·73	1·57	1·50	1·57	1·50
		Gajol ...	......	......	......	......	0·16	1·85	......	2	2·01	?	5·08	?	5·08	?
		Sibganj ...	......	......	......	......	......	0·10	......	1	0·10	?	2·75	?	2·75	?
	Dinajpur	Mohadebpore	......	......	......	......	......	0·10	......	1	0·10	0·93	3·01	1·85	3·01	1·85
		Churamon ...	......	......	......	......	......	......	......	Nil	Nil	0·67	3·32	1·16	3·32	1·16
		Raigunge ...	......	......	......	......	0·78	0·14	......	2	0·92	1·27	2·14	2·27	2·14	2·27
		Dinajpur ...	......	......	......	......	0·31	0·03	0·02	1	0·36	1·23	2·33	2·72	2·33	2·72
		Baloorghat ...	......	......	......	......	......	1·22	......	1	1·22	0·36	6·23	1·15	6·23	1·15
		Thakoorgaon	......	......	......	......	......	......	0·35	1	0·35	?	1·79	?	1·79	?
	Rangpur ...	Bhawanigunge (Gyabandha)	......	......	......	......	0·22	......	0·10	2	0·32	1·43	5·52	3·77	5·52	3·77
		Rangpur ...	......	......	......	......	0 14	......	0.13	2	0·27	1·90	5·79	4·48	5·79	4·48
		Kurigram ...	......	......	......	......	0 05	......	......	Nil	0·05	2·65	6·02	6·59	6·02	6·59
		Baguogra (*Nilphamari*)	......	......	......	......	......	......	0·09	Nil	0·09	1·95	2·86	4·70	2·86	4·70
		Ulipore ...	......	......	......	......	0·22	......	......	1	0·22	?	4·82	?	4·82	?
	Jalpaiguri ...	Jalpaiguri ...	......	......	......	0·06	......	0·37	0·07	1	0·50	1·88	3·52	5·37	3·52	5·37
		Alipore Dooar	1·59	0·34	......	......	......	......	1·74	3	3·67	?	9·65	?	9 65	?
		Fallacotta ...	......	0·05	0·09	......	......	0·18	......	1	0·32	?	5·48	?	5·48	?
		Debiganj ...	......	......	......	......	......	......	......	Nil	Nil	?	4·24	?	4·24	?
		Bhagatpore (Nagrakatta)	1·40	0·03	1·29	0·15	......	5·00	2·38	5	10·25	?	23·20	?	23·20	?
	Kuch Bihar ...	Dinhatta ...	0·09	......	......	......	......	0·03	0·17	1	0·29	2·31	1·92	5·87	1·92	5·87
		Kuch Bihar ...	0·11	......	......	......	......	......	1·20	2	1·31	2·77	4·10	7·16	4·10	7·16
		Mickilgunge ...	0·05	......	......	......	......	0·12	0·15	2	0 32	1·70	5·29	5 44	5·29	5 44
		Mathabhanga	0·07	......	......	......	......	0·11	0·87	2	1·05	1·87	3·74	5·20	3·74	5·20
	Darjeeling Hill.	Buxa ...	3·50	0·67	0·50	......	0·09	1·23	1·60	5	7·58	3·17	16·54	10·54	16·54	10·54
		Siliguri ...	0·24	......	......	......	......	3·46	......	2	3·70	0·77	7·49	3·70	7·49	3 70
		Darjeeling ...	......	......	0·05	0·12	0·81	1·06	......	3	2·04	1·86	8·30	5·63	8·30	5·63
		Kalimpong ...	......	......	0·06	0·63	0·14	0·57	0·05	3	1·45	1·22	6·24	4·00	6·24	4·00
		Kurseong ...	......	0·11	......	0·03	......	0·51	0·13	3	0·78	?	9·36	?	9·36	?
NORTH BIHÁR	Purnea ...	Kishanganj ...	......	......	......	......	......	0·05	0·33	1	0·38	0·98	3·08	2·74	3·08	2·74
		Araria ...	......	......	......	......	......	0·09	......	Nil	0·09	0·97	1·82	2·23	1·82	2·23
		Purnea ...	......	......	......	......	......	......	0·05	Nil	0·05	0·88	2·53	1·92	2·53	1·92
		Gondwara (Korah)	......	......	......	......	......	......	......	Nil	Nil	?	3·73	?	3·73	?
		Barsoe ...	......	......	......	......	0·03	......	......	Nil	0·03	?	2 94	?	2·94	?
	North Bhágalpur.	*Forbesganj* ...	......	......	......	......	......	0·24	0·02	1	0·26	?	0·80	?	0·80	?
		Kaisugan. ...	......	0·07	......	......	......	0 10	0 07	1	0·24	?	1·57	?	1·57	?
		Madhipura ...	......	......	......	......	0·09	......	0·57	1	0·66	0·82	2·48	1·66	2·48	1·66
		Supaul ...	......	......	......	......	0·08	......	0·31	1	0·39	0·89	1·70	1·54	1·70	1·54
		Protabganj ...	......	......	......	......	......	......	......	Nil	Nil	?	0 88	?	0·88	?
	Darbhanga ...	Tájpur ...	......	......	......	......	......	......	......	Nil	Nil	0·28	0·15	0·58	0·15	0·58
		Darbhanga ...	......	......	......	......	......	......	0·20	1	0·20	0·38	0·56	0·93	0·56	0·93
		Madhubani ...	......	......	......	......	......	......	......	Nil	Nil	0·55	0·52	1·37	0·52	1·37
		Banera ...	......	......	......	......	......	......	0·20	1	0·20	?	0·47	?	0·17	?
		Roshera ...	......	......	......	......	......	......	......	Nil	Nil	?	0·16	?	0·16	?
	Muzaffarpur...	Sitamarhi ...	......	......	......	......	......	......	0·30	1	0·30	0·30	1·46	1·42	1·46	1·42
		Muzaffarpur	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·81	Nil	0·81
		Hajipur ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·33	Nil	0 33
		Para ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Mahua ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bahar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pupri ...	......	......	......	......	......	......	0·70	1	0·70	?	1·42	?	1·42	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 30th of April 1892—concld.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 24th April.	Monday, 25th April.	Tuesday, 26th April.	Wednesday, 27th April.	Thursday, 28th April.	Friday, 29th April.	Saturday, 30th April.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
NORTH BIHÁR —*concluded.*	Champaran ...	Motihari ...	......	......	......	......	......	......	......	Nil	Nil	0·35	0·16	0·98	0·16	0·9
		Bettiah ...	......	......	......	......	......	......	......	Nil	Nil	0·75	0·12	1·38	0·12	1·39
		Bagaha ...	......	......	......	......	......	......	......	Nil	Nil	?	0·16	?	0·16	?
		Burhurwa ...	......	......	......	......	......	......	......	Nil	Nil	?	0·03	?	0·03	?
	Saran ...	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·99	0·15	1·08	0·15	1·08
		Siwán ...	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·47	Nil	0·47
		Chapra ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·35	Nil	0·35
SOUTH BIHÁR	Shahabad ...	Buxar ...	......	......	......	......	......	......	......	Nil	Nil	0·05	0·05	0·19	0·05	0·19
		Dehri ...	......	......	......	......	......	......	......	Nil	Nil	Nil	0·17	0·11	0·17	0·11
		Bhabhua ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·26	Nil	0·26
		Sasarám ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·26	Nil	0·26
		Arrah ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·38	Nil	0·38
		Mohaniah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Ageaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rammagor ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Kouth ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sikroul ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bassowan ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Monaharpur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Gaya ..	Aurangabad ...	......	......	......	......	......	......	......	Nil	Nil	0·09	Nil	0·31	Nil	0·31
		Gaya ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·38	Nil	0·38
		Nawádah ...	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·49	Nil	0·49
		Jahánabad ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	0·17	Nil	0·17
		Arwal ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Daudnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sherghati ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rajauli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		PakriBarawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Patna ...	Patna ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·33	Nil	0·33
		Dinapore ..	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·38	Nil	0·38
		Bihár ...	......	......	......	......	......	......	......	Nil	Nil	0·24	0·25	0·42	0·25	0·42
		Barh ...	......	......	......	......	......	......	......	Nil	Nil	0·38	Nil	0·46	Nil	0·46
		Bickram ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hilsa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Monghyr ...	Begusarai ...	......	......	......	......	......	......	......	Nil	Nil	0·37	1·43	0·65	1·43	0·65
		Monghyr .	......	......	......	......	......	......	......	Nil	Nil	0·41	0·48	0·76	0·48	0·76
		Jamui ...	......	......	......	......	......	......	......	Nil	Nil	0·29	0·50	0·74	0·50	0·74
		Gogri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	South Bhágalpur.	Bhágalpur ...	......	......	......	......	......	......	......	Nil	Nil	0·33	0·66	1·00	0·66	1·00
		Banka ...	......	......	......	......	......	......	......	Nil	Nil	0·19	0·80	0·69	0·80	0·69
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	0·86	?	0·86	?
		Banyaon ..	......	......	......	......	......	......	......	Nil	Nil	?	1·77	?	1·77	?
	Sonthal Parganas.	Rajmahal ...	......	......	......	......	0·24	......	......	1	0·24	0·91	1·59	1·77	1·59	1·77
		Godda ...	......	......	......	......	......	......	......	Nil	Nil	0·34	0·55	0·79	0·55	0·79
		Pakour	......	......	......	......	......	......	......	Nil	Nil	0·45	1·05	0·89	1·05	0·89
		Naya Dumka	......	......	......	......	0·17	......	......	1	0·17	0·65	0·50	1·49	0·50	1·49
		Deoghur ..	......	......	......	......	......	......	......	Nil	Nil	0·38	0·27	1·20	0·27	1·20
		Jamtara ...	......	......	......	......	......	......	......	Nil	Nil	0·46	0·65	0·91	0·65	0·91
		Mohagama ..	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Nanihat ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
CHOTA NAGPUR.	Hazáribágh ...	Pachamba (*Giridi*). ...	......	......	......	......	......	......	......	Nil	Nil	0·43	Nil	0·90	Nil	0·90
		Hazáribágh ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·51	Nil	0·51
		Semtaguran ..	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·56	Nil	0·56
		Mahudi Hills	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·26	Nil	0·26
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·32	Nil	0·32
		Barhi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Chatra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Karagdeha ...	......	......	......	......	......	......	......	Nil	Nil	?	0·40	?	0·40	?
		Ramghar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Lohardaga ...	Lohardaga ...	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·26	Nil	0·26
		Ranchi ...	......	......	......	......	......	......	......	Nil	Nil	0·31	0·16	0·81	0·16	0·81
		Palámau ..	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·38	Nil	0·38
		Silli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Balumat ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hosseinabad	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Garwah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Singbhum ...	Chaibassa ...	......	......	......	......	......	......	......	Nil	Nil	0·50	0·34	1·10	0·34	1·10
		Chakradharpore.										?		?		?
		Ghatsilla ...	......	......	......	......	......	......	......	Nil	Nil	?	0·50	?	0·50	?
		Baharagura	......	......	......	......	......	......	......	Nil	Nil	?	2·84	?	2·84	?
	Manbhum ...	Purulia ...	......	......	......	......	......	......	......	Nil	Nil	0·44	0·30	1·15	0·30	1·15
		Gobindpur ..	......	......	......	......	......	......	......	Nil	Nil	0·26	0·26	0·77	0·26	0·77
		Raghunathpore.	......	......	......	......	......	......	......	Nil	Nil	?	0·48	?	0·48	?
		Barrabhum	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Jhalda ...	......	......	......	......	......	......	......	Nil	Nil	?	0·08	?	0·08	?
		Chas ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pandra ...	......	......	......	......	......	......	......	Nil	Nil	?	0·22	?	0·22	?

Explanation.—.... indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the 3rd May* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 30TH OF APRIL 1892.

DURING the greater part of the previous week conditions had been slightly disturbed, and local storms with rain had been numerous in East and North Bengal. On the last day or two, however, the number of nor'-westers which had occurred had became much smaller, and weather was generally becoming fairly settled. The changes of meteorological conditions which occurred on the 24th were generally very small and of little importance, and weather therefore continued fine, but the readings recorded on the morning of the 25th instant showed that a very rapid fall of pressure had occurred, which had formed a well-defined though rather shallow barometric depression in Bihár with a centre near Bhágalpur, where pressure was about a quarter of an inch below the normal, and which feeble depression produced a slight cyclonic circulation of winds over a part of the province; while apparently, owing also to the existence of this depression, extremely strong moist winds set in over the head of the Bay, and spread over a large part of the interior of the province. Conditions continued to a great extent unaltered on the 26th, while on the 27th a very rapid increase of pressure took place, the rise being very large in the north of the pressure, and at Dinajpur it almost equalled a quarter of an inch. These disturbed conditions naturally gave rise to a few local storms with rain in East and North Bengal, but the falls were not very general. On the 28th pressure continued to rise generally over the province, but there were a good many stations reporting local falls of the barometer, again pointing to the existence of disturbed conditions; and on the 28th a considerable number of stations in the eastern and northern districts reported moderate rain accompanying local storms. On the 29th the pressure changes continued rather irregular, and local storms were reported in the central and south-eastern districts; but on the 30th a very rapid fall of pressure took place, particularly in North-East Bengal, where again pressure became nearly a fifth of an inch below the normal, while the general pressure over the province was a tenth of an inch in defect. Again, owing to the existence of these disturbed conditions, local storms with rain occurred in the southern, eastern and northern districts, and on this day a few stations in North Bihár even reported rain. It will thus be seen that for the greater part of the week conditions have been disturbed, principally in the eastern and northern districts, and thus local storms with rain have been rather numerous. The meteorology of the week has also been characterised by the unusually large barometric changes which have occurred, and by the tendency to the formation of low-pressure areas in the north and north-east of the province, and probably in consequence of this distribution of pressure by the existence of unusually strong southerly winds at the head of the Bay.

Pressure.—The mean pressure for the week has been largely below the normal, the defect at the majority of stations exceeding a tenth of an inch, and generally varying from 0·09" to 0·12". The defect is largest at Sibsagar, where it equals 0·134." and in Assam generally it equals 0·11." It has also been rather large at the stations in Central and West Bengal and South Bihár, where at the beginning of the week a distinct barometric depression existed.

Temperature.—The variations of temperature have also been very considerable during the week, and the average mean temperature of the whole province has been no less than 3·4° in excess of the normal, while in South Bihár and Chota Nagpur the excess has been as large as 5°. In Assam, on the other hand, the excess has only equalled 0·8°.

Some very high maximum temperatures have been recorded during the week, and thus temperatures of from 110° to 113° have been registered at Cuttack, Balasore, Midnapore, Bankura, Raniganj, Dehri, Arrah, Gaya, and Chaibassa.

Rainfall.—The average fall of rain in East Bengal during the week has been 2·68 inches, or about 18 per cent. in excess of the usual fall for the period. North Bengal has averaged 0·80 inch and South-West Bengal 0·50 inch, or about half the normal fall in each case. North Bihár has received the small fall of 0·12 inch, but the other divisions have been practically rainless. These falls, from the nature of the rainfall, have been rather unequally distributed. In East Bengal the districts of Chittagong, Chittagong Hill Tracts, and Tippera have received abundant rain, and the remaining districts, and particularly Faridpur, less abundant rain. In North Bengal, Darjeeling, Pabna, and Malda have received decidedly heavy rain. Bogra and Dinajpur moderate rain, and the other districts smaller amounts. In South-West Bengal, Murshidabad, 24-Parganas, Howrah, Hooghly, and parts of Burdwan and Jessore districts have received good rain, and the other districts small amounts; and finally, in North Bihár the falls have been mainly confined to the Purnea and North Bhágalpur districts, though a few showers have also fallen in the Darbhanga district.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday the 30th of April 1892:—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 1st April 1892.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	112·5	72·6	95·3	80·1	87·6	+2·3	Nil	0·50	—0·50	0·00	0·91	—0·91	0·36	1·61	0·36	1·61
South-West Bengal ...	112·4	72·2	101·4	80·1	90·8	+3·3	0·50	1·23	—0·73	0·85	1·03	—0·78	2·02	2·96	2·02	2·96
East Bengal	95·1	68·2	89·3	75·3	82·3	+2·4	2·80	2·28	+0·52	2·64	2·55	+0·09	6·40	4·83	6·40	4·83
North Bengal	104·8	67·9	91·6	75·0	83·4	+2·0	0·80	1·44	—0·64	1 24	1·93	—0·69	4·39	3·48	4·39	3·48
North Bihár	109·7	68·2	100·2	76·0	88·1	+3·8	0·12	0·57	—0·45	0·25	0·81	—0·56	0·92	1·24	0·92	1·24
South Bihár	112·6	71·0	105·7	80·2	93·0	+5·0	0·02	0·28	—0·26	0·08	0·56	—0·48	0·37	0·62	0·37	0·62
Chota Nagpur	107·1*	74·4*	104·7*	78·5*	91·6*	+5·0*	Nil	0·28	—0·28	0·00	0·59	—0·59	0·10	0·63	0·10	0·63
Assam	90·2	63·4	84·9	70·2	77·6	+0·3										

* Chaibassa not included.

METEOROLOGICAL OFFICE, BENGAL,
The 3rd *May* 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 24th to 30th April 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature.						Hygrometry.			Rainfall past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
April ...	24th ...	29·740	90·1	99·0	17·9	81·1	94 6	82·0	·924	76·8	57	...
" ...	25th ...	·622	92·8	105·0	24·4	80·6	95·1	83·5	·992	79·0	60	...
" ...	26th ...	·617	92·9	105·0	24·2	80·8	93·8	85·9	1·135	83·1	71	...
" ...	27th ...	·696	90 5	98·8	16·6	82·2	92·6	85·8	1·145	83·4	75	...
" ...	28th ...	·704	87·4	94·0	13·2	80·8	91·1	82 5	·996	79·1	69	...
" ...	29th ...	·728	85·9	96·2	20·6	75·6	90·6	84·5	1·104	82·3	77	0·62
" ...	30th ...	·618	86·3	99·0	25·4	73·6	91·6	84·5	1·090	81·9	74	0·31

	Inches.
The mean 10 A.M. pressure of the seven days	29·675
	°
The mean temperature of the seven days	89·4
The extreme variation of temperature	31·4
The maximum temperature	105·0
	%
The mean 10 A.M. relative humidity of the seven days	69
The total fall of rain from 24th to 30th April 1892	0·93 inch.

The daily mean temperatures are the crude means of maximum and minimum temperatures.

J. H. GILLILAND,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
The 2nd *May* 1892.

Results of the Meteorological Observations taken at the Alipore Observatory from 24th to 30th April 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Maximum.	Range.	Minimum.	Hygrometry. Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Wind. Prevailing direction.	Miles recorded.	Rain	Weather.
		°		Inches.	°	°	°		°	Inches	°	%			Inches.	
April	24th	150·5	10·0	29·669	88·1	96·9	15·1	81·8	80·1	0·921	76·7	70	SSW ...	393	Nil	Chiefly clear.
"	25th	155·5	8·5	·548	89·5	101·4	20·4	81·0	80·9	·941	77·4	69	SSW ...	301	"	Chiefly clear.
"	26th	155·4	7·3	·529	89·8	102·7	22·0	80·7	81·1	·948	77·6	70	SSW ...	172	"	Chiefly clear.
"	27th	153·4	6·3	·664	88·8	96·4	14·3	82·1	81·5	·979	78·6	73	SSE and S ...	203	"	Partially cloudy.
"	28th	144·3	0·6	·670	85·2	92·4	16·4	76·0	80·2	·964	78·1	80	SSW and variable	197	0·57	Chiefly cloudy, o, g, p, t, d.
"	29th	144·5	2·5	6 50	85·1	94·6	19·5	75·1	79·8	·956	77·9	79	SSE, S and variable.	253	0·37	Chiefly cloudy, o, g, p, t, ⋖.
"	30th	148·4	7·2	·573	88·8	98·1	25·7	72·4	81·0	·954	77·8	70	SSW and S ...	197	Nil	Partially cloudy, o.

	Inches.
The mean pressure of the seven days	29·615
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·723
	Hours.
The total number of hours of bright sunshine	42·4
The maximum possible number of hours of sunshine	90·0
	°
The mean temperature of the seven days	87·9
The average temperature of the corresponding period for 24 years, S.-G.'s Office	85·0
The extreme variation of temperature	30·3
The maximum temperature	102·7
	Miles.
The highest velocity of the wind in one hour	20
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	73
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	72
	Inches.
The total fall of rain from 24th to 30th April 1892	0·94
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·79
The total fall from 1st January to 30th April 1892	1·69
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	4·82

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; d, drizzling rain; p, passing temporary showers; t, thunder; ⋖, lightning.

J. H. GILLILAND,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;

Calcutta, the 2nd May 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 9th April 1892.

1	2	3			4			5			6	7							8							9	10		11		12
		POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.				Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
DISTRICTS.	NAMES OF MUNICIPALITIES.	Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan	Burdwan	18,063	16,017	34,080	4	5	*9*	6·1	7·6	*13·7*	80	14	5	13	1	...	3	*41*	21·4	7·6	27·5	1·5	...	4·6	*62·6*	91·5	28	13	80·6	42·2	191
	Raniganj	6,246	4,691	10,937	2	2	*4*	9·5	9·5	*19·0*	100	12	...	9	...	...	3	*24*	57·0	...	42·8	...	...	14·3	*114·1*	147·4	15	9	124·9	99·8	125
Bankura ...	Bankura	8,970	8,925	17,895	4	7	*11*	11·6	20·3	*32·0*	57	24	...	4	3	1	4	*36*	69·7	...	11·6	8·7	2·9	11·6	*104·6*	43·6	17	19	98·6	110·7	89
Birbhum ...	Suri	3,982	3,866	7,848	4	2	*6*	26·5	13·3	*39·8*	200	...	.	2	..	...	5	*7*	...	..	13·3	...	...	33·1	*46·4*	106·0	4	3	52·2	40·4	129
Midnapore ...	Midnapore ...	16,927	16,633	33,560	2	8	*10*	3·1	12·4	*15·5*	25	9	...	22	3	1	3	*38*	13·9	...	34·1	4·6	1·5	4·6	*58·9*	71·3	21	17	64·5	53·1	121
Hooghly, including Serampore.	Hooghly and Chinsura.	15,858	15,829	31,687	10	10	*20*	16·4	16·4	*32·8*	100	14	...	20	2	...	7	*52*	22·9	...	47·6	3·3	...	11·5	*85·3*	62·4	30	22	98·4	72·3	136
	Serampore ...	13,559	12,937	26,496	10	5	*15*	19·6	9·8	*29·4*	200	25	...	11	2	...	8	*46*	40·1	...	21·6	3·9	...	15·7	*90·3*	213·9	28	18	107·4	72·4	148
	Utterpara	3,046	2,464	5,510	1	2	*3*	9·4	18·9	*28·3*	50	...	...	...	3	...	...	*3*	...	...	...	28·3	...	...	*28·3*	94·4	1	2	17·1	42·2	40
Howrah ...	Howrah	53,153	37,660	90,813	23	26	*49*	13·2	14·9	*28·1*	88	40	...	17	13	1	10	*81*	22·9	..	9·7	7·4	·6	5·7	*46·4*	41·7	48	33	47·0	45·6	103
	Bally	7,836	6,979	14,815	6	2	*8*	21·1	7·0	*28·1*	300	3	..	3	2	...	4	*12*	10·5	...	10·5	7·0	..	14·0	*42·1*	35·1	4	8	26·5	59·6	44
24-Parganas	Cossipore-Chitpur	16,080	10,214	26,294	3	1	*4*	5·9	2·0	*7·9*	300	2	...	2	1	...	...	*5*	3·9	...	3·9	2·0	...	...	*9·9*	13·8	3	2	9·7	10·2	95
	Manicktolla ...	16,536	12,112	28,648	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·6	...	...	...	...	...
	Baranagore ...	15,920	14,[illegible]62	29,982	5	6	*11*	8·7	10·4	*19·1*	83	15	...	9	5	...	5	*34*	26·0	...	15·6	8·7	...	8·7	*59·0*	53·8	25	9	61·7	33·3	245
	South Suburban	26,400	25,258	51,658	7	2	*9*	7·0	2·0	*9·0*	350	8	...	11	1	2	2	*24*	8·0		11·1	1·0	2·0	2·0	*24·2*	29·2	16	8	31·5	16·5	190
Nadia ...	Krishnagar ...	13,263	14,214	27,477	11	5	*16*	20·8	9·5	*30·3*	220	...	...	14	..	...	1	*15*	...	...	26·5	...	...	1·9	*28·4*	36·0	8	7	31·4	25·6	122
	Banaghat	4,028	4,655	8,683	4	5	*9*	24·0	29·9	*53·9*	80	...	...	4	...	...	...	*4*	...	...	24·0	...	...	...	*24·0*	35·9	2	2	25·8	22·3	115
	Santipur	13,708	15,979	29,687	10	2	*12*	17·5	3·5	*21·0*	500	...	..	8	...	...	...	*8*	...	...	14·0	...	...	...	*14·0*	45·5	5	3	19·9	9·8	194
Jessore ...	Jessore	4,830	3,665	8,495	3	1	*4*	18·4	6·1	*24·5*	300	10	...	3	...	...	...	*13*	61·2	...	18·4	...	...	...	*79·6*	6·1	7	6	75·4	85·1	88
Murshidabad	Berhampore ...	11,657	11,948	23,605	6	5	*11*	13·2	11·0	*24·2*	120	12	1	24	2	...	6	*45*	26·4	2·2	52·9	4·4	...	13·2	*99·1*	55·1	27	18	120·4	78·3	154
	City Murshidabad	18,901	20,330	39,231	10	7	*17*	13·2	9·3	*22·5*	143	10	...	25	2	...	1	*38*	13·2	...	33·1	2·6	...	1·3	*50·4*	33·1	17	21	46·8	53·7	87
Khulna ...	Khulna	3,249	3,043	6,292	1	1	*2*	8·2	8·2	*16·5*	100	2	...	2	...	...	1	*5*	16·5	...	16·5	...	...	8·2	*41·3*	66·1	2	3	32·0	51·3	62
Dinajpur ...	Dinajpur	7,254	5,306	12,560	3	6	*9*	12·4	24·8	*37·3*	50	...	...	21	1	2	6	*30*	..	..	86·9	4·1	8·3	24·8	*124·2*	120·1	23	7	164·9	68·6	240

Rajshahi ...	Rampur Boalia ...	10,766	9,025	19,791	3	4	*7*	7·9	10·5	*18·4*	75	...	...	24	...	1	...	*25*	...	...	65·1	...	2·6	...	*65·7*	76·2	13	12	68·8	69·1	91
Rangpur ...	Rangpur ...	8,011	5,309	13,320	2	6	*8*	7·8	23·4	*31·2*	33	...	...	6	1	...	...	*7*	...	...	23·4	3·9	...	...	*27·3*	136·6	3	4	19·5	39·2	50
Bogra ...	Bogra ...	3,480	2,699	6,179	2	...	*2*	16·8	...	*16·8*	No female birth.	...	...	4	...	...	1	*5*	...	...	33·7	...	...	8·4	*42·1*	35·2	3	3	29·9	57·8	53
Pabna ...	Pabna ...	7,701	7,566	15,267	9	9	*18*	30·6	30·6	*61·3*	100	9	...	9	...	...	1	*19*	30·6	...	30·6	...	...	3·4	*64·7*	64·7	8	11	54·1	73·6	71
	Sirajganj ...	11,213	9,824	21,037	10	2	*12*	24·7	4·9	*29·6*	500	...	...	6	1	...	2	*9*	...	...	14·8	2·5	...	4·9	*22·2*	22·2	5	4	23·2	21·3	169
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	...	...	...	...	...	...	...	...	...	..	...	...	2	*2*	...	...	...	...	...	14·8	*14·8*	51·9	1	1	11·4	21·3	53
Jalpaiguri ...	Jalpaiguri ...	4,972	2,975	7,947	...	1	*1*	...	6·5	*6·5*	No male birth.	1	...	4	...	...	...	*5*	6·5	..	26·2	...	...	...	*32·7*	19·6	4	1	41·8	17·5	139
Dacca ...	Dacca ...	42,782	37,379	80,161	16	21	*37*	10·4	13·6	*24·0*	76	...	53	35	4	...	7	*99*	...	34·4	22·7	2·6	...	4·5	*64·2*	47·4	52	47	63·2	65·4	96
	Narainganj ...	7,605	4,956	12,561	28	22	*50*	115·9	91·1	*207·0*	127	5	1	12	1	..	8	*27*	20·7	4·1	49·7	4·1	...	33·1	*111·8*	18·6	13	14	85·9	146·9	60
Faridpur ...	Faridpur ...	5,663	4,600	10,263	2	2	*4*	10·1	10·1	*20·3*	100	10	...	14	...	...	...	*24*	50·7	...	70·9	...	...	...	*121·6*	70·9	14	10	128·6	113·0	113
Backergunge ...	Barisal ...	8,701	4,485	13,186	...	...	...	...	...	...	...	3	...	4	1	...	...	*8*	11·8	...	15·7	3·9	...	...	*31·5*	63·1	6	2	35·9	25·2	154
Mymensingh ...	Nasirabad ...	10,443	4,413	14,856	1	1	*2*	3·5	3·5	*7·0*	100	...	1	1	...	...	...	*2*	...	3·5	3·5	...	...	...	*7·0*	14·0	1	1	5·0	11·8	42
Chittagong ...	Chittagong ...	13,340	8,790	22,130	22	15	*37*	51·7	35·2	*86·9*	146	12	...	8	...	...	2	*22*	23·2	...	18·8	...	...	4·7	*51·7*	63·4	13	9	50·7	53·2	95
Noakhali ...	Sudharam ...	3,410	1,714	5,124	4	1	*5*	40·6	10·1	*50·7*	400	...	..	3	...	...	1	*4*	..	..	30·4	...	...	10·1	*40·6*	81·2	2	2	30·5	60·7	50
Tippera ...	Comilla ...	8,153	5,353	13,506	11	9	*20*	42·3	34·7	*77·0*	122	..	..	4	...	...	2	*6*	...	...	15·4	...	...	7·7	*23·1*	30·8	3	3	19·1	29·1	65
Patna ...	Patna City ...	78,762	81,475	160,237	22	26	*48*	7·1	8·4	*15·6*	84	6	4	59	10	2	32	*113*	1·9	1·3	19·1	3·2	·6	10·4	*36·7*	31·2	50	63	33·0	40·2	82
	Bihár ...	23,799	25,172	48,971	21	11	*32*	22·3	11·7	*34·0*	191	...	2	23	...	2	10	*37*	...	2·1	24·4	...	2·1	10·6	*39·3*	32·9	20	17	43·7	35·1	124
	Dinapore ...	25,424	26,801	52,225	4	7	*11*	4·0	6·9	*10·9*	57	...	.	11	1	.	...	*12*	...	..	10·0	1·0	...	..	*11·9*	13·0	6	6	12·3	11·6	106
Gaya ..	Gaya ...	38,290	37,831	76,121	18	13	*31*	12·3	8·9	*21·2*	139	31	3	66	4	...	10	*114*	21·2	2·0	45·1	2·7	...	6·8	*77·9*	57·4	75	39	101·9	53·6	191
Shahabad ...	Arrah ...	20,960	22,505	43,465	16	9	*25*	19·1	10·8	*29·9*	178	...	...	22	1	...	10	*33*	...	...	26·3	1·2	...	12·0	*39·5*	35·5	14	19	34·7	43·9	79
	Buxar ...	9,299	8,369	17,668	5	1	*6*	14·7	2·9	*17·7*	500	3	.	11	...	...	1	*15*	8·8	..	32·3	...	...	2·9	*44·1*	44·1	7	8	39·1	49·7	78
Muzaffarpur ...	Muzaffarpur ...	23,084	19,658	42,742	7	14	*21*	8·5	17·0	*25·5*	50	1	...	28	2	...	1	*32*	1·2	...	34·1	2·4	...	1·2	*38·9*	59·6	21	11	47·3	29·1	162
Darbhanga ...	Darbhanga ...	33,774	32,322	66,096	23	22	*45*	18·1	17·3	*35·4*	104	..	..	41	6	...	9	*56*	...	...	32·3	4·7	...	9·1	*44·1*	51·1	28	28	43·1	45·0	95
Saran ...	Chapra ...	25,116	26,554	51,670	6	9	*15*	6·0	9·1	*15·1*	66	...	...	17	3	...	7	*27*	...	...	17·1	3·0	...	7·0	*27·2*	34·2	10	17	20·7	33·3	68
Champaran ...	Motihari ...	6,328	3,979	10,307	1	2	*3*	5·0	10·1	*15·1*	50	5		8	1	...	..	*14*	25·2	..	40·4	5·0	...	...	*70·6*	40·4	7	7	57·5	91·5	63
Monghyr ...	Monghyr ...	28,154	29,366	57,520	18	25	*43*	16·3	22·6	*38·9*	72	...	.	26	4	1	16	*47*	...	...	23·5	3·6	·9	14·5	*42·5*	45·2	23	24	42·5	42·5	100
	Jamálpur ...	7,456	6,107	13,563	5	2	*7*	19·1	7·6	*26·8*	250	...	..	9	...	...	4	*13*	...	...	34·5	...	...	15·3	*49·8*	57·5	10	3	69·7	25·5	273
Bhágalpur ...	Bhagalpur ...	34,916	33,322	68,238	12	10	*22*	9·1	7·6	*16·8*	120	...	...	57	...	...	3	*60*	...	..	43·4	..	...	2·3	*45·7*	69·3	26	34	38·7	53·1	72
Purnea ...	Purnea ...	8,463	6,553	15,016	3	1	*4*	10·4	3·4	*13·9*	300	..	...	9	...	...	2	*11*	...	...	31·2	...	...	6·9	*38·1*	20·8	5	3	49·2	23·3	206
Malda ...	English Bazar ...	6,289	6,141	12,430	5	3	*8*	20·9	12·6	*33·5*	166	...	1	5	2	...	2	*10*	...	4·2	20·9	8·3	...	8·3	*41·8*	25·1	5	5	41·3	42·3	97
Sonthal Parganas.	Deoghur ...	4,964	3,041	8,005	1	3	*4*	6·5	19·5	*26·0*	33	10	..	10	1	...	...	*21*	64·9	...	64·9	6·5	...	..	*136·4*	142·9	10	11	104·8	188·1	55
Cuttack ...	Cuttack ...	22,632	20,607	43,239	8	7	*15*	9·6	8·4	*18·0*	114	5	3	5	8	...	3	*24*	6·0	3·6	6·0	9·6	...	3·6	*28·9*	30·1	15	9	34·5	22·7	152
Puri ...	Puri ...	13,247	11,537	24,784	12	3	*15*	25·2	6·3	*41·5*	400	3	.	5	5	...	11	*24*	6·3	...	10·5	10·5	...	23·1	*50·4*	60·2	16	8	62·8	36·1	174
Balasore ...	Balasore ...	10,282	9,983	20,265	9	4	*13*	23·1	10·3	*33·4*	225	15	5	2		..	8	*30*	38·5	12·8	5·1	...	...	20·5	*77·0*	46·2	20	10	101·1	52·1	194
Hazáribágh ...	Hazáribágh ...	7,639	7,667	15,306	4	7	*11*	13·6	23·8	*27·4*	57	...	...	10	1	...	1	*12*	...	...	34·0	3·4	...	3·4	*40·8*	61·2	9	3	61·3	20·3	301
Lohardaga ...	Ranchi ...	10,101	8,342	18,443	8	4	*12*	22·5	11·3	*33·8*	200	...	2	15	..	...	1	*18*	...	5·6	42·3	...	...	2·8	*50·8*	16·9	10	8	51·5	40·9	103
Singbhum ...	Chaibassa ...	3,126	2,880	6,006	...	3	*3*	...	26·0	*26·0*	No female birth.	...	...	2	...	...	...	*2*	..	...	17·3	...	...	...	*17·3*	26·0	2	...	33·3	...	No female death.
Manbhum ...	Purulia ...	5,069	4,244	9,304	1	3	*4*	5·6	16·8	*22·4*	33	3	...	4	2	...	3	*12*	16·8	...	22·4	11·1	...	16·8	*67·4*	44·7	8	4	83·2	49·0	167
	Total ...	897,450	812,770	1,710,220	448	392	*840*	13·6	11·0	*25·5*	114	322	61	817	100	13	229	*1,562*	9·8	2·5	24·8	3·0	·4	7·0	*47·5*	45·8	871	691	50·5	44·2	114

		13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
DISTRICTS.	NAMES OF MUNICIPALITIES.	DEATHS AMONG—					RATIO PER 1,000 OF POPULATION PER ANNUM.					DEATHS.										RATIO PER 1,000 OF POPULATION PER ANNUM.									
		Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	30	11	...	...	...	65·9	55·7	...	...	6	3	2	1	5	6	6	5	3	4	472·7	63·1	44·6	20·7	83·2	30·4	45·2	58·9	63·5	140·4
	Raniganj	...	19	5	...	...	...	110·7	141·3	...	...	...	5	2	1	5	4	4	1	...	2	...	264·2	91·9	57·1	317·8	85·8	96·8	41·6	...	249·4
Bankura ...	Bankura	...	36	...	...	...	...	110·3	...	...	...	1	2	6	2	8	7	5	3	1	1	109·9	54·4	138·2	57·3	263·6	110·7	98·4	85·6	47·0	52·4
Birbhum ...	Suri	...	6	1	...	...	...	53·4	26·1	...	...	4	1	...	...	...	...	1	...	1	...	1,137·9	83·3	..	...	...	...	42·6	...	89·2	...
Midnapore ...	Midnapore ...	...	32	6	...	...	...	64·2	43·2	...	...	7	5	.	2	1	9	4	3	...	7	489·9	110·5	...	34·2	16·5	63·7	37·5	41·9	...	198·9
Hooghly, including Serampore.	Hooghly and Chinsura.	...	29	23	...	...	...	59·7	104·0	...	..	19	4	3	1	4	7	6	5	3	9	647·6	93·7	54·1	21·0	62·9	35·7	54·7	62·3	60·0	125·8
	Serampore	...	44	2	...	...	...	99·7	110·9	...	...	2	4	2	5	7	2	8	6	4	6	146·5	115·2	41·4	117·1	166·7	19·3	83·7	92·5	108·6	224·3
	Utterpara	...	3	...	...	...	...	29·3	...	...	...	...	...	...	...	...	...	2	...	1	...	..	...	...	...	...	...	98·0	...	141·3	...
Howrah ...	Howrah	...	57	24	...	...	...	43·5	60·8	..	...	8	6	6	3	1	14	15	12	11	5	201·6	56·3	49·6	23·7	7·1	32·1	40·5	53·1	104·2	69·3
	Bally	...	10	2	...	...	...	38·8	79·3	...	...	...	1	2	1	..	2	3	1	1	1	..	52·1	97·6	43·8	...	31·1	55·9	26·9	49·6	71·0
24-Parganas	Cossipore-Chitpur	...	2	3	...	...	...	5·7	10·8	...	...	...	...	1	..	1	1	...	2	...	...	...	...	66·3	...	57·2	5·5	...	41·6	...	...
	Manicktola ...	...	...	...	...	...	...	...	...	..	..	..	...	...	...	...	...	.	..	.	..	...	...	...	...	...	...	.	..	...	...
	Baranagore ...	...	29	5	...	...	...	58·6	62·7	...	...	6	3	1	4	4	5	4	3	2	2	400·9	76·0	29·9	58·8	90·9	40·8	35·6	37·8	56·3	62·1
	South Suburban	...	14	10	...	...	...	23·0	26·7	...	...	3	...	2	1	2	5	7	2	1	1	117·6	...	20·5	10·9	23·6	25·6	42·1	17·6	15·7	16·0
Nadia ...	Krishnagar ...	...	11	4	...	...	...	30·7	25·1	...	...	3	1	...	1	...	2	3	...	5	.	314·5	21·1	...	18·5	...	21·6	36·4	...	123·4	...
	Ranaghat	...	4	...	...	...	...	28·4	...	...	...	1	...	...	...	...	...	...	1	1	1	251·2	...	...	...	...	...	...	51·6	71·8	91·4
	Santipur ...	...	5	3	...	...	...	12·6	17·4	...	...	2	..	..	...	2	...	1	...	3	...	123·1	...	...	...	46·7	...	12·0	...	67·9	...
Jessore ...	Jessore	...	9	4	...	...	...	103·7	54·4	...	...	1	...	2	2	2	1	3	1	...	1	268·0	...	131·1	156·4	142·1	25·8	102·0	49·5	...	113·5
Murshidabad.	Berhampore ...	1	34	10	...	...	221·3	97·3	100·2	...	...	7	3	5	6	...	4	7	5	3	5	165·5	97·9	123·0	163·0	...	46·7	82·2	75·4	83·0	162·7
	City Murshidabad	...	21	17	...	...	...	48·1	55·0	...	...	1	3	3	3	1	3	8	4	5	7	68·2	63·4	45·3	54·3	20·1	21·3	57·3	35·5	73·2	117·6
Khulna ...	Khulna	1	3	1	...	...	1,000·0	45·9	17·1	...	...	1	..	1	...	1	1	1	..	...	...	409·4	...	65·4	...	100·4	48·5	62·0	...	...	...
Dinajpur ...	Dinajpur	...	18	12	...	...	...	154·5	97·4	...	...	2	1	..	1	...	4	5	4	7	6	504·9	60·2	...	52·0	...	77·2	105·1	132·7	438·6	488·3
Rajshahi ...	Rampur Boalia ...	...	14	11	...	...	...	73·5	58·3	...	...	1	6	5	1	...	1	2	4	4	1	128·1	220·0	125·1	28·9	...	12·5	28·9	54·8	167·6	54·0
Rangpur ...	Rangpur	...	1	6	...	...	...	8·0	46·9	...	...	1	2	...	...	...	1	1	1	..	1	223·2	116·2	...	...	...	16·4	15·9	32·9	...	101·0
Bogra ...	Bogra	...	3	2	...	...	...	58·5	30·0	...	...	..	..	...	1	...	1	2	...	...	1	.	...	...	90·9	...	3	97·3	...	...	165·6

Pabna ...	Pabna	...	3	11	...	...	...	58·3	70·6	...	...	3	3	2	1	1	3	3	1	2	...	322·9	107·0	61·5	37·7	42·3	53·7	62·5	30·5	102·9	...
	Sirajganj ...	...	2	7	...	...	...	12·1	29·6	...	...	1	2	1	...	...	...	1	3	...	1	96·5	43·5	17·0	...	...	...	16·4	69·7	...	44·6
Darjeeling ...	Darjeeling ...	...	1	...	1	...	...	11·3	...	31·5	...	2	...	...	...	...	...	...	...	...	...	859·5	...	...	...	...	...	...	...	...	...
Jalpaiguri ...	Jalpaiguri ...	...	3	2	...	...	...	36·7	28·5	...	...	3	...	...	...	...	1	1	...	...	...	1,061·2	...	...	...	...	*28·7	34·5	...	...	...
Dacca ...	Dacca	1	53	45	...	...	109·5	68·4	59·5	...	...	21	23	12	9	4	11	2	6	4	7	575·3	162·2	62·9	58·9	28·5	37·3	6·9	37·2	43·9	65·3
	Narainganj ...	...	15	12	...	...	...	123·3	101·3	...	...	8	1	1	2	2	2	3	1	4	3	1,491·0	45·6	33·4	91·6	99·5	39·0	72·9	37·3	266·0	233·3
Faridpur ...	Faridpur ...	...	11	13	...	...	...	106·9	139·2	...	...	3	6	2	1	1	...	3	3	1	4	666·7	250·2	103·8	51·2	72·7	...	106·8	133·8	64·5	280·7
Backergunge...	Barisál	4	4	...	...	...	852·5	34·4	...	...	...	...	1	...	2	...	1	2	1	1	...	...	61·1	...	91·4	...	16·4	41·7	34·2	58·3	...
Mymensingh ...	Nasirabad ...	...	1	1	...	...	...	6·8	7·3	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	14·3	...	29·5	...	...
Chittagong ...	Chittagong ...	3	4	15	...	...	196·0	35·8	51·0	...	...	4	2	3	2	...	5	4	1	...	1	369·4	52·9	62·4	40·4	...	56·2	62·4	23·0	...	65·3
Noakhali ...	Sudharam ...	...	3	1	...	...	...	60·9	20·6	...	...	1	...	...	...	...	1	1	...	...	1	666·7	...	...	...	...	44·4	59·6	...	...	252·6
Tippera ...	Comilla	...	3	3	...	...	...	26·2	21·1	...	...	1	2	1	...	...	...	1	1	...	...	175·1	79·5	31·9	...	...	...	26·1	39·6	...	...
Patna ...	Patna City ...	...	90	23	...	...	...	33·3	29·2	...	...	25	15	4	4	2	10	5	9	8	31	301·6	53·4	12·4	14·4	9·3	18·0	11·2	24·9	29·4	116·7
	Bihár	...	30	7	...	...	...	46·3	23·8	...	...	10	7	...	2	1	2	1	4	3	7	350·2	62·9	...	21·7	17·4	12·3	7·4	40·4	43·1	101·2
	Dinapore	...	9	3	...	...	...	12·1	13·3	...	...	...	...	...	...	...	1	3	2	1	5	...	...	...	...	...	5·7	20·6	18·4	13·7	63·3
Gaya ...	Gaya	...	99	15	...	...	...	85·8	48·5	...	...	19	13	5	3	1	9	10	21	11	22	552·0	106·4	37·2	23·2	9·9	31·8	40·8	111·7	87·0	222·3
Shahabad ...	Arrah	...	27	6	...	...	...	45·3	25·1	...	...	12	2	1	1	2	3	1	3	3	5	484·5	23·5	10·1	11·8	33·0	19·9	8·1	33·3	50·4	90·2
	Buxar	...	15	...	...	...	...	57·6	...	...	...	...	2	1	1	...	3	1	1	1	5	...	60·4	25·3	28·3	...	48·8	17·1	24·5	47·2	240·3
Muzaffarpur ...	Muzaffarpur ...	...	23	9	...	...	...	39·8	37·5	...	...	5	8	1	...	2	2	2	6	1	5	272·3	102·9	11·6	...	34·3	12·1	14·9	62·3	16·0	106·8
Darbhanga ...	Darbhanga ...	...	38	15	...	...	...	40·8	53·3	...	...	14	10	2	1	...	4	4	5	8	8	467·6	68·3	13·3	9·4	...	15·6	18·6	34·9	94·8	130·2
Saran ...	Chapra	2	21	4	...	...	972·0	27·5	17·5	...	...	6	3	1	1	1	3	2	...	3	7	221·1	31·2	8·7	10·4	15·0	16·9	11·7	...	37·7	107·0
Champaran ...	Motihari	...	9	5	...	...	...	62·2	93·8	...	...	1	2	1	...	...	5	2	...	2	1	379·6	105·9	47·1	...	...	128·9	70·2	...	111·5	85·7
Monghyr ...	Monghyr	...	39	8	...	...	...	45·4	33·1	...	...	9	6	...	1	7	3	4	4	3	10	315·2	50·1	...	9·1	56·4	15·1	23·3	32·6	39·2	145·0
	Jamálpur ...	...	11	2	...	...	...	58·2	33·5	...	...	1	4	...	2	...	1	...	1	3	1	146·5	136·6	...	88·4	...	18·5	...	37·0	227·7	78·0
Bhágalpur ...	Bhágalpur ...	...	50	10	...	...	...	53·1	27·6	...	...	7	14	5	2	2	5	3	5	5	12	253·7	112·2	36·8	14·3	21·0	19·9	14·2	34·0	51·3	145·0
Purnea ...	Purnea	...	5	6	...	...	...	23·3	55·1	...	...	...	...	1	...	1	3	3	...	...	3	...	...	32·9	...	52·3	47·5	54·7	...	...	193·3
Malda ..	English Bazar ...	...	5	5	...	...	...	35·8	50·5	...	...	...	2	2	...	1	1	...	3	1	...	...	109·2	69·3	...	48·9	22·6	...	106·0	69·5	...
Sonthal Parganas.	Deoghur	...	20	1	...	...	...	135·0	175·1	...	...	4	2	2	...	...	3	3	1	...	6	1,600·0	181·9	147·3	...	...	82·7	97·2	55·5	...	516·8
Cuttack ...	Cuttack	..	19	5	...	..	...	29·4	33·7	...	...	7	3	1	...	1	2	2	3	3	2	354·8	41·7	10·5	...	12·9	11·9	17·0	34·4	50·6	35·3
Puri ...	Puri	...	24	...	...	...	...	50·9	...	...	...	4	2	1	1	...	2	1	3	5	5	686·5	57·9	23·2	27·7	...	19·7	12·8	46·9	116·5	144·0
Balasore ...	Balasore	...	25	5	...	...	...	77·2	84·7	...	...	1	2	2	2	4	5	6	3	...	5	99·1	55·8	40·7	54·0	121·6	63·7	106·7	70·2	...	224·5
Hazáribágh ...	Hazáribágh ...	...	11	1	...	...	...	52·0	12·6	...	...	8	...	...	...	...	2	1	...	1	...	854·2	...	...	...	...	40·0	21·4	...	49·0	...
Lohardaga ...	Ranchi	1	11	2	...	4	35·0	62·1	19·3	...	88·2	5	1	2	1	...	2	2	..	4	1	553·2	38·2	47·0	23·7	...	27·3	33·9	...	212·0	64·1
Singhbhum ...	Chaibassa	...	2	...	...	...	...	20·3	...	...	...	1	...	...	1	...	...	...	...	..	...	321·0	...	...	82·9	..	...	...	...	...	...
Manbhum ...	Purulia	2	9	1	...	...	409·4	60·0	41·7	...	...	...	1	1	1	1	...	4	3	1	...	...	58·4	47·1	58·0	62·7	...	122·7	176·7	111·1	...
	TOTAL ...	15	1,134	408	1	4	40·1	49·4	42·9	25·2	43·8	253	189	96	77	78	176	179	158	135	219	330·8	66·3	28·2	25·8	31·3	26·5	32·4	41·0	58·2	110·4

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 1st May 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.,*

Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT,—BENGAL.

IRRIGATION.

Statement showing heights over mean sea-level and low-water in the Rivers Ganges, Bhagirathi, Jalangi, and Brahmaputra, for the month of March 1892.

Date.	River Ganges.																River Bhagirathi.		River Jalangi.		River Brahmaputra.	
	Mirzapur.		Benares.		Buxar.		Dinapur.		Monghyr.		Sahibganj.		Rampur Boalea.		Goalundo.		Berhampore.		Surupganj.		Gowhatty.	
Distance. Miles.	From Allahabad ... 86		From Allahabad ... 134	From Mirzapur ... 48	From Benares 90		From Benares 177	From Buxar ... 87	From Benares 297	From Dinapur 110	From Benares 391	From Monghyr 94	From Benares 471	From Sahibganj ... 90	From Benares 591	From Rampur Boalia ... 120						
	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.
									Below zero.		Below zero.		Below zero.								Below zero.	
1st	3·83	210·05	0·29	197·09	1·25	170·30	7·40	141·63	2·12	99·73	3·17	64·83	1·04	40·96	2·08	11·02	1·83	35·57	2·37	6·67	2·60	146·16
2nd	3·83	210·05	0·29	197·09	1·25	170·30	7·35	141·58	2·17	99·68	3·25	64·75	1·08	40·92	2·25	11·19	1·79	35·53	2·50	6·80	2·60	146·16
3rd	3·83	210·05	0·29	197·09	1·17	170·22	7·25	141·48	2·19	99·66	3·25	64·75	1·12	40·88	2·25	11·19	1·79	35·53	2·58	6·88	2·60	146·16
4th	3·75	209·97	0·29	197·09	1·17	170·22	7·20	141·43	2·21	99·64	3·33	64·67	1·17	40·83	2·25	11·19	1·75	35·49	2·58	6·88	3·00	145·76
5th	3·75	209·97	0·29	197·09	1·17	170·22	7·15	141·38	2·25	99·60	3·42	64·58	1·21	40·79	2·25	11·19	1·75	35·49	2·17	6·47	3·00	145·76
6th	3·75	209·97	0·25	197·05	1·08	170·13	7·10	141·33	2·29	99·56	3·50	64·50	1·25	40·75	2·25	11·19	1·75	35·49	1·83	6·13	3·10	145·66
7th	3·67	209·89	0·17	196·97	1·08	170·13	7·10	141·33	2·31	99·54	3·50	64·50	1·29	40·71	2·00	10·94	1·72	35·46	1·83	6·13	3·20	145·56
8th	3·58	209·80	0·17	196·97	1·08	170·13	7·00	141·23	2·33	99·52	3·58	64·42	1·33	40·67	1·50	10·44	1·72	35·46	1·75	6·05	3·40	145·36
9th	3·50	209·72	0·17	196·97	1·08	170·13	6·90	141·13	2·35	99·50	3·58	64·42	1·37	40·63	1·25	10·19	1·72	35·46	1·75	6·05	3·40	145·36
10th	3·42	209·64	0·12	196·92	1·00	170·05	6·85	141·08	2·35	99·50	3·67	64·33	1·42	40·58	1·08	10·02	1·67	35·41	1·75	6·05	3·20	145·56
11th	3·42	209·64	0·08	196·88	0·92	169·97	6·80	141·03	2·37	99·48	3·67	64·33	1·48	40·52	1·08	10·02	1·67	35·41	1·75	6·05	3·25	145·51
12th	3·33	209·55	0·00	196·80	0·83	169·88	6·75	140·98	2·42	99·43	3·67	64·33	1·56	40·44	1·08	10·02	1·62	35·36	1·87	6·17	3·10	145·66
			Below zero.																			
13th	3·25	209·47	0·08	196·72	0·83	169·88	6·70	140·93	2·46	99·39	3·75	64·25	1·64	40·36	1·33	10·27	1·58	35·32	1·96	6·26	3·10	145·66
14th	3·17	209·39	0·17	196·63	0·75	169·80	6·70	140·93	2·50	99·35	3·75	64·25	1·73	40·27	1·58	10·52	1·54	35·28	2·33	6·63	3·30	145·46
15th	3·17	209·39	0·25	196·55	0·75	169·80	6·60	140·83	2·52	99·33	3·83	64·17	1·81	40·19	1·75	10·69	1·46	35·20	1·92	6·22	3·45	145·31
16th	3·17	209·39	0·42	196·38	0·67	169·72	6·55	140·78	2·54	99·31	3·83	64·17	1·89	40·11	1·83	10·77	1·37	35·11	1·83	6·13	3·60	145·16
17th	3·08	209·30	0·46	196·34	0·58	169·63	6·55	140·78	2·58	99·27	3·92	64·08	1·98	40·02	1·92	10·86	1·33	35·07	2·00	6·30	3·60	145·16
18th	3·08	209·30	0·50	196·30	0·50	169·55	6·50	140·73	2·60	99·25	4·00	64·00	2·04	39·96	2·00	10·94	1·33	35·07	2·00	6·30	3·50	145·26
19th	3·25	209·47	0·30	196·50	0·70	169·75	6·50	140·73	2·62	99·23	4·00	64·00	2·10	39·90	2·00	10·94	1·29	35·03	1·83	6·13	3·60	145·16
20th	3·17	209·39	0·50	196·30	0·42	169·17	6·50	140·73	2·67	99·18	4·08	63·92	2·17	39·83	1·92	10·86	1·25	34·99	1·83	6·13	3·55	145·21
21st	3·08	209·30	0·50	196·30	0·42	169·47	6·45	140·68	2·71	99·14	4·08	63·92	2·23	39·77	1·67	10·61	1·21	34·95	1·83	6·13	3·40	145·36
22nd	3·00	209·22	0·54	196·26	0·42	169·47	6·35	140·58	2·75	99·10	4·17	63·83	2·29	39·71	1·58	10·52	1·21	34·95	1·83	6·13	3·30	145·46
23rd	2·92	209·14	0·58	196·22	0·42	169·47	6·35	140·58	2·77	99·08	4·25	63·75	2·35	39·65	1·33	10·27	1·17	34·91	1·75	6·05	3·10	145·66
24th	2·75	208·97	0·62	196·18	0·33	169·38	6·30	140·53	2·79	99·06	4·25	63·75	2·42	39·58	1·08	10·02	1·17	34·91	1·75	6·05	2·90	145·86
25th	2·67	208·89	0·67	196·13	0·33	169·38	6·30	140·53	2·83	99·02	4·33	63·67	2·46	39·54	0·83	9·77	1·12	34·86	1·92	6·22	2·40	146·36
26th	2·50	208·72	0·75	196·05	0·33	169·38	6·40	140·63	2·85	99·00	4·42	63·58	2·50	39·50	0·83	9·77	1·12	34·86	2·33	6·63	1·60	147·16
27th	2·42	208·64	0·83	195·97	0·25	169·30	6·40	140·63	2·87	98·98	4·42	63·58	2·54	39·46	2·17	11·11	1·12	34·86	2·42	6·72	1·00	147·76
28th	2·33	208·55	0·92	195·88	0·25	169·30	6·40	140·63	2·89	98·96	4·42	63·58	2·56	39·44	2·83	11·77	1·12	34·86	2·58	6·88	1·00	147·76
29th	2·33	208·55	1·00	195·80	0·25	169·30	6·40	140·63	2·92	98·93	4·33	63·67	2·60	39·40	3·33	12·27	1·08	34·82	5·17	9·47	0·80	147·96
30th	2·25	208·47	1·12	195·68	0·17	169·22	6·30	140·53	2·94	98·91	4·25	63·75	2·64	39·36	4·00	12·94	1·08	34·82	5·42	9·72	0·10	148·66
																					Above zero.	
31st	2·17	208·39	1·25	195·55	0·08	169·13	6·25	140·48	2·94	98·91	4·25	63·75	2·67	39·33	4·33	13·27	1·08	34·82	4·67	8·97	0·50	149·26

CALCUTTA,
The 3rd May 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 30th April 1892, as compared with the corresponding week of the previous year.

Nature of Cargo.	Week ending Saturday, the 30th April 1892.			Week ending Saturday, the 2nd May 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	155	46,570	793	213	31,450	393
Jute	7	2,675	19	19	12,900	218
Firewood	38	20,070	323	58	23,550	358
Other articles	565	1,28,855	1,776	563	1,27,105	1,739
Total ...	765	1,98,170	2,911	853	1,95,005	2,738

BENGAL CENTRAL RAILWAY.

Abstract of principal commodities carried over the Bengal Central Railway during the month of February 1892, as compared with the same month of the previous year.

Staples.	1892. Up.	1892. Down.	1891. Up.	1891. Down.	Total. 1892.	Total. 1891.	Increase.	Decrease.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal	2,273	...	4,178	......	2,460*	4,432*	......	1,972
Cotton, twist and yarn— 1.—European; 2.—Indian; Cotton piece goods— 1.—European— a.—In bales and bundles; b.—In boxes; 2.—Indian— a.—In bales and bundles; b.—In boxes	359	.....	288	...	359	288	71	......
Grains— 2.—Rice ...	11	1,268	5	257	1,279	262	1,017	.....
5.—Others ...	59	136	36	93	195	129	66	.....
Hides and skins— 1.—Hides of cattle— a.—Dressed; b.—Undressed; 2.—Skins of sheep, &c.— a.—Dressed; b.—Undressed	....	24	......	42	24	42	......	18
Jute— 1.—Raw— b.—Unscrewed ...	3	29	.....	355	32	355	......	323
2.—Gunny-bags and cloth ...	15	2	6	......	17	6	11	......
Metals— 1.—Copper, unwrought; 2.—Brass, unwrought; 3.—Brass and copper, wrought; 4.—Iron; 5.—Tin; 6.—Others	83	6	63	3	89	66	23	.....
Oils— 2.—Kerosine ...	94	.....	128	...	94	128	.....	34
3.—Others ...	92	.....	72	.....	92	72	20	.....
Oil-seeds— 1.—Linseed; 2.—Rape and mustard; 3.—Til or gingelly; 4.—Niger; 5.—Castor; 6.—Poppy; 7.—Others	48	152	36	18	200	54	146	.....
Provisions— 2.—Betel-nuts ...	......	1,581	...	812	1,581	812	769	.....
3.—Others ...	164	159	169	30	323	205	118	......
Railway plant and rolling-stock ...	...	......	...	......	125†	66†	59	......
Salt ...	196	......	250	.....	196	250	......	54
Sugar— 1.—Drained; 2.—Undrained	39	1,313	34	1,214	1,352	1,248	104	......
Tobacco ...	13	27	24	13	40	37	3	.....
All other articles of merchandise— 1.—Unmanufactured; 2.—Manufactured	433	448	792	419	881	1,211	......	330
Total ...	3,862	5,445	6,081	3,262	9,619	9,663	2,687	2,731

* Includes 187 tons and 254 tons of coal during 1892 and 1891, respectively, carried for Revenue, for which no "Up" and "Down" register maintained.

† Railway plant and rolling-stock 125 tons and 66 tons for the years 1892 and 1891, respectively, for which no "Up" and "Down" register maintained.

Statement of principal commodities carried on the Bengal Central Railway during the month of February 1892.

INCREASES.

	Tons.
Rice	1,017
The chief increase is in despatches from Bongong, Khulna, and Nawapara. This is due to a rise in prices in the Calcutta market.	
Betel-nuts	769
From Bengal Central Flotilla stations exclusively *viâ* Khulna.	

DECREASES.

	Tons.
Coal	1,972
Ordinary fluctuation.	
Jute, unscrewed	323
The decrease is in despatches from Khulna, said to be due to short crop.	

P. BARCLAY,
Traffic Superintendent.

CALCUTTA, *the 27th April* 1892.

EASTERN BENGAL STATE RAILWAY.

Abstract of principal commodities carried over the Eastern Bengal State Railway during the month of February 1892, *as compared with the same month of the previous year.*

STAPLES.	1892.		1891.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1892.	1891.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal	8,017	18,084	7,909	3,836	27,280*	20,550*	6,730	......
Cotton, raw	127	429	107	745	556	852	......	296
Cotton twist and yarn—								
1.—European								
2.—Indian								
Cotton piece-goods—								
1.—European—								
a.—In bales and bundles	3,077	175	2,405	126	3,252	2,531	721	......
b.—In boxes								
2.—Indian—								
a.—In bales and bundles								
b.—In boxes								
Grains—								
4.—Rice	8,092	1,653	1,673	2,782	9,745	4,455	5,290	......
5.—Others	2,344	3,509	1,893	8,982	5,843	10,875	......	5,032
Hides and skins—								
1.—Hides of cattle—								
a.—Dressed								
b.—Undressed								
2.—Skins of sheep, &c.—	4	512	20	873	516	893	......	377
a.—Dressed								
b.—Undressed								
Jute—								
1.—Raw—								
a.—Screwed	......	1,828	......	6,551	1,828	6,551	......	4,723
b.—Unscrewed	1	2,611	49	20,574	2,612	20,623	......	18,011
2.—Gunny-bags and cloth	237	1,403	243	1,298	1,640	1,541	99	......
Metals—								
1.—Copper, unwrought								
2.—Brass, unwrought								
3.—Brass and copper, wrought	2,582	205	1,347	71	2,787	1,418	1,369	......
4.—Iron								
5.—Tin								
6.—Others								
Oils—								
2.—Kerosine	727	23	1,506	2	750	1,508	......	758
3.—Others	239	36	172	23	265	195	70	......
Oil-seeds—								
1.—Linseed								
2.—Rape and mustard								
3.—Til or gingelly								
4.—Niger	87	3,721	75	689	3,808	764	3,044	......
5.—Castor								
6.—Poppy								
7.—Others								
Provisions—								
2.—Betel-nuts	119	1,553	65	764	1,672	829	843	......
3.—Others	677	412	671	218	1,089	889	200	......
Railway plant and rolling-stock	......	......	......	......	8,957†	9,413†	...	456
Salt	2,740	15	3,391	14	2,755	3,405	......	650
Sugar—								
1.—Drained	1,169	1,727	1,310	1,318	2,896	2,628	268	......
2.—Undrained								
Tea—								
1.—Foreign	......	144	......	166	144	166	......	22
2.—Indian								
Wood—								
1.—Timber	167	135	66	70	302	136	166	......
2.—Firewood	1,052	......	1,390	......	1,052	1,390	......	338
Tobacco	47	790	62	312	837	374	463	......
All other articles of merchandise—								
1.—Unmanufactured	4,080	2,299	4,826	1,604	6,379	6,430	......	51
2.—Manufactured								
Hay, straw, and wooloo (C. & S.-E. Sections)	885	.	461	......	885	461	424	......
Total	36,450	41,264	29,841	61,018	87,850	98,877	19,687	30,714

* Includes 1,179 tons and 8,806 tons during 1892 and 1891, respectively, carried for Revenue, for which no "Up" and "Down" register maintained.

† Railway plant and rolling-stock 8,957 tons and 9,413 tons for the years 1892 and 1891, respectively, for which no "Up" and "Down" register maintained.

Statement of principal commodities carried on the Eastern Bengal State Railway during the month of February 1892.

INCREASES.

	Tons.
Coal	6,730
Partly due to provision for brick-burning.	
Rice	5,290
The chief increase is in despatches from Goalundo, Joypurhat, Nawabganj, and Sara Ghat. This is due to a rise in prices in the northern districts. Magra Hât also contributed to the increase, due to the water in the canal being too low to admit of country boats carrying the traffic.	
Seeds	3,044
Chiefly from Sirajganj, Kasba, and Araria. The demand in Calcutta was brisk.	

DECREASES.

	Tons.
Jute, unscrewed	18,011
The decrease was general at jute-booking stations, due to short crop.	
Jute, screwed	4,723
Haldibari, Daroani, Jalpaiguri, Kalir Bazar, and Mymensingh show the principal decreases, due to short crop.	

P. BARCLAY,
Traffic Superintendent.

CALCUTTA, *the* 27*th April* 1892.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 23rd April 1892, on 1,552¾ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	268,140	2,86,282 10 0	33,36,159 10	8,45,329 12 0	17,956 11 0	11,49,569 1 0	75,119	133,450¼	208,569¼
Or per mile of railway	......	184 5 11	......	544 6 6	11 9 1	740 5 6	......	......	....
For previous 15 weeks of half-year	4,309,753	48,82,114 1 0	4,26,01,056 30	1,00,75,229 10 8	2,67,573 8 9	1,52,24,917 4 5	1,179,061⅝	1,617,733⅝	2,796,795¼
Total for 16 weeks ...	4,577,893	51,68,396 11 0	4,59,37,216 0	1,09,20,559 6 8	2,85,530 3 9	1,63,74,486 5 5	1,254,180⅝	1,751,184⅞	3,005,365¼
Comparison.									
Total for corresponding week of previous year	280,120	2,94,601 5 9	30,86,067 30	7,85,549 5 0	25,625 14 11	11,05,776 9 8	71,523	114,816	186,341
Per mile of railway corresponding week of previous year ...	......	193 1 11	......	514 15 1	16 12 9	724 13 9	......	......	.. ...
Total to corresponding date of previous year	4,647,593½	56,14,118 4 9	4,46,29,259 20	1,07,42,476 4 0	3,54,898 13 5	1,67,10,988 6 8	1,238,657	1,662,654	2,901,311

PATNA-GAYA STATE RAILWAY.

Approximate Return of Traffic for week ended 23rd April 1892, on 57½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	12,544	5,814 4 0	67,153 10	4,610 5 0	50 0 0	10,504 9 0	1,485	1,149	2,634
Or per mile of railway	219	102 2 9	1,174 0	80 9 7	0 14 0	183 10 4	.....	......	.....
For previous 15 weeks of half-year	234,054	1,23,908 6 0	9,65,305 10	58,329 14 0	765 9 3	1,83,003 13 3	26,640	14,498	41,138
Total for 16 weeks ...	246,598	1,29,752 10 0	10,32,458 20	62,940 3 0	815 9 3	1,93,508 6 3	28,125	15,647	43,772
Comparison.									
Total for corresponding week of previous year	14,238	6,580 11 8	62,729 10	4,711 11 0	54 3 0	11,355 9 8	1,489	905	2,394
Per mile of railway corresponding week of previous year ...	249	115 3 3	1,096 30	82 6 0	0 15 2	198 8 5	......	......	.....
Total to corresponding date of previous year	301,991½	1,74,917 9 5	8,06,159 20	56,120 0 0	967 4 6	2,32,304 13 11	26,285	13,514	39,799

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 23rd April 1892, on 22½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	22,285	5,677 0 0	15,843 30	692 6 0	11 0 0	6,380 6 0	851	117	968
Or per mile of railway ...	......	255 2 4	......	31 1 11	0 7 11	286 12 2	.....	......	.....
For previous 15 weeks of half-year	361,956	94,119 12 0	2,82,477 30	10,068 6 9	189 0 9	1,04,377 3 6	13,746	1,639	15,385
Total for 16 weeks ...	384,241	99,796 12 0	2,98,321 20	10,760 12 9	200 0 9	1,10,757 9 6	14,597	1,756	16,353
Comparison.									
Total for corresponding week of previous year	22,354	5,677 9 5	12,888 30	427 8 0	19 8 0	6,124 9 5	864	104	968
Per mile of railway corresponding week of previous year, ...	......	255 2 9	......	19 3 5	0 14 0	275 4 2	......	......	.....
Total to corresponding date of previous year	427,340	1,15,451 11 1	2,37,037 30	8,094 10 0	178 5 6	1,23,724 10 7	15,470	1,712	17,182

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 23rd April 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	15,281	11,149 0 0	37,234 30	7,190 10 0	64 0 0	18,403 10 0	6,745	2,580½	9,325½
Or per mile of railway	......	68 13 2	......	44 6 2	0 6 4	113 9 8	......	......	......
For previous 15 weeks of half-year	216,255	1,87,604 13 0	6,93,985 10	1,29,483 9 0	959 15 9	3,18,048 5 9	92,647½	32,488½	125,136
Total for 16 weeks ...	261,536	1,98,753 13 0	7,31,220 0	1,36,074 3 0	1,023 15 9	3,36,451 15 9	99,392½	35,069	134,461½
Comparison.									
Total for corresponding week of previous year	16,544	12,308 0 3	27,406 0	6,529 1 0	−158 14 0	18,678 3 3	6,672	1,756	8,428
Per mile of railway corresponding week of previous year ...	......	75 15 7	......	40 4 10	−0 15 8	115 4 9	......	......	......
Total to corresponding date of previous year	135,979½	1,18,533 3 2	2,56,955 20	64,053 8 3	544 1 0	1,83,130 12 5	52,024	12,958	64,982

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Bihár Sections.)

Approximate Return of Traffic for week ended 16th April 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	140,699	73,550 0 0	5,20,898 0	76,820 0 0	8,620 0 0	1,58,980 0 0	28,751	29,289	58,040
Or per mile of railway	181	95 0 0	670 0	99 0 0	†1 0 0	195 0 0	......	......	......
For previous 14 weeks of half-year	2,473,323	12,29,277 0 0	80,12,067 0	11,46,953 0 0	1,91,802 0 0	25,68,032 0 0*	404,781	398,040	802,821
Total for 15 weeks ...	2,614,022	13,02,827 0 0	85,32,965 0	12,23,763 0 0	2,00,422 0 0	27,27,012 0 0	433,532	427,329	860,861
Comparison.									
Total for corresponding week of previous year	153,794	85,327 0 0	6,13,836 0	1,04,071 0 0	19,471 0 0	2,08,869 0 0	26,000	35,773	61,773
Per mile of railway corresponding period of previous year ...	198	110 0 0	790 0	134 0 0	†2 0 0	248 0 0	......	......	......
Total to corresponding date of previous year	2,940,439	17,29,237 0 0	1,06,10,495 0	19,85,813 0 0	4,01,878 0 0	41,16,928 0 0	417,414	594,788	10,12,202

* Audited up to week ending 20th February 1892.
† Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 16th April 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	23,377	8,370 0 0	45,649 0	2,790 0 0	160 0 0	11,320 0 0	3,210	2,462	5,672
Or per mile of railway	187	67 0 0	365 0	23 0 0	1 0 0	91 0 0	......	......	......
For previous 14 weeks of half-year*	428,762	1,59,612 0 0	8,31,804 0	52,010 0 0	1,209 0 0	2,12,831 0 0	50,928	30,135	81,063
Total for 15 weeks ...	452,139	1,67,982 0 0	8,77,453 0	54,800 0 0	1,369 0 0	2,24,151 0 0	54,138	32,597	86,735
Comparison.									
Total for corresponding week of previous year	26,705	8,968 0 0	80,115 0	5,010 0 0	241 0 0	14,219 0 0	3,085	2,587	5,672
Per mile of railway corresponding week of previous year ...	214	72 0 0	641 0	40 0 0	2 0 0	114 0 0	......	......	......
Total to corresponding date of previous year	484,594	2,21,346 0 0	10,49,978 0	60,860 0 0	1,125 0 0	2,83,331 0 0	54,443	34,905	89,348

* Audited up to week ending 27th February 1892.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 16th April 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.*		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	13,434	4,110 0 0	8,415 0	840 0 0	60 0 0	5,010 0 0	2,504	720	3,224
Or per mile of railway	156	48 0 0	98 0	10 0 0	......	58 0 0	......	......	......
For previous 14 weeks of half-year	255,555	83,010 0 0	1,61,943 0	15,793 0 0	2,039 0 0	1,00,842 0 0*	34,369	11,503	45,872
Total for 15 weeks ...	268,989	87,120 0 0	1,70,358 0	16,633 0 0	2,099 0 0	1,05,852 0 0	36,873	12,223	49,096
Comparison.									
Total for corresponding week of previous year	24,544	6,321 0 0	9,870 0	952 0 0	117 0 0	7,390 0 0	2,495	689	3,184
Per mile of railway corresponding period of previous year	285	74 0 0	115 0	11 0 0	1 0 0	86 0 0	......	......	......
Total to corresponding date of previous year	300,173	1,06,023 0 0	5,36,888 0	48,500 0 0	2,861 0 0	1,57,384 0 0	39,063	19,705	58,768

* Audited up to week ending 27th Februar 1892.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhut State Railway.)

Approximate Return of Traffic for the week ending 16th April 1892, on 755 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Coaching.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 755 miles open	85,230	36,160	5,25,960	85,240	13,350	1,34,750	12,735	23,467	36,202
Or per mile of railway	112·89	47·90	696·64	112·90	17·68	178·48	......	......	......
For previous 14¾ weeks of half-year (a)	1,345,134	5,99,991	49,01,554	6,85,211	1,42,005	14,27,207	173,724	245,691	419,415
Total for 15¾ weeks ...	1,430,364	6,36,151	54,27,514	7,70,451	1,55,355	15,61,957	186,459	269,158	455,617
Comparison.									
Total for corresponding week of previous year on 712 miles open	131,021	59,280	4,08,075	57,935	11,720	1,28,935	11,943	18,832	30,775
Per mile of corresponding week of previous year	184·02	83·26	573·14	81·37	16·46	181·09	......	......	......
Total to corresponding date of previous year	1,475,943	6,42,707	63,27,222	8,91,239	1,37,757	16,71,703	169,546	295,546	465,092

(a) Includes audited figures up to 6th February 1892.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs. A. P.
Approximate earnings for week ending 9th April 1892...	11,855 0 0
Corresponding period of 1891	12,221 0 0
Decrease	366 0 0
Receipts per mile for week ending 9th April 1892	232 7 3
Corresponding period of 1891	239 10 1
Decrease	7 2 10
Receipts from 1st January to 9th April 1892	1,33,693 0 0
Corresponding period of 1891	1,27,581 0 0
Increase	6,112 0 0

Printed and published by Edwin Morris Lewis at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 4th May 1892.

[REGISTERED No. 29.]

No. 19 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, MAY 11, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 7th May, 1892.

Division	No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.				
BURDWAN DIVN.	1	Burdwan May 7, '92 Kalna ... Katwa ... Raniganj ...	Nil Nil Nil Nil	Weather—very hot. Rain badly wanted. Sugarcane and *til* poor. Water running very short. Prices of common rice:— Srs. Sadar ... ... 13 to 16 per rupee. Kalna ... ... 10 to 13½ per rupee. Katwa ... ... 12¾ per rupee. Raniganj ... ... 14 per rupee.
	2	Bankura „ 7, '92	Nil	Weather—hot and cloudy at nights. Rain much wanted for agricultural operations. Cotton pods have begun to split and *khasla til* is flowering. Condition of cattle fair; fodder and water insufficient. Common rice is selling at 15 seers per rupee at Bankura and 14 seers at Vishnupur.
	3	Birbhum „ 7, '92 Rampur Hát ...	Nil Nil	Weather—very hot and rainless. Fodder and water are scarce. Cattle normal. Prices are now beginning to rise. Common rice sells at from 12 to 15 seers, but in most markets it sells from 13 to 14 seers per rupee.
	4	Midnapore „ 7, '92	Nil	There has been no rain. It is very warm. Indigo is doing well. Want of rain felt everywhere. Drinking water is difficult to get. Prices of common rice:— Srs. Sadar ... ... 13 per rupee. Contai ... ... 12 per rupee. Tamluk ... ... 12 per rupee. Ghatál ... ... 13 per rupee.
	5	Hooghly „ 7, '92 Serampore ... Jahánabad ...	Nil 1·81 0·09	Weather—hot with cool southerly breeze. Planting of early rice deferred for want of water. Fodder-supply adequate; water-supply failing. Prices of common rice:— Srs. Sadar ... ... 10 per rupee. Serampore ... ... 10 per rupee. Jahánabad ... ... 13 per rupee.
	6	Howrah „ 7, '92 Ulubaria ...	Nil 0·50	Weather—hot. Rain wanted for ploughing. Condition of cattle good. Fodder and water-supply adequate. Price of rice 10 to 12 seers per rupee.
PRESIDENCY DIVN.	7	24-Parganas „ 7, '92	Nil	Weather continues very hot. No crops on the ground. Cultivation is much retarded by the long-continued drought, and drinking water is becoming scarce in places. Cow-pox is reported from places in tháua Kulpi. Supply of fodder sufficient.
	8	Nadia „ 7, '92 Kushtia ... Meherpur ... Ranaghat ...	Nil Nil Nil 0·09	Weather—very hot. Sowing of *aus* retarded for want of rain. Coarse rice selling at 10 seers 2¼ chitaks to 13 seers 5 chitaks per rupee. Fodder is ample but water insufficient in places. Cattle-disease reported from Nadia outpost.
	9	Khulna „ 7, '92 Bágerhat ... Satkhira ...	Nil Nil 0·97	Weather—hot with high winds. More rain is wanted. Land is being tilled for *aus* and *áman*. *Boro* is being harvested. Rice selling at from 12 to 16 seers per rupee. Fodder sufficient, but want of drinking water is felt in several places.
	10	Jessore „ 7, '92 Jhenida ... Magura ... Narail ... Bangaon ...	·17 Nil Nil ·35 Nil	Weather—hot and dry. Rain badly wanted for ploughing and sowing which are in progress. No want of fodder. Drinking water insufficient. Price of rice stationary.
	11	Murshidabad „ 7, '92	0·09	Weather—very hot and sultry. *Bhadoi* crop is being sown. More rain wanted. Fodder available for cattle. Coarse rice sells at 12 seers per rupee.
CHITTAGONG DIVN.	12	Chittagong „ 7, '92	4·04	Weather—hot. Prices stationary. Condition of cattle generally good. Supply of fodder sufficient.
	13	Noakhali „ 7, '92 Fenny ...	0·04 2·94	Weather—hot and close. *Aus* is still being sown. Prospects good. Fodder and water sufficient. No cattle-disease except in Chhagalnaya. Price of common rice ranges between 13 and 13½ seers per rupee.
	14	Tippera „ 7, '92	0·37	Weather—hot with occasional storms. Sowing of *aus, áman,* and jute progressing. Chillies being gathered. Cattle-disease abat-ng. Prices stationary. Prospects much improved.
	15	Chittagong Hill Tracts. „ 6, '92	5·53	Weather—cloudy with heavy showers of rain during the first part of the week, and very hot during the latter part. Sowing in *jums* continues. The fall of rain rendered much good to the *jum* cultivation and other vegetables. Cattle-disease still prevailing. Common rice selling at 10 seers per rupee.

Division	No.	District and date of return.		Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—concld.					
DACCA DIVN.	16	**Dacca**	May 7, '92	0·41	Weather— hot and cloudy and rainy at intervals. Rains were heavy in Munshiganj subdivision. Sowing of jute and paddy going on vigorously. Recent rain has done good to the standing crops. Fodder available. Condition of cattle generally good. Common rice selling at from 12 to 15 seers per rupee.
	17	**Faridpur**	„ 7, '92	0·75	Weather—extremely hot. Prospects of crops fair, but more rain wanted. Common rice selling at 13 seers per rupee at the Sadar and also at both subdivisional head-quarters. Condition of cattle good.
	18	**Backergunge**	„ 7, '92	Nil	Weather—hot and damp. State and prospect of crops not satisfactory. Sowing of *aus* is in progress. Ordinary rice sells at from 9 to 13 seers of 80 tolahs a rupee. Fodder sufficient; good drinking water scarce.
	19	**Mymensingh**	„ 7, '92	0·86	Weather—seasonable. The prospect of standing crops continues to be good. Rice is sold at from 12 to 15 seers per rupee. The outturn of *boro* is expected to be 10 to 12 annas. Condition of cattle is good. Supply of water and fodder is sufficient.
RAJSHAHI DIVN.	20	**Dinajpur** **Thakurgaon**	„ 7, '92 ...	2·49 0·35	Weather—cool and cloudy. The rain has done immense good to the standing crops. Sowing of *bhadoi*, jute and sugarcane finished. Price of rice both at Sadar and Thakurgaon stationary. Condition of cattle good. Supply of fodder and drinking water sufficient.
	21	**Rajshahi** **Nator** **Nowgong**	„ 7, '92	0·10 Nil Nil	Weather—very hot, but seasonable. *Aus*, *áman*, *boro* rice and jute are all coming up well, where sown or transplanted. But a great deal of rain is urgently wanted, especially in the Sadar subdivision. Drinking water and fodder sufficient generally. Health of cattle good. Price of rice varies from 10 seers 8 chitaks to 15 seers.
	22	**Rangpur** **Gaibanda** **Nilphamari** **Kurigaon**	„ 7, '92	0·24 0·32 0·14 1·18	Weather—cloudy with slight rain during the week. Weeding in progress. Fine weather would be desirable now. Price of rice steady at 12 to 13 seers.
	23	**Bogra** **Sherpur** **Naukhila**	„ 7, '92	0·05 1·30 Nil	Weather—fine and hot in early part of the week. Changeable with some showers on 6th and 7th. State and prospects of crops good. More fine weather required to check the growth of weeds. Prices stationary. Common rice selling at 13½ seers per rupee.
	24	**Pabna**	„ 7, 92	0·76	Weather—cool in the morning, but hot in the afternoon. There were two heavy rainfalls during the week which have greatly benefited the standing crops. Common rice selling at 13 seers per rupee. Fodder and water-supply sufficient except at Dulai. Condition of cattle good.
	25	**Darjeeling**	„ 7, 92	0·70	Weather—fair with occasional rains. Sowing of jute and *bhadoi* going on; *bhutta*, *chota marwa* and potatoes progressing well. Some cases of cattle-disease in the hills.
	26	**Jalpaiguri**	„ 7, '92	2·13	Weather—hot and cloudy. Sowing of *bhadoi* and jute continues. Prospects improved by rain. Prices stationary. No cattle-disease or want of fodder and water.
BIHÁR.					
BHÁGALPUR DIVN.	27	**Monghyr** **Begusarai** **Jamui**	„ 7, '92	0·05 Nil Nil	Weather—hot with variable winds. Crops on the grounds doing well. Ploughing going on. Rain urgently needed for sowing. Condition of cattle good and fodder sufficient. Water scarce.
	28	**Bhágalpur** **Banka** **Madhipura** **Supaul**	„ 7, '92	0·14 Nil 0·57 0·31	Weather—hot with easterly winds. The rainfall in the north was not general. More rain is much needed everywhere. Sowings of early rice on high lands are drying up, but low land rice is still doing well. Sugarcane coming on well. Fodder sufficient. Water low. Cattle healthy except in one tháná.
	29	**Purnea** **Kishanganj** **Araria**	„ 7, '92	Nil 0·38 0·09	Weather—hot; light clouds from the east during part of the week. The crops are so far doing well. Water and fodder sufficient. Prices of common rice:— Srs. Sadar ... ... 11 to 12 } per rupee. Kishanganj ... ... 11 } Araria ... ... 12 to 13 }
	30	**Malda** **Gajol**	„ 7, '92 ...	Nil Nil	Weather continued very hot till 5th instant. It is cloudy with changeable winds since yesterday. Reaping of *boro* paddy commenced; the estimated outturn is 12 annas. Sowing of *bhadoi* rice not yet finished. Prices stationary. Supply of fodder sufficient. No cattle-disease.
	31	**Sonthal Parganas** **Deoghur** **Godda** **Jamtara** **Pakur** **Rajmahal**	„ 7, 92	Nil Nil Nil Nil Nil Nil	Weather—hot and dry. Clouds and south-easterly wind came up at headquarters yesterday. No rain. Sugarcane, the only crop on the ground, suffering from drought. Fodder and water-supply running short. *Boro* harvest in Rajmahal going on. Rain urgently wanted.

	No.	District and date of return		Rainfall at Sudder Station in inches.	Character of the weather and state and prospects of the crops.
BIHÁR—*concld.*					
Patna Division.	32	Patna	May 7, '92	Nil	Weather—hot. Winnowing of *rabi* nearly completed. *Cheena* and sugarcane being irrigated. Common rice selling at from 10 to 12 seers per rupee. No distress anywhere.
	33	Gaya Jahánabad Nawáda Aurangabad	" 7, '92	Nil Nil Nil Nil	Hot winds, westerly for the most part. Sugarcane and *cheena* millet continue to do fairly well under irrigation. Prices show a tendency to rise. Common rice sells at 11 seers per rupee. Supply of fodder and water very scanty in most parts of the district.
	34	Shahabad Buxar Bhabhua Sasarám	" 7, '92	Nil Nil Nil Nil	Light easterly winds with cool weather. Millet is being reaped with good results. The young sugarcane is coming up well. There are no other crops of importance on the ground. Prices are rising in the west of the district; elsewhere they are stationary.
	35	Darbhanga	" 7, '92	Nil	Weather—hot with east winds. Rain is very much wanted for early paddy and *mung*, and also for preparation of lands for *bhadoi* cultivation. Fodder still sufficient, but scarcity of water is felt everywhere. Prices of common rice stationary.
	36	Muzaffarpur Hajipur Sitamarhi	" 7, '92	Nil Nil 0·30	Weather—hot with variable winds, chiefly easterly. The further fall of ·03 in the northern half of Sitamarhi subdivision has been of continued benefit to the *dhan*, *mung*, and *cheena* sowings. Elsewhere rain still much wanted. Prices are fairly steady with a tendency to rise, while the pressure on relief works is not so great as was expected. Condition of cattle continues good.
	37	Saran	" 7, '92	Nil	Weather—hot and dry with cool nights. Nothing doing except irrigation of *cheena*. Rain wanted for it and for indigo. Prices of common rice :— Srs. Ch. Chapra ... ... 11 3 } per rupee. Siwán ... ... 12 4 } Gopalganj ... ... 12 8 }
	38	Champaran	" 7, '92	Nil	Weather—hot. *Dhan* seedlings are growing where sown. Fields are being prepared for *bhadoi* crops. *Dhan* and other crops could not be properly sown for want of moisture. Common rice selling at from 11 to 12 seers per rupee in the Sadar subdivision. Fodder and water sufficient.
ORISSA.					
Orissa Divn.	39	Cuttack	" 7, '92	Nil	Weather—warm and sunny. Rain much wanted for ploughing and for sugarcane and cotton crops yet on the ground. Fodder-supply scanty in places for want of rain. Common rice sells at from 11 to 16 seers per rupee.
	40	Puri	" 6, '92	Nil	Weather—seasonable. Rain wanted. *Dalua* being harvested. Miscellaneous crops good. Common rice sells at from 12 to 15 seers per rupee.
	41	Balasore	" 7, '92	Nil	Weather—hot and dry. Practically no rain for six months. Tanks are drying up everywhere, and ploughing has not yet begun. Rice sells at 14 to 15 seers per rupee.
CHOTA NAGPUR.					
South-West Frontier Agency.					
Chota Nagpur Divn.	42	Hazáribágh Giridi	May 7, '92 ...	Nil Nil	Weather—hot and oppressive. Outturn of mango crop expected at 4 to 12 annas. Common rice selling at 12 to 14 seers per rupee. Fodder and water scanty in places.
	43	Lohardaga	" 7, '92	Nil	Weather continues very hot. Cloudy but no rain. Common rice selling at 13 seers per rupee. Fodder and water insufficient.
	44	Palámau	" 6, '92	Nil	Weather—unusually hot in the early part of the week; since then cooler. Only sugarcane is on the ground. Rain is urgently wanted. Common rice is selling at from 12 to 14 seers per rupee. Prices rising. Supply of water and fodder very scanty.
	45	Singhbhum	" 7, '92	Nil	Weather—very hot; cloudy at times during the last three or four days. The mango crop will not be a good one owing to the want of moisture and to great heat. *Boro dhan* and sugarcane are doing fairly well in Dhalbhum pargana. Prices of rice stationary. Both water and fodder becoming scarce.
	46	Manbhum Gobindpur	" 7, '92 ...	Nil Nil	Weather—very hot; occasionally cloudy. Rice sells at from 11 to 16 seers per rupee. Rain urgently needed. Fodder and water-supply getting scarce.

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 10*th May*, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

Names of Marts.	Stock in hand as compiled of—												
	1st week of May 1891.	1st week of June 1891.	1st week of July 1891.	1st week of August 1891.	1st week of Sept. 1891.	1st week of Oct. 1891.	1st week of Nov. 1891.	1st week of Dec. 1891.	1st week of Jan. 1892.	1st week of Feb. 1892.	1st week of March 1892.	1st week of April 1892.	1st week of May 1892.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Baliaghatta	13,19,000	9,74,000	7,19,000	4,52,000	4,58,500	4,26,700	4,45,000	4,01,000	3,68,200	7,99,000	11,29,000	12,67,000	10,25,000
Ooltadanga	63,100	59,600	61,100	65,800	72,100	66,200	65,000	61,100	58,900	68,500	75,500	69,000	85,900
Chitpur, Golabaree, Coomertooly, Hatkhola, and Culpy Ghât.	5,17,400	4,82,400	4,68,400	4,87,200	5,06,700	5,26,000	5,04,600	4,74,300	6,29,500	6,17,700	8,41,400	8,78,400	7,83,000
Pathuriaghatta, Posta, and Jorabagan.	3,000	2,000	3,700	3,000	2,500	3,000	4,000	3,000	2,500	2,000	3,000	4,000	5,000
Tallygunge, Chitlah, Kidderpore, and Munshiganj.	1,25,200	1,14,800	1,06,900	98,900	90,450	85,750	91,200	82,100	1,23,600	1,04,500	1,55,900	1,44,500	1,41,500
21 Minor bazars (estimated) ...	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 3,129 in number (estimated).	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Boidyabatty, Nowabganj, Bhuddressur, and Chandernagore.	41,125	30,750	32,750	32,250	38,051	32,250	38,125	25,062	27,135	18,938	31,250	59,450	42,000
Total ...	25,58,825	21,53,550	18,81,850	16,29,150	16,58,301	16,29,900	16,37,925	15,36,562	16,99,835	21,00,638	27,26,050	29,12,350	25,77,400
On Railway premises on both sides of the river.	8,221 (on 3rd May 1891.)	5,928 (on 3rd June 1891.)	17,767 (on 3rd July 1891.)	10,179 (on 3rd August 1891.)	17,473 (on 3rd Sept. 1891.)	41,511 (on 3rd Oct. 1891.)	13,019 (on 3rd Nov. 1891.)	21,740 (on 3rd Dec 1891.)	66,689 (on 3rd Jan. 1892.)	44,775 (on 3rd Feb. 1892.)	41,862 (on 3rd March 1892.)	38,171 (on 3rd April 1892.)	17,133 (on 3rd May 1892.)
On boats unloaded ... By Port Commissioners' returns.	35,578 (1st to 4th May 1891.)	17,251 (1st to 3rd June 1891.)	28,097 (1st to 3rd July 1891.)	17,174 (1st to 3rd August 1891.)	57,776 (1st to 3rd Sept. 1891.)	41,755 (1st to 3rd Oct. 1891.)	33,595 (3rd to 5th Nov. 1891.)	53,688 (1st to 3rd Dec. 1891.)	84,951 (2nd to 4th Jan. 1892.)	63,215 (1st to 3rd Feb. 1892.)	53,460 (1st to 3rd March 1892.)	29,556 (1st to 3rd April 1892.)	28,662 (2nd to 4th May 1892.)
On boats unloaded ... By Canal returns.	13,099 (1st to 4th May 1891.)	25,741 (1st to 3rd June 1891.)	41,597 (1st to 3rd July 1891.)	24,697 (1st to 3rd August 1891.)	79,813 (1st to 3rd Sept. 1891.)	80,950 (1st to 3rd Oct. 1891.)	28,531 (3rd to 5th Nov. 1891.)	34,490 (1st to 3rd Dec. 1891.)	1,22,177 (2nd to 4th Jan. 1892.)	1,90,718 (1st to 3rd Feb. 1892.)	36,456 (1st to 3rd March 1892.)	38,474 (1st to 3rd April 1892.)	17,050 (2nd to 4th May 1892.)
Grand total of Stocks ...	26,15,723	22,02,470	19,69,311	16,81,200	18,13,363	17,94,116	17,13,070	16,46,480	19,73,652	23,99,346	29,17,828	30,18,551	26,40,245
Probable stock available for exportation by sea.	15¾ lakhs	11¾ lakhs	9¼ lakhs	6¼ lakhs	7¾ lakhs	7¾ lakhs	6¾ lakhs	6 lakhs	9¼ lakhs	13¾ lakhs	18¼ lakhs.	19¾ lakhs.	15¾ lakhs.

C. E. Buckland,
Secretary to the Govt. of Bengal.

Statistical Department,
The 7th May, 1892.

Meteorological Report of the Province of

Meteorological Division.	District.	Representative stations.	Station Observations.															
			Air Pressure.					Temperature.						Humidity.		Cloud.		
			Highest, 8 A.M., barometer reading of month.	Lowest, 8 A.M., barometer reading of month.	Mean, 8 A.M., for month.	Mean reduced to sea-level & to Lat. 45°.	Variation from normal mean.	Highest of month.	Lowest of month.	Mean daily maximum temperature	Mean daily minimum temperature.	Mean daily temperature.	Variation from normal mean.	Mean, 8 A.M., humidity.	Variation from normal mean.	Mean cloud amount, 8 A.M.	Variation from normal mean, 8 A.M.	Rainfall.
Orissa.	Puri	Puri	29·926	29·845	29·795	29·744	—	89·7	77·6	87·7	79·7	83·7	—	87	—	2·3	—	Nil
		Gopalpur	29·912	29·637	29·777	29·738	—·015	89·2	73·8	88·0	78·4	83·2	+2·0	86	—	0·3	—	0·15
		False Point	29·929	29·615	29·796	29·758	—·026	90·5	72·6	88·9	79·2*	84·1*	—0·2	82	—10	5·1	+2·0	Nil
	Cuttack	Cuttack	29·841	29·561	29·713	29·736	—·032	112·4	78·4	102·2	80·5	91·3	+1·2	71	—1	4·3	+3·0	0·02
	Balasore	Balasore	29·865	29·548	29·717	29·719	—·050	112·5	72·8	99·6	79·3	89·5	+3·6	73	—	2·6	—	0·04
South-West Bengal.	South-West Midnapore and South 24-Parganas.	Saugor Island	29·910	29·572	29·769	29·738	—·038	92·7	78·0	90·6	81·5	86·7	+0·8	81	—11	5·7	+1·1	0·03
	Midnapore	Midnapore	29·772	29·460	29·627	29·722	—·039	112·4	69·2	102·9	78·5	90·7	+1·5	70	—	1·7	—	1·68
	24-Parganas, Howrah, and Hooghly.	Calcutta	29·910	29·581	29·762	29·729	—·036	102·5	71·2	94·1	77·5	85·8	+0·2	78	—3	4·0	+1·7	1·65
	Burdwan	Burdwan	29·839	29·497	29·678	29·723	—·034	108·7	74·4	101·3	79·1	90·2	+2·2	70	0	3·4	+1·6	1·92
	Bankura	Bankura	29·603	29·280	29·439	29·684	—·048	110·6	71·6	103·9	79·0	91·4	?	72	—	2·7	—	0·84
	West Burdwan, Birbhum	Raniganj	29·609	29·269	29·436	29·727	—·039	111·1	70·1	103·7	77·8	90·8	+2·4	70	—	2·7	—	2·01
	Murshidabad	Berhampore	29·897	29·516	29·703	29·718	—·038	108·7	69·2	98·7	77·4	88·1	+0·8	82	—14	4·8	+2·7	2·25
	Nadia	Krishnagar	29·896	29·533	29·726	29·721	—·024	108·2	70·0	98·3	77·1	87·7	+2·3	76	—	4·2	—	4·18
	Jessore and Khulna	Jessore	29·930	29·568	29·760	29·740	—·035	102·2	69·0	95·9	75·9	85·9	—0·3	82	—5	5·9	+2·1	1·83
East Bengal.	Chittagong	Chittagong	29·920	29·640	29·776	29·810	—·003	93·2	68·1	89·6	74·3	82·0	+1·0	81	—7	6·2	+1·1	11·66
	Chittagong Hill Tracts	Demagri	Observations not received.															
	Backergunge	Barisal	29·953	29·649	29·800	29·766	—·016	96·3	68·9	91·4	76·3	83·9	+1·9	82	—	6·6	—	2·44
	Noakhali	Noakhali	29·946	29·645	29·794	29·784	—·032	92·3	66·4	88·8	74·8	81·9	+0·2	81	—	3·0	—	7·48
	Faridpur	Faridpur	29·950	29·579	29·776	29·763	—·025	94·5	68·9	91·8	74·4	83·1	—0·2	87	—	5·5	—	3·21
	Dacca	Dacca	29·949	29·612	29·791	29·761	—·025	98·6	68·2	92·9	75·5	84·2	+0·4	84	—3	7·1	+3·2	3·61
	Comila	Comilla	29·959	29·622	29·799	29·782	·021	97·3	66·8	90·7	73·9	82·3	—0·7	83	—	4·2	—	10·75
	Mymensingh	Mymensingh	29·914	29·538	29·758	29·769	—·013	93·8	66·4	88·3	73·0	80·7	—0·3	86	—	5·5	—	8·17
North Bengal.	Bogra	Bogra	29·880	29·512	29·715	29·728	—·012	100·3	66·2	92·1	72·9	82·5	—1·7	83	—	4·5	—	4·65
	Pabna	Sirajganj†	29·917	29·548	29·750	29·747	—·023	96·7	62·8	90·8	73·0	81·8	—1·5	87	—	6·8	—	7·95
	Rajshahi	Rampur Boalia	29·881	29·498	29·705	29·724	—·024	104·8	66·7	92·8	75·5	84·2	+0·2	82	—	3·4	—	3·02
	Malda	Malda	29·896	29·483	29·691	29·723	—	104·1	67·3	94·7	74·6	84·7	—	81	—	3·3	—	6·10
	Dinajpur	Dinajpur	29·854	29·450	29·681	29·731	—·049	100·6	69·2	91·6	73·4‡	82·7*	+0·2	84	—	6·2	—	2·60
	Rangpur	Rangpur	29·887	29·466	29·690	29·768	—·005	96·4	67·9	89·8	73·0	81·4	+1·6	85	—	1·8	—	5·79
	Jalpaiguri and Kuch Bihár.	Jalpaiguri	29·710	29·286	29·519	29·758	—·016	95·4	67·6	90·1	71·4	80·8	+2·9	82	—	1·5	—	3·31
	Darjeeling Hill Tracts	Darjeeling	23·093	22·787	22·953	—	—·018	67·1	46·8	60·2	50·9	55·6	+1·4	87	+16	6·0	+0·4	8·55
North Bihar.	Purnea and North Bhágalpur.	Purnea	29·870	29·448	29·664	29·743	—·007	102·3	66·7	95·2	74·3	84·7	+1·3	76	+19	3·3	+1·7	2·62
	Muzaffarpur	Muzaffarpur	29·760	29·380	29·573	29·705	—	106·7	63·8	98·2	74·3	86·3	—	70	—	1·0	—	Nil
	Darbhanga	Darbhanga	29·798	29·414	29·607	29·726	—·023	104·5	63·2	96·1	72·3	84·2	+0·1	69	+9	1·5	+0·7	0·56
	Champaran	Motihari	29·706	29·330	29·522	29·704	—·029	108·2	62·8	98·8	72·4	85·6	+3·5	63	—	2·1	—	0·16
	Saran	Chapra	29·740	29·358	29·551	29·684	—·035	110·7	67·6	101·8	75·9	88·9	+4·3	57	—	0	—	Nil
South Bihar.	Shahabad	Dehri	29·520	29·202	29·370	29·675	·054	112·3	68·5	105·7	77·0	91·4	+4·5	39	—	0·1	—	0·17
		Buxar	29·656	29·301	29·492	29·684	—·051	109·9	68·3	102·7	77·8	90·2	+4·3	49	—	0·3	—	Drops
		Arrah	29·722	29·348	29·539	29·679	—·040	111·9	68·0	103·7	77·1	90·4	+4·3	52	—	0·7	—	Nil
	Gaya	Gaya	29·526	29·169	29·343	29·666	—·073	112·6	74·2	105·5	79·9	92·7	+3·9	50	+16	0·7	—0·4	Nil
	Patna	Bankipur	29·753	29·370	29·557	29·690	—·050	109·1	70·6	100·8	76·4	88·7	+1·6	54	+9	0·5	—0·7	Nil
	South Bhágalpur and Monghyr.	Bhágalpur	29·788	29·368	29·586	29·700	—·033	108·8	69·0	97·8	74·9	86·4	+2·2	69	—	2·5	—	0·66
	Sonthal Parganas	Naya Dumka	29·443	29·084	29·257	29·700	—·034	110·2	70·3	100·5	77·6	89·1	+2·4	68	—	1·3	—	0.50
Chota Nagpur.	Hazáribagh	Hazáribagh	27·916	27·621	27·757	29·674	—·055	107·1	67·8	102·0	75·0	88·5	+3·3	45	+9	0·7	—0·7	Nil
	Lohardaga, Manbhum	Ranchi	27·783	27·529	27·649	29·677	—·044	106·0	60·4	101·6	74·3	88·0	+3·7	48	—	0·7	—	0·15
	Singbhum	Chaibassa	29·107	28·847	28·982	29·677	—·051	112·3	72·7	107·1	79·2	93·2	+3·5	57	—	0·5	—	0·24
Assam	Sibsagar	Sibsagar	29·640	29·369	29·494	29·787	—·059	93·6	64·7	84·4	68·6	76·6	+2·1	93	+3	7·0	+0·1	15·19
	Goalpara	Dhubri	29·886	29·451	29·699	29·769	—·016	94·8	67·4	86·5	72·4	79·5	0	83	+9	6·3	+3·7	3·49
	Cachar	Silchar	29·887	29·568	29·747	29·804	—·020	93·7	63·4	85·3	70·3*	77·9*	+0·4	87	+5	7·2	+1·8	24·90

* Mean of 29 days. | † Mean of 27 days.

...engal for the month of April 1892.

DISTRICT OBSERVATIONS. RAINFALL. Of month.					Since 1st April 1892.					Representative stations.	DISTRICT.	METEOROLOGICAL DIVISION.
Mean of district.	Normal mean.	Variation from mean.	Number of rainy days.	Normal mean number of rainy days.	Mean of district.	Normal mean.	Variation.	Mean number of rainy days.	Normal mean number of rainy days.			
0·02	0·98	−0·96	0·00	1·28	0·02	0·98	−0·96	0·00	1·28	Puri ... Gopalpur ... False Point ...	Puri	ORISSA.
0·05	1·06	−1·01	0·20	1·68	0·05	1·06	−1·01	0·20	1·68	Cuttack ...	Cuttack	
0·95	1·68	−0·73	0·83	2·91	0·95	1·68	−0·73	0·83	2·91	Balasore ...	Balasore	
0·48	1·72	−1·24	0·67	2·44	0·48	1·72	−1·24	0·67	2·44	Saugor Island ...	South-West Midnapore and South 24-Perganas.	SOUTH-WEST BENGAL.
1·56	1·65	−0·09	2·33	2·66	1·56	1·65	−0·09	2·33	2·66	Midnapore ...	Midnapore	
2·40	1·94	+0·46	4·30	3·02	2·40	1·94	+0·46	4·30	3·02	Calcutta ...	24-Parganas, Howrah, and Hooghly.	
2·58	2·16	+0·42	3·33	3·06	2·58	2·16	+0·42	3·33	3·06	Burdwan ...	Burdwan	
0·86	1·19	−0·33	1·50	2·12	0·86	1·19	−0·33	1·50	2·12	Bankura ...	Bankura	
1·13	1·21	−0·08	2·00	2·05	1·13	1·21	−0·08	2·00	2·05	Raniganj ...	West Burdwan and Birbhum.	
2·54	1·39	+1·15	4·00	2·43	2·54	1·39	+1·15	4·00	2·43	Berhampore ...	Murshidabad	
2·22	2·85	−0·63	3·60	3·95	22·2	2·85	−0·63	3·60	3·95	Krishnagar ...	Nadia	
2·68	3·33	−0·65	4·00	4·64	2·68	3·33	−0·65	4·00	4·64	Jessore ...	Jessore and Khulna ...	
8·14	2·93	+5·21	6·50	3·68	8·14	2·93	+5·21	6·50	3·68	Chittagong ...	Chittagong	EAST BENGAL.
7·50	3·58	+3·92	10·00	5·35	7·50	3·58	+3·92	10·00	5·35	Demagri ...	Chittagong Hill Tracts	
2·45	3·12	−0·67	3·50	4·22	2·45	3·12	−0·67	3·50	4·22	Barisal ...	Backergunge	
8·95	4·55	+4·40	9·00	4·79	8·95	4·55	+4·40	9·00	4·79	Noakhali ...	Noakhali	
3·68	3·76	−0·08	6·33	5·63	3·68	3·76	−0·08	6·33	5·63	Faridpur ...	Faridpur	
4·65	4·58	+0·07	6·50	6·41	4·65	4·58	+0·07	6·50	6·41	Dacca ...	Dacca	
11·84	4·99	+6·85	8·00	6·09	11·84	4·99	+6·85	8·00	6·09	Comilla ...	Comilla	
7·40	3·98	+3·42	8·20	5·85	7·40	3·98	+3·42	8·20	5·85	Mymensingh ...	Mymensingh	
6·25	1·82	+4·43	8·50	2·96	6·25	1·82	+4·43	8·50	2·96	Bogra ...	Bogra	NORTH BENGAL.
5·78	2·95	+2·83	7·50	4·71	5·78	2·95	+2·83	7·50	4·71	Sirajganj ...	Pabna	
3·03	1·41	+1·62	4·67	2·31	3·03	1·41	+1·62	4·67	2·31	Rampur Boalia.	Rajshahi	
3·85	0·98	+2·87	6·00	1·59	3·85	0·98	+2·87	6·00	1·59	Malda ...	Malda	
3·41	1·11	+2·30	5·20	1·96	3·41	1·11	+2·30	5·20	1·96	Dinajpur ...	Dinajpur	
5·05	3·52	+1·53	6·00	4·41	5·05	3·52	+1·53	6·00	4·41	Rangpur ...	Rangpur	
3·71	4·34	−0·63	6·60	5·93	3·71	4·34	−0·63	6·60	5·93	Jalpaiguri ...	Jalpaiguri and Kuch Bihar.	
9·64	4·86	+4·78	11·00	7·69	9·64	4·86	+4·78	11·00	7·69	Darjeeling ...	Darjeeling Hill Tracts.	
2·32	1·34	+0·98	4·00	1·87	2·32	1·34	+0·98	4·00	1·87	Purnea ...	Purnea and North Bhágalpur.	NORTH BEHAR.
0·49	0·65	−0·16	0·67	1·06	0·49	0·65	−0·16	0·67	1·06	Muzaffarpur ...	Muzaffarpur	
0·40	0·69	−0·29	1·33	1·30	0·40	0·69	−0·29	1·33	1·30	Darbhanga ...	Darbhanga	
0·14	0·77	−0·63	0·50	1·12	0·14	0·77	−0·63	0·50	1·12	Motihari ...	Champaran	
0·05	0·25	−0·20	0·33	0·66	0·05	0·25	−0·20	0·33	0·66	Chapra ...	Saran	
0·04	0·16	−0·12	0·20	0·45	0·04	0·16	−0·12	0·20	0·45	Dehri ... Buxar ... Arrah ...	Shahabad	SOUTH BIHAR.
Nil	0·25	−0·25	0·00	0·52	Nil	0·25	−0·25	0·00	0·52	Gaya ...	Gaya	
0·06	0·20	−0·14	0·25	0·62	0·06	0·20	−0·14	0·25	0·62	Bankipur ...	Patna	
0·77	0·51	+0·26	1·40	1·02	0·77	0·51	+0·26	1·40	1·02	Bhagalpur ...	South Bhágalpur and Monghyr.	
0·77	0·75	+0·02	1·83	1·55	0·77	0·75	+0·02	1·83	1·55	Naya Dumka ...	Sonthal Parganas ...	
Nil	0·28	−0·28	0·00	0·70	Nil	0·28	−0·28	0·00	0·70	Hazáribágh ...	Hazáribágh	CHOTA NAGPUR.
0·05 0·28	0·40 0·74	−0·35 −0·46	0·33 1·50	1·05 1·76	0·05 0·28	0·40 0·74	−0·35 −0·46	0·33 1·50	1·05 1·76	Ranchi ...	Lohardaga ... ... Manbhum	
0·34	0·67	−0·33	1·00	1·55	0·34	0·67	−0·33	1·00	1·55	Chaibassa ...	Singbhum	
										Sibsagar... ... Dhubri ... ... Silchar	Sibsagar ... ... Goalpara ... ... Cachar	ASSAM

Table of Rainfall recorded at stations

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ORISSA ...	Puri ...	Puri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khurda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...
		False Point ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gop ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Satpara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pipli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cuttack ...	Jagatsingpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banki ...	...	...	0·04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Cuttack ...	...	...	...	...	...	...	...	0·13	...	...	...	...	...	...	...	...	...	0·02	...	...
		Kendrapara ...	...	...	0·01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jajpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	...	...	...
		Dharmsalla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·18	...	...	...	...
		Salipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Balasore ..	Akhyapada ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·42	...	...	...
		Chandbali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhadrak ...	...	...	...	...	...	...	...	4·50	...	...	...	...	...	...	...	...	0·09	...	...	...
		Sorah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·25	...	...	...
		Balasore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...
		Jellasore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...
		Baripodah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	0·53	...	...	...	...
SOUTH-WEST BENGAL.	Midnapore ...	Contai ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·81	...	...	...	...
		Saugor Island	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...	...	...	...	...
		Tamluk ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·54	...	0·04	...	...
		Midnapore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·90	...	...	0·80	...
		Ghatál ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·64	...	0·61	...	...
		Kukrahaty ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·48	...	...	...	0·08
		Garhbeta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·25	...	...	0·50	...
	24-Parganas...	Diamond Harbour.	...	...	...	...	0·05	...	...	...	...	...	...	...	...	...	...	0·42	...	...	...	...
		Canning Town	...	...	...	...	0·01	...	0·12	...	...	...	...	...	...	...	...	0·15	...	0·02	...	...
		Alipore Jail ...	...	...	...	...	...	0·12	...	...	...	...	...	...	...	...	...	0·78	...	...	...	...
		Barrackpore...	...	...	...	...	0·11	0·26	...	...	...	...	...	...	...	...	...	0·42	...	...	0·11	...
		Dum-Dum ...	...	...	...	...	0·30	0·01	...	...	...	...	...	...	...	...	...	0·50	...	...	...	...
		Barasat ...	...	...	...	...	0·89	...	...	...	...	...	...	...	...	...	...	0·29	...	...	...	...
		Basirhat ..	...	...	...	...	...	0·58	...	...	...	...	...	...	...	...	...	0·07	...	...	2·06	...
	Howrah ...	Howrah ...	...	...	...	...	0·15	...	...	...	...	...	...	...	...	...	...	0·48	...	0·02	...	...
		Mohesreka ...	...	...	...	...	0·09	...	...	...	...	...	...	...	...	...	...	0·59	...	...	...	...
		Ulubaria ...	...	...	...	...	0·28	...	...	...	...	...	...	...	...	...	...	0·50	...	...	...	...
	Hooghly ...	Serampore ...	...	...	...	...	0·03	0·14	...	...	...	...	...	...	...	...	...	0·41	...	...	0·80	...
		Hooghly ...	...	...	...	...	1·80	0·28	...	...	...	...	...	...	...	...	...	0·35	...	...	0·08	...
		Jahánabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·43	...	...	0·53	...
	Burdwan ...	Kalna ...	...	...	...	...	0·05	...	...	...	...	...	...	...	...	...	...	0·30	...	...	1·95	...
		Burdwan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·34	...	...	...	...
		Kutwa ...	...	...	...	0·01	...	0·06	...	...	...	...	...	0·52	...	...	...	0·18	...	...	...	...
		Raniganj ...	...	...	...	...	...	...	0·76	...	...	...	...	...	...	...	...	1·13	0·05	...	...	...
		Mankur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·18	...	...	...	...
	Bankura ...	Bankura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·55	...	0·06	...	...
		Bishenpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·71	...	...	...	...
		Mallara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·72	...	...	...	...
		Khatra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·70	...	...	...	...
		Indas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·10	...	...	...	...
		Kotalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·74	...	0·14	...	...
		Anda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·21	...	...	...	0·40
		Gangajalghati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·36	...	...	...	...
		Raipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·05	...	...	...	...
		Sonamukhi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·59	...	...	...	...
	Birbhum ...	Bh. Suri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·40	...	...	...	...
		Hetampur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	...
		Rampur Hat	...	...	...	...	...	0·69	...	...	...	...	...	...	...	...	0·15	0·78	...	...	...	...
		Bolpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Murarai ...	...	...	0·45	...	...	...	...	...	...	...	...	...	...	...	...	0·80	...	...	...	...
	Nadia ...	Ranaghat ...	...	...	...	...	0·13	0·09	...	...	...	...	...	0·02	...	...	...	0·18	...	0·14	0·71	...
		Krishnagar ...	...	...	...	...	...	1·16	...	...	...	...	...	...	...	...	...	0·11	...	...	...	...
		Chuadanga ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·19
		Meherpur ...	...	...	...	...	0·10	...	...	...	...	0·08	...	...	...	...	...	...	...	...	...	...
		Kushtia ..	...	...	0·62	0·06	...	0·53	...	...	...	...	...	0·37	...	...	...	0·05	...	...	...	...
	Khulna ...	Satkhira ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·01	...	0·45	0·70	0·01
		Bágerhat ...	...	...	...	...	0·30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khulna ...	...	...	...	...	1·85	...	...	...	...	...	...	...	...	...	...	...	...	0·19	0·09	...
		Nakipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·70	...
		Rampal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·80	...	...
	Jessore ...	Narail ...	...	...	...	...	0·69	...	...	...	...	...	...	...	...	...	...	...	...	3·10	...	...
		Jessore ...	...	...	...	0·16	0·28	...	...	...	...	...	...	...	...	...	...	...	...	1·00	...	...
		Jhenidah ...	...	0·20	...	...	0·33	...	...	...	...	...	...	0·03	...	...	...	...	...	...	...	...
		Magura ...	...	0·62	...	...	...	...	...	...	...	...	...	0·16	...	...	...	...	...	0·32	...	...
		Bangaon ...	...	...	...	...	0·80	...	...	...	...	...	...	0·12	...	...	...	0·05	...	1·00	0·20	...
	Murshidabad	Kandi ...	...	...	...	0·26	...	0·06	...	...	...	...	...	...	...	...	...	0·75	...	...	...	...
		Berhampore...	...	...	...	...	...	0·07	...	...	...	...	...	0·55	...	...	...	0·73	...	...	...	...
		Lalbagh ...	...	...	...	0·02	0·30	...	...	...	...	...	...	0·44	...	...	...	0·83	...	...	...	...
		Azimganj ...	...	...	...	0·50	...	...	...	...	...	...	...	0·30	...	...	...	1·04	...	...	...	...
		Jangipur ...	...	...	...	0·30	...	...	...	...	...	...	...	...	...	...	...	1·27	...	...	...	...
		Lalgola ..	...	...	...	0·50	...	...	...	...	...	...	...	0·20	...	...	...	1·05	...	...	...	...
		Akhriganj ...	...	...	...	1·15	...	...	...	...	...	...	...	0·11	...	...	...	0·25	...	...	...	...
		Patkabari ...	...	...	...	...	0·20	0·90	...	...	...	...	...	0·37	...	...	...	0·35	...	...	...	...
EAST BENGAL	Chittagong ...	Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	0·20	...
		Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	0·44	...	1·18	2·65	...
		Kutubdia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·62	0·45	...
		Satkanya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	0·53	1·87	...
	Chittagong Hill Tracts.	Rangamati ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·18	...	...	...	0·19	1·00	1·37
		Bandarban ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	...	0·32	1·20	...

.n Bengal in April 1892.

21	22	23	24	25	26	27	28	29	30	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st April 1892 to 30th April 1892.	Average rainfall from 1st April to 30th April.	Station.	District.	Meteorological division.
...	...	...	...	...	...	...	...	...	...	Nil	0·90	Nil	0·55	Nil	Nil	0·55	Puri ..	Puri ..	ORISSA.
...	...	...	...	...	...	...	...	...	...	Nil	1·00	Nil	0·65	Nil	Nil	0·65	Khurda.		
...	...	...	...	...	...	0·07	...	...	...	Nil	1·38	0·09	0·58	0·07	0·09	0·58	Banpur.		
...	...	...	...	...	...	...	...	...	...	Nil	1·85	Nil	2·14	Nil	Nil	2·14	False Point.		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Gop.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Salpara.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Pipli.*		
...	...	...	...	...	...	...	...	...	...	Nil	1·16	Nil	0·68	Nil	Nil	0·68	Jagatsingpur ..	Cuttack	
...	...	...	...	...	...	...	...	...	...	Nil	1·00	0·04	0·39	0·04	0·04	0·39	Banki.		
...	...	...	...	...	...	...	...	...	...	1	1·95	0·15	1·38	0·13	0·15	1·38	Cuttack.		
...	...	...	...	...	...	...	...	...	...	Nil	1·63	0·01	1·06	0·01	0·01	1·06	Kendrapara		
...	...	...	...	...	...	...	...	...	...	Nil	2·68	0·07	1·81	0·07	0·07	1·81	Jajpur.		
...	...	...	...	...	...	...	...	...	...	1	?	0·18	?	0·18	0·18	?	*Dharmsala.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Salipur.*		
...	...	...	...	...	...	...	...	...	...	1	?	0·42	?	0·42	0·42	?	Akhyapada.		
...	...	...	...	...	...	...	...	...	...	Nil	1·88	Nil	1·02	Nil	Nil	1·02	Chandbali	Balasore	
...	...	...	...	...	...	...	...	...	...	1	3·21	4·50	1·93	4·50	4·50	1·93	Bhadrak.		
...	...	...	...	...	...	...	...	...	...	1	3·12	0·25	1·83	0·25	0·25	1·83	Sorah.		
...	...	...	...	...	...	...	...	...	...	Nil	3·85	0·04	2·52	0·04	0·04	2·52	Balasore.		
...	...	...	...	...	...	...	...	...	...	1	2·41	0·20	1·41	0·20	0·20	1·41	Jellasore.		
...	...	...	...	...	...	...	...	...	...	2	3·00	0·63	1·39	0·53	0·63	1·39	Baripadah		
...	...	...	...	...	...	...	...	...	...	1	2·40	0·81	1·49	0·81	0·81	1·49	Contai	Midnapore .	SOUTH-WEST BENGAL.
...	...	...	...	...	...	...	...	...	...	Nil	2·40	0·03	1·39	0·03	0·03	1·39	Saugor Island		
0·95	...	...	...	...	...	...	...	...	0·20	3	2·37	1·73	1·66	0·95	1·73	1·66	Tamluk.		
...	...	...	...	...	...	...	...	...	...	2	2·85	1·70	1·50	0·90	1·70	1·50	Midnapore.		
...	...	...	...	...	...	...	...	...	...	2	2·77	1·25	1·80	0·64	1·25	1·80	Ghatal.		
...	...	...	...	...	...	...	...	0·10	...	2	?	0·66	?	0·48	0·66	?	*Kukrahaty.*		
...	...	...	...	...	...	...	...	...	...	2	?	0·75	?	0·50	0·75	?	*Garhbeta.*		
0·06	...	...	...	...	...	...	...	0·07	...	1	2·53	0·60	2·57	0·42	0·60	2·57	Diamond Harbour.	24-Parganas.	
1·65	...	...	...	...	...	...	...	0·98	0·05	4	?	2·98	?	1·65	2·98	?	*Canning Town.*		
...	...	...	...	...	...	...	...	0·54	0·33	4	3·65	1·77	1·81	0·78	1·77	1·81	Alipore Jail.		
...	...	...	...	...	...	...	...	0·80	0·67	6	3·21	2·37	1·81	0·80	2·37	1·81	Barrackpore		
0·12	...	...	...	...	...	...	...	1·00	0·81	5	3·05	2·74	2·03	1·00	2·74	2·03	Dum-Dum.		
0·48	...	...	...	...	...	...	...	0·60	0·45	5	3·11	2·66	2·03	0·89	2·66	2·03	Barasat.		
0·04	...	...	...	...	...	...	...	...	...	3	3·21	3·35	2·10	2·06	3·35	2·10	Basirhat.		
0·03	...	...	...	...	...	...	...	0·70	0·17	4	3·10	1·53	2·12	0·70	1·53	2·12	Howrah	Howrah.	
0·14	...	...	...	...	...	...	...	0·42	0·02	3	2·71	1·28	1·47	0·59	1·28	1·47	Mohesreka		
0·07	...	...	...	...	...	...	...	0·50	...	3	?	1·35	?	0·50	1·35	?	*Ulubaria*		
0·30	...	...	...	...	...	...	...	0·97	0·84	6	3·00	3·49	2·00	0·97	3·49	2·00	Serampore ...	Hooghly.	
0·05	...	...	...	...	...	...	...	0·98	0·19	5	2·85	3·73	2·00	1·80	3·73	2·00	Hooghly.		
...	...	...	...	...	...	...	...	...	0·09	2	2·95	1·05	1·98	0·53	1·05	1·98	Jahánabad.		
0·95	...	...	...	...	...	...	0·50	0·62	...	5	2·63	4·37	2·39	1·95	4·37	2·39	Kalna ..	Burdwan	
1·58	...	...	...	...	...	...	...	...	...	2	3·05	1·92	2·29	1·58	1·92	2·29	Burdwan		
...	...	...	...	...	...	...	0·70	...	...	3	2·89	1·47	1·80	0·70	1·47	1·80	Katwa.		
...	...	...	...	...	...	...	0·07	...	...	2	2·15	2·01	1·26	1·13	2·01	1·26	Raniganj		
...	...	...	...	...	...	...	...	...	...	1	?	0·18	?	0·18	0·18	?	*Mankur.*		
0·23	...	...	...	...	...	...	...	...	...	2	2·80	0·84	1·46	0·55	0·84	1·46	Bankura .	Bankura	
0·47	...	...	...	...	...	...	...	...	...	2	2·18	1·18	1·60	0·71	1·18	1·60	Bishenpur.		
...	...	...	...	...	...	...	...	...	...	1	1·91	0·72	0·87	0·72	0·72	0·87	Maliara.		
...	...	...	...	...	...	...	...	...	...	1	1·60	0·70	0·83	0·70	0·70	0·83	Khatra.		
0·69	...	...	...	...	...	...	...	...	...	2	?	1·79	?	1·10	1·79	?	Indas.		
...	...	...	...	...	...	...	...	...	...	2	?	0·88	?	0·74	0·88	?	Kotalpur.		
...	...	...	...	...	...	...	...	...	...	2	?	1·61	?	1·21	1·61	?	Anda.		
...	...	...	...	...	...	...	...	0·10	...	2	?	0·46	?	0·36	0·46	?	Gangajalghati		
...	...	...	...	...	...	...	...	...	...	1	?	1·05	?	1·05	1·05	?	*Raipur.*		
...	...	...	...	...	...	...	...	...	...	1	?	0·59	?	0·59	0·59	?	*Sonamukhi.*		
...	...	...	...	...	...	...	...	...	0·10	2	2·00	0·50	1·03	0·40	0·50	1·03	Bh. Suri	Birbhum.	
...	...	...	...	...	...	...	0·27	...	...	1	1·80	0·32	1·06	0·27	0·32	1·06	Hetampur.		
...	...	...	...	...	...	...	0·08	...	...	3	2·25	1·70	1·47	0·78	1·70	1·47	Rampur Hat.		
...	...	...	...	...	...	...	0·09	...	...	Nil	?	0·09	?	0·09	0·09	?	*Bolpore*		
0·17	...	...	...	...	...	...	...	...	...	3	?	1·42	?	0·80	1·42	?	*Morarai*		
1·17	...	...	...	...	...	...	...	0·09	...	5	3·60	2·53	2·99	1·17	2·53	2·99	Rangahat ...	Nadia	
2·20	...	...	...	...	...	...	0·45	0·26	...	5	3·35	4·18	2·49	2·20	4·18	2·49	Krishnagar.		
0·71	...	...	...	...	...	...	0·15	...	...	3	4·30	1·05	2·83	0·71	1·05	2·83	Chuadanga.		
...	...	...	...	...	...	...	...	...	...	1	3·70	0·18	2·93	0·10	0·18	2·93	Meherpur.		
1·53	...	...	...	...	...	...	...	...	...	4	4·30	3·16	3·01	1·53	3·16	3·01	Kushtia.		
1·15	...	...	...	...	...	...	...	0·60	...	4	4·19	2·92	2·93	1·15	2·92	2·93	Satkhira	Khulna.	
...	...	...	...	...	...	0·16	...	...	...	2	4·05	0·46	3·31	0·30	0·46	3·31	Bágerhat.		
...	...	...	...	...	...	0·32	...	0·18	...	4	4·74	2·63	3·21	1·85	2·63	3·21	Khulna.		
...	...	...	...	...	...	...	...	...	...	1	?	1·70	?	1·70	1·70	?	*Nakipur.*		
...	...	...	...	...	...	...	...	...	...	1	?	0·80	?	0·80	0·80	?	*Rampal.*		
0·26	...	...	...	...	...	0·34	...	...	...	4	5·47	4·39	3·22	3·10	4·39	3·22	Narail	Jessore	
0·30	...	...	...	...	...	...	...	...	...	4	4·85	1·83	3·96	1·09	1·83	3·96	Jessore.		
2·80	...	...	...	...	...	...	0·49	...	...	4	4·58	3·85	3·38	2·80	3·85	3·38	Jhenidah.		
0·03	...	...	...	...	...	1·74	0·17	...	...	5	5·16	3·04	3·87	1·74	3·04	3·87	Magura.		
0·15	...	...	...	...	...	...	...	...	...	5	4·05	2·32	2·74	1·00	2·32	2·74	Bangaon.		
0·26	...	...	...	...	...	...	0·69	0·60	...	5	2·60	2·62	1·67	0·75	2·62	1·67	Kandi ..	Murshidabad.	
...	...	...	...	0·09	...	...	0·03	0·85	...	3	2·50	2·32	1·61	0·85	2·32	1·61	Berhampore.		
...	...	...	...	...	...	...	...	0·56	...	4	2·18	2·15	1·16	0·83	2·15	1·16	Lalbagh.		
...	...	...	...	...	...	...	...	0·50	...	4	2·38	2·34	1·38	1·04	2·34	1·38	Azimganj.		
...	0·37	...	...	...	...	...	...	0·70	...	4	2·50	2·73	1·15	1·27	2·73	1·15	Jangipur.		
...	...	...	...	...	...	...	...	1·25	...	4	2·44	3·00	1·35	1·25	3·00	1·35	Lalgola.		
0·18	...	...	...	...	...	...	...	...	...	4	?	1·69	?	1·15	1·69	?	*Akhriganj.*		
...	...	...	...	...	...	...	...	...	...	4	?	1·82	?	0·90	1·82	?	*Patkabari.*		
0·12	...	0·01	0·01	...	...	1·43	...	2·05	0·09	5	3·21	4·06	2·53	2·05	4·06	2·53	Cox's Bazar	Chittagong	EAST BENGAL.
0·03	0·05	0·15	0·18	...	0·04	1·26	...	2·20	4·05	8	4·15	12·21	3·32	4·05	12·21	3·32	Chittagong.		
...	...	...	...	...	...	1·15	...	0·72	0·50	5	?	3·44	?	1·16	3·44	?	*Kutubdia.*		
...	...	...	...	...	...	0·94	...	1·15	3·55	6	?	7·69	?	3·55	7·69	?	*Satkanya.*		
...	0·10	0·42	0·04	...	0·12	1·40	0·02	2·53	0·13	10	5·35	7·50	3·56	2·53	7·50	3·56	Rangamati ..	Chittagong Hill Tracts.	
...	...	...	...	...	...	1·82	0·95	1·50	0·50	6	?	6·35	?	1·82	0·35	?	*Bandarban* ...		

Table of Rainfall recorded at Stations

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST BENGAL —concld.	Backergunge...	Patuakhali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·65	...	...
		Pirojpur ...	...	...	...	...	0·07	...	...	...	...	...	...	...	...	...	...	...	...	0·38	...	...
		Barisal ...	...	...	...	...	0·18	...	...	...	...	...	...	...	...	...	...	...	...	0·28	...	...
		Bhola ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·68	0·18	...
		Gournaddi ...	...	...	...	...	0·15	...	...	...	...	...	...	...	...	...	...	...	...	1·02	...	...
		Bauphal ...	...	...	...	...	...	...	0·16	...	...	...	...	...	...	...	...	...	...	0·34	...	...
	Noakhali ...	Noakhali ...	...	...	...	...	...	...	0·41	...	...	...	...	...	...	0·38	...	...	0·34	0·51	3·55	...
		Fenny ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·70	...	0·52	...	2·00	1·00	1·15
		Harishpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·94	3·40	...
		Ramganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·35	1·26	...
	Faridpur ...	Madaripur ...	...	...	...	0·45	...	...	...	...	...	...	...	...	...	...	...	...	0·67	...	...	0·05
		Faridpur ...	...	0·72	...	0·05	...	...	...	...	...	...	...	0·31	0·30	...	...	...	0·20	0·05	...	0·07
		Goalundo ...	...	0·59	...	0·08	...	...	0·04	...	...	...	...	0·65	...	...	...	0·02	...	...	...	0·18
	Dacca ...	Munshiganj	...	0·02	...	...	...	0·41	...	...	...	...	...	...	...	0·12	...	...	...	1·75	0·07	...
		Dacca ...	...	0·30	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	0·33	...	...
		Narainganj	...	0·15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	0·02	...
		Manikganj	...	0·63	...	0·04	...	...	...	...	...	...	...	0·22	0·31	...	...	...	...	0·40	...	...
		Joydebpur ...	...	0·15	...	0·15	...	...	...	...	...	...	...	...	...	...	...	...	0·01	1·22	0·03	0·07
	Hill Tippera	Agartola ...	...	...	...	0·90	0·14	...	...	...	...	...	...	...	...	...	0·30	1·35	1·20	0·45	2·10	...
	Tippera ...	Comilla ...	0·04	...	...	...	...	...	...	...	...	...	...	...	...	...	1·43	...	0·05	2·06	0·09	2·43
		Chandpur ...	...	...	...	...	2·54	...	...	...	...	...	...	...	...	...	...	...	...	3·38	0·12	...
		Brahmanbaria	...	...	...	...	...	2·10	...	...	...	...	...	...	...	...	...	...	2·20	1·30	0·90	...
		Ramchandra-pur.	...	...	...	...	...	...	...	...	0·50	...	...	...	...	...	...	...	0·68	2·05	...	1·94
		Nasirnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·50	1·40	...	1·10
		Daudkandi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·12	0·03	0·09
		Kasba ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·50	1·10	1·64	0·45
		Laksham ...	...	...	...	...	0·35	...	...	...	...	...	...	...	...	...	0·50	...	...	1·40	...	...
	Mymensingh .	Kishoreganj	...	0·31	...	0·06	...	...	...	...	...	...	...	1·34	...	...	...	0·09	2·65	0·62	0·29	...
		Atia (*Tangail*)	...	0·12	...	0·15	...	...	...	...	...	1·11	...	0·08	0·41	...	...	...	2·11	0·17	0·09	...
		Mymensingh	0·01	...	1·90	...	...	...	...	...	...	...	...	0·16	...	...	...	...	0·80	1·21	0·38	0·06
		Jamálpur ...	...	...	0·32	...	...	...	...	...	...	...	...	0·13	...	...	...	0·05	...	0·39	...	...
		Netrokona ...	...	...	...	0·92	...	...	...	...	...	...	...	...	...	...	...	...	2·30	0·98	0·35	...
		Subornakhali	...	...	...	1·15	...	...	...	...	...	1·70	...	0·16	...	...	...	0·15	0·22	0·43	...	...
		Durgapur ...	...	...	...	1·50	...	...	...	...	...	...	...	...	...	...	...	0·10	0·40	1·30	0·80	...
		Sherpur Town	...	...	...	1·29	...	...	...	...	...	...	...	...	...	...	...	...	...	0·56	...	...
		Dewanganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·52	...	0·71	...	0·38	...
NORTH BENGAL.	Pabna ..	Pabna ...	...	...	0·06	0·15	...	...	...	...	...	...	...	1·01	...	...	...	1·11	...	...	...	...
		Sirajganj ...	...	...	...	1·57	...	...	...	...	...	0·53	...	0·35	...	...	...	0·15	0·43	...	0·44	0·03
	Bogra ...	Sherpur ...	...	...	...	0·51	...	...	...	...	...	1·15	...	0·27	...	...	...	0·75	1·96	0·06	0·48	...
		Nowkhilla ...	...	...	...	2·94	...	...	...	...	...	0·46	...	0·08	...	...	...	0·20	0·50	1·60	...	...
		Bogra ...	...	...	...	1·05	...	...	...	...	...	0·07	...	0·27	...	...	...	0·25	0·60	0·12	0·39	...
		Panchbibi ...	...	...	...	1·38	...	...	...	...	...	...	...	0·33	...	...	0·00	2·05	0·23	0·45	...	...
	Rajshahi ...	Boalia ...	...	...	...	1·10	0·07	...	...	...	...	...	...	0·83	...	...	...	0·81	...	...	...	...
		Nator ...	...	...	...	0·70	...	...	...	...	...	...	...	1·50	...	...	...	0·60	...	...	...	...
		Naogaon ...	...	...	...	0·13	...	...	...	...	...	...	...	0·05	...	...	...	0·90	0·05	0·48	0·20	...
		Lalpur ...	...	...	...	0·12	0·28	...	...	...	...	...	...	0·63	...	...	...	0·98	...	...	...	0·52
		Manda ...	...	...	...	...	...	...	...	...	...	...	...	0·48	...	...	0·23	0·78	0·93	0·46	...	0·85
	Malda ...	Malda ...	...	...	...	0·30	...	...	...	...	...	...	...	1·34	...	...	...	0·99	0·10	0·80	...	...
		Chanchal ...	...	...	...	0·25	...	...	...	...	...	...	...	0·21	...	...	0·16	0·50	0·23	0·22	...	...
		Gajol ...	...	...	...	...	0·06	...	...	...	...	...	...	1·42	...	...	0·06	0·95	0·15	0·43	...	...
		Sibganj ...	...	...	...	0·18	1·20	...	...	...	...	...	...	0·47	...	...	...	0·80	...	...	...	...
	Dinajpur ...	Mohadebpur	...	...	...	0·30	...	...	...	...	...	...	...	1·70	...	...	...	0·68	...	...	0·23	...
		Churamon ...	...	...	...	0·13	...	...	...	...	...	...	...	1·27	...	...	0·01	1·19	0·20	0·53	...	...
		Raiganj ...	...	...	...	...	...	...	...	...	...	...	...	0·32	...	...	...	0·90	...	...	...	...
		Dinajpur ...	...	...	0·16	0·78	...	...	...	...	...	...	...	0·04	...	...	...	0·26	0·12	0·13	...	...
		Baloorghat .	...	...	...	2·09	...	...	...	...	...	...	...	0·08	...	...	...	0·93	0·09	0·14	...	...
		Thakurgaon...	...	...	...	0·06	...	...	...	...	...	...	...	0·10	...	...	...	...	...	...	...	...
	Rangpur ...	Bhawaniganj (*Gyabanda*).	...	...	...	1·17	...	...	...	...	...	...	...	...	...	...	...	0·32	0·52	0·14	...	...
		Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·16	0·96	0·47	1·76	...	...
		Kurigram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·04	2·73	0·25	...	1·23
		Bagdogra (*Nilphamari*).	...	...	...	0·02	...	...	...	...	...	...	...	...	...	...	0·82	...	0·06	0·44	...	...
		Ulipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·50	...	1·10	...	...
	Jalpaiguri ...	Jalpaiguri ...	...	0·07	...	1·33	...	...	...	...	...	...	...	0·01	...	...	0·52	...	...	...	...	0·78
		Alipore Duar	...	1·00	...	...	...	...	...	...	0·39	...	...	...	...	...	...	1·17	...	...	...	...
		Falacotta ...	...	0·94	...	...	...	...	...	...	0·14	0·04	...	...	...	...	1·58	...	...	...	...	0·16
		Debiganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·08	...	...	0·60	...	...
		Bhagatpur (*Nagrakatta*).	...	...	...	0·16	0·17	...	0·13	...	0·34	...	...	0·01	...	1·72	1·73	0·06	0·43	...	0·16	2·73
	Kuch Bihár ...	Dinhatta ...	...	...	...	0·02	...	...	...	...	...	...	...	...	...	...	0·07	0·35	0·52	0·13	...	0·02
		Kuch Bihár ...	...	0·07	...	0·09	...	...	...	...	0·17	0·01	...	...	...	...	0·35	0·34	...	...	...	0·02
		Mekhliganj ...	...	2·46	...	0·68	...	...	...	...	0·10	...	...	...	...	...	0·42	0·08	...	0·03	...	0·31
		Mathabhanga	...	0·30	...	...	...	...	...	...	...	0·09	...	...	...	...	0·63	0·06	0·05	...	...	0·40
	Darjeeling Hill	Buxa ...	0·03	...	...	...	...	...	...	...	1·25	...	...	...	...	...	1·80	0·09	0·03	...	...	0·10
		Siliguri ...	...	0·49	...	...	...	...	...	...	0·03	...	...	0·48	...	...	0·55	0·06	...	...	0·08	1·53
		Darjeeling ...	...	...	...	0·46	...	0·93	...	...	...	0·01	...	0·47	0·17	...	0·52	0·55	0·12	0·14	0·54	0·48
		Kalimpong ...	...	...	...	...	0·36	0·16	...	...	...	...	...	0·03	...	...	1·15	0·32	...	0·39	...	0·38
		Kurseong ...	...	0·25	...	0·36	...	...	...	...	...	...	...	0·53	...	...	3·03	0·10	1·30	0·52	0·60	0·95
NORTH BIHÁR	Purnea ...	Kishanganj ...	...	...	...	0·92	...	...	...	...	1·36	...	...	0·10	...	...	0·20	...	...	0·05	...	...
		Araria ...	...	...	...	...	0·04	...	...	...	...	...	...	0·09	...	...	1·22	...	...	0·15	...	...
		Purnea ...	...	...	...	1·00	...	...	...	...	...	...	...	0·10	...	...	0·15	0·62	...	0·60	...	...
		Gondwara (*Korah*).	...	...	...	1·20	...	...	...	...	...	...	...	1·30	...	0·10	1·05	...	...	0·08	...	...
		Barsoe ...	...	...	...	0·33	...	...	...	...	...	...	...	0·20	...	...	...	1·48	...	0·90	...	...
		Forbesganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	...	...	...	...
		Kaliaganj ..	...	...	0·07	...	...	...	...	...	...	...	...	0·22	...	...	0·44	...	...	0·05	...	0·05
	North Bhágal-pur.	Madhipura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·52	1·25	...	0·05	...	...
		Supaul ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·57	0·47	...	...	...	...
		Protabganj ...	...	...	...	0·11	...	...	...	...	...	...	...	0·16	...	...	0·08	0·07	...	0·20	...	...

In Bengal in April 1892—*continued.*

21	22	23	24	25	26	27	28	29	30	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st April 1892 to 30th April 1892.	Average rainfall from 1st April to 30th April.	Station.	District.	Meteorological division.
0·15	...	...	...	...	...	0·77	...	2·50	...	4	4·06	4·07	3·04	2·50	4·07	3·04	Patuakhali ...	Backergunge.	EAST BENGAL—*concld.*
0·06	...	...	...	...	...	...	...	0·55	...	2	3·79	1·36	2·62	0·85	1·33	2·63	Pirojpur.		
...	...	...	..	...	...	0·45	...	1·27	...	4	4·65	2·48	3·24	1·27	2·48	3·24	Barisal.		
0·05	...	..	...	...	...	0·19	...	0·77	...	4	4·38	1·87	3·59	0·77	1·87	3·59	Bhola.		
0·54	...	..	..	...	...	0·25	...	2·75	...	5	?	4·71	?	2·75	4·71	?	*Gournaddi.*		
...	...	0·02	...	...	...	0·59	...	1·35	...	4	?	2·47	?	1·35	2·47	?	*Bauphal.*		
0·11	...	...	...	...	...	0·32	...	1·60	0·03	8	4·35	7·25	4·23	3·55	7·25	4·23	Noakhali ...	Noakhali.	
0·10	...	...	...	...	...	0·95	0·20	1·70	2·34	10	5·24	10·66	4·87	2·34	10·66	4·87	Fenny.		
...	...	...	...	...	...	...	..	1·54	0·40	4	?	6·37	?	3·40	6·27	?	*Harishpur.*		
0·39	...	...	...	...	...	...	.	2·41	...	4	?	4·41	?	2·41	4·41	?	*Ramganj.*		
1·81	...	...	...	...	...	0·36	..	1·57	..	5	5·37	4·41	3·62	1·57	4·41	3·62	Madaripur ..	Faridpur.	
0·46	...	...	..	...	0·10	0·28	0·10	0·69	...	9	5·70	3·23	3·74	0·72	3·23	3·74	Faridpur.		
0·48	...	...	...	...	...	1·30	0·04	...	..	5	5·83	3·38	3·93	1·30	3·38	3·93	Goalundo.		
1·27	...	...	...	...	0·15	0·07	2·78	0·35	...	7	6·65	6·09	4·82	2·78	6·09	4·82	Munshiganj ...	Dacca.	
0·30	...	...	...	...	0·12	...	2·25	0·35	...	6	6·75	3·09	4·61	2·25	3·09	4·61	Dacca.		
0·82	...	...	...	...	0·12		1·62	0·23	...	6	6·43	3·64	4·90	1·62	3·64	4·90	Narainganj.		
0·70	...	...	...	...	0·04	0·03	1·53	0·39	...	7	5·82	4·29	3·98	1·53	4·29	3·98	Manikganj		
...	...	...	...	...	0·04	0·05	3·82	0·43	0·06	6	?	6·93	?	3·82	6·93	?	*Joydebpur.*		
0·88	...	...	...	...	...	0·85	...	2·13	1·58	10	6·00	11·88	5·28	2·13	11·88	5·28	Agartola ...	Hill Tippera.	
0·37	...	...	0·03	...	...	0·71	...	1·29	0·74	8	6·47	10·44	5·20	2·06	10·44	5·20	Comilla ..	Tippera.	
1·58	...	...	...	...	...	0·06	...	5·94	...	5	5·33	13·66	4·30	5·94	13·66	4·30	Chandpur.		
1·33	...	...	...	...	...	0·77	0·56	0·55	1·65	9	6·56	11·39	5·16	2·20	11·39	5·16	Brahmanbaria.		
...	...	...	...	...	...	0·05	1·09	...	0·99	6	?	7·39	?	2·05	7·39	?	*Ramchandrapur.*		
...	...	...	...	...	...	...	1·20	1·90	3·40	6	?	11·50	?	3·40	11·50	?	*Nasirnagar.*		
...	...	..	0·04	0·16	0·03	..	0·08	0·76	0·16	4	?	2·47	?	1·12	2·47	?	*Daudkandi.*		
1·50	...	...	...	...	1·50	0·16	0·74	1·70	1·32	10	?	11·61	?	1·70	11·61	?	*Kasba.*		
...	..	...	...	...	...	0·90	...	2·10	1·50	6	?	6·75	?	2·10	6·75	?	*Laksham.*		
0·40	...	...	...	...	...	...	0·91	..	2·43	8	6·03	9·09	4·99	2·65	9·09	4·99	Kishoreganj.	Mymensingh	
...	..	..	...	..	...	0·33	1·49	0·48	0·79	10	5·09	7·33	3·51	2·11	7·33	3·51	Atia (*Tangail*).		
0·18	0·01	...	...	0·02	...	...	2·60	0·17	0·67	9	5·30	8·17	3·89	2·60	8·17	3·89	Mymensingh.		
0·79	0·28	...	...	...	...	...	0·40	...	0·36	6	4·74	2·81	3·26	0·79	2·81	3·24	Jamalpur.		
0·51	...	...	...	...	...	..	2·58	0·29	1·65	8	7·00	9·58	4·24	2·58	9·58	4·24	Netrokona.		
0·82	...	...	...	...	...	...	0·85	...	.	8	?	5·48	?	1·70	5·48	?	*Subornakhali.*		
0·90	0·10	...	...	...	...	...	1·12	...	1·30	9	?	7·72	?	1·50	7·72	?	*Durgapur*		
1·36	0·20	...	...	...	...	...	0·46	...	0·61	6	?	4·54	?	1·36	4·54	?	*Sherepur Town*		
1·82	...	...									?		?			?	*Dewanganj.*		
0·70	...	...	...	...	...	...	0·21	...	...	5	5·20	3·24	3·12	1·11	3·24	3·12	Pabna ...	Pabna ...	NORTH BENGAL
0·14	...	...	...	0·26	...	...	2·43	2·17	...	10	4·21	8·30	2·78	2·43	8·30	2·78	Sirajganj.		
1·05	...	...	...	0·27	...	...	0·17	1·30	...	10	2·57	7·96	1·47	1·96	7·96	1·47	Sherpur .	Bogra.	
0·20	...	...	...	0·14	...	...	0·40	...	.	8	3·02	6·52	1·99	2·94	6·52	1·99	Nowkhilla.		
0·10	0·05	...	...	...	...	...	0·80	0·05	.	9	3·50	4·65	2·21	1·05	4·65	2·21	Bogra.		
0·89	..	...	...	...	...	...	1·34	...	..	7	2·14	6·83	1·60	2·05	6·83	1·60	Panchbibi.		
0·02	0·18	...	...	...	...	...	...	0·27	..	5	2·56	3·28	1·42	1·10	3·28	1·42	Boalia ...	Rajshahi.	
0·42	...	..	...	...	...	...	..	...	...	4	2·79	3·22	2·17	1·50	3·22	2·17	Nator.		
...	...	...	...	...	...	...	0·78	...	...	5	1·57	2·59	0·63	0·90	2·59	0·63	*Naogaon.*		
...	...	...	...	...	...	...	...	...	...	5	?	2·53	?	0·98	2·53	?	*Lalpur.*		
...	...	...	...	...	...	...	0·50	...	...	7	?	4·23	?	0·93	4·23	?	*Manda.*		
...	...	...	...	...	...	...	...	0·09	2·48	6	1·55	6·10	0·94	2·48	6·10	0·94	Malda ...	Malda.	
...	...	...	...	...	...	..	...	..	...	6	1·62	1·57	1·01	0·51	1·57	1·01	Chanchal.		
...	...	..	...	...	...	...	0·16	1·85	..	6	?	5·08	?	1·42	5·08	?	*Gajol.*		
...	...	...	...	...	...	...	...	0·10	..	5	?	2·75	?	1·21	2·75	?	*Sibganj.*		
...	...	...	...	...	...	...	...	0·10	.	5	1·55	3·01	0·99	1·70	3·01	0·99	Mohadebpur ..	Dinajpur.	
...	...	...	...	...	...	..	...	...	...	5	1·55	3·82	0·63	1·27	3·32	0·63	Churamon.		
...	...	...	...	...	...	...	0·78	0·14	..	4	2·08	2·14	1·12	0·99	2·14	1·12	Raiganj.		
0·44	0·04	...	...	...	...	...	0·31	0·03	0·02	7	2·60	2·33	1·87	0·75	2·33	1·87	Dinajpur.		
1·68	..	...	...	...	...	...	...	1·22	..	5	2·00	6·23	0·95	2·19	6·23	0·95	Baloorghat.		
0·59	0·09	...	...	...	...	...	...	...	0·35	4	?	1·79	?	0·66	1·79	?	*Thakurgaon.*		
3·05	...	...	...	...	..	...	0·22	...	0·10	7	4·00	5·52	2·73	3·05	5·52	2·73	Bhawaniganj (*Gyabanda*).	Rangpur.	
2·03	0·14	...	...	...	...	..	0·14	...	0·13	8	4·40	5·79	3·14	2·03	5·79	3·14	Rungpur.		
...	0·72	...	...	...	...	...	0·05	...	.	5	5·29	6·02	4·79	2·73	6·02	4·79	Kurigram.		
1·21	0·22	...	...	...	...	...	...	...	0·09	4	3·93	2·86	3·43	1·21	2·86	3·43	Bagdogra. (*Nilphamari.*)		
2·72	0·28	...	...	..	...	...	0·22	...	...	5	?	4·82	?	2·72	4·82	?	*Ulipur.*		
0·18	0·12	0·01	...	...	...	0·06	...	0·37	0·07	6	5·79	3·52	4·08	1·33	3·52	4·08	Jalpaiguri ...	Jalpaiguri.	
2·32	0·50	0·60	1·59	0·34	...	...	...	...	1·74	9	?	9·65	?	2·32	9·65	?	*Alipore Duar.*		
1·98	0·32	...	...	0·05	0·09	...	...	0·18	...	7	?	5·48	?	1·98	5·48	?	*Falacotta.*		
1·30	0·26	...	...	...	...	...	...	...	...	4	?	4·24	?	2·08	4·24	?	*Debiganj.*		
1·15	0·31	3·85	1·40	0·03	1·29	0·15	...	5·00	2·38	17	?	23·20	?	5·00	23·20	?	*Bhagalpur (Nagrakatta).*		
...	0·52	...	0·09	...	...	...	...	0·03	0·17	5	5·82	1·92	4·16	0·52	1·92	4·16	Dinhatta ...	Kuch Bihar.	
0·74	1·00	...	0·11	...	...	...	·3	...	1·20	7	7·06	4·10	5·40	1·20	4·10	5·40	Kuch Bihar.		
...	0·90	...	0·05	...	...	...	...	0·12	0·15	8	4·91	5·29	3·84	2·45	5·29	3·84	Mickliganj.		
0·16	1·00	...	0·07	...	...	...	...	0·11	1·87	7	6·09	3·74	4·18	1·00	3·74	4·18	Mataohanga.		
0·26	1·05	4·35	3·50	0·07	0·50	...	0·08	1·23	1·60	11	10·15	16·54	8·73	4·35	16·54	8·73	Buxa ...	Darjeeling.	
0·21	0·34	0·02	0·24	...	...	...	...	3·46	...	8	5·57	7·40	3·18	3·46	7·40	3·18	Siliguri.		
1·10	0·60	0·05	...	...	0·05	0·12	0·81	1·06	..	15	8·05	8·39	4·40	1·16	8·39	4·40	Darjeeling.		
2·00	...	...	...	...	0·06	0·63	0·14	0·57	0·05	10	7·00	6·24	3·13	2·00	6·24	3·13	Kalimpong.		
0·92	0·52	...	...	0·11	...	0·03	...	0·51	0·13	13	?	9·36	?	3·03	9·36	?	Kurseong.		
...	0·07	...	...	...	...	...	...	0·05	0·33	5	2·44	3·08	1·87	1·36	3·08	1·87	Kishanganj ...	Purnea ...	NORTH BIHAR.
...	0·23	...	...	...	...	...	...	0·09	...	3	2·00	1·82	1·50	1·22	1·82	1·50	Araria.		
...	0·01	...	...	...	...	...	...	...	0·05	5	2·00	2·53	1·50	1·00	2·53	1·50	Purnea.		
...	...	...	...	...	..	...	...	...	...	4	?	3·73	?	1·30	3·73	?	*Gondwara (Korah).*		
...	...	...	...	...	...	...	0·03	...	...	4	?	2·94	?	1·48	2·94	?	*Barsoe.*		
...	0·56	...	...	...	...	...	...	0·24	0·02	2	?	0·89	?	0·56	0·89	?	*Forbesganj.*		
...	0·50	...	...	0·07	...	...	...	0·10	0·07	4	?	1·57	?	0·50	1·57	?	*Kaliaganj.*		
...	...	...	...	...	...	...	0·09	...	0·57	3	1·53	2·48	1·03	1·25	2·48	1·03	Madhipura ...	North Bhagalpur.	
...	0·27	...	...	...	...	...	0·08	...	0·31	4	1·39	1·70	0·84	0·57	1·70	0·84	Supaul.		
0·11	0·15	...	...	...	...	...	...	...	...	5	?	0·88	?	0·20	0·88	?	*Protabganj.*		

Table of Rainfall recorded at Stations in

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NORTH BIHAR—*concld.*	Darbhanga ...	Tajpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...	...	...
		Darbhanga ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·27	...	...	...	...
		Madhubani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bahera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·27	...	...	...	...	...
		Roshera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	0·11	...	...	...	...
	Muzaffarpur	Sitamarhi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Muzaffarpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hajipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Paru ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahua ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Siuhar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pupri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Champaran ...	Motihari ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06
		Bettiah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	...	...
		Bagaha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	...
		Burhurwa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·03	...	...
	Saran ...	Gopalganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	...	...
		Siwan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chapra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SOUTH BIHAR	Shahabad ...	Buxar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	...
		Dehri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·17	...	...	...	...
		Bhabhua ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sasaram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arrah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mohaniah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khiri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ageaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rammagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Koath ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sikroul ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bassawan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manoharpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	...
	Gaya ...	Aurungabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gaya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nawáda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jahanabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daudnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sherghati ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakri Barawan.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patna ...	Patna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dinapore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bihár ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·25	...	...	...	...
		Barh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Biokram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hilsa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Monghyr ...	Begusarai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·43	...	...	...	...
		Monghyr ...	...	...	...	0·02	...	...	...	...	...	...	...	...	...	...	...	0·46	...	...	...	...
		Jamui ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	...	...
		Gogri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sheikpura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South Bhágalpur.	Bhágalpur ...	...	...	...	0·21	...	...	...	...	...	...	...	...	...	...	...	0·45	...	...	...	...
		Banka ...	...	...	...	0·30	...	...	...	...	...	...	...	...	...	...	...	0·30	...	...	...	...
		Kolgong ...	...	...	...	0·07	...	...	...	...	...	...	...	...	...	...	...	0·79	...	...	...	...
		Bangaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·77	...	...	...	...
	Sonthal Parganas.	Rajmahal ...	...	...	...	0·65	...	...	...	...	...	...	...	...	...	...	...	0·42	0·28	...	...	...
		Godda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·55	...	...	...	...
		Pakour ...	...	...	...	0·54	0·06	...	...	...	...	...	...	...	...	...	0·02	0·45	...	...	...	...
		Naya Dumka	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·31	...	...	...	...
		Deoghur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·27	...	...	...	...
		Jamtara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·65	...	...	...	...
		Mohagama ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nanihat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CHOTA NAGPUR.	Hazáribágh ...	Pachamba (*Giridi*).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hazáribágh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Semtagurah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahudi Hills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhoomrah Hills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barhi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chatra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Karagdeha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·40	...	...	...	...
		Ramghar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lohardaga ...	Lohardaga ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ranchi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·16	...	...	...	...
		Palámau ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Silli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Balumat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hoseinabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Garwah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Singhbhum ...	Chaibassa ...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·27	0·07	...	...	...
		Chakradharpur.																				
		Ghatsila ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	...	...
		Baharagura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·84	...	...	...	...
	Manbhum ...	Purulia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·13	...	...	0·17	...
		Gobindpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·26	...	...	...	...
		Raghunathpur.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·48	...	...	...	...
		Burrabhum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhalda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	...	...	...
		Chas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pandra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·22	...	...	...	...

Bengal in April 1892—*concluded.*

21	22	23	24	25	26	27	28	29	30	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st April 1892 to 30th April 1892.	Average rainfall from 1st April to 30th April	Station.	District.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	1	0·80	0·15	0·36	0·15	0·15	0·36	Tajpur ...	Darbhanga ...	NORTH BIHÁR—*concld.*
...	...	...	...	...	...	...	...	...	0·29	2	1·37	0·56	0·69	0·29	0·56	0·69	Darbhanga.		
...	0·52	...	...	...	...	...	...	...	...	1	1·63	0·52	1·01	0·52	0·52	1·01	Madhubani.		
...	...	...	...	...	...	...	...	...	0·20	2	?	0·47	?	0·27	0·47	?	*Bahera.*		
...	...	...	...	...	...	...	...	...	...	1	?	0·16	?	0·11	0·16	?	*Roshera.*		
...	1·16	...	...	...	...	...	...	...	0·30	2	1·53	1·46	1·18	1·16	1·46	1·18	Sitamarhi ...	Muzaffarpur.	
...	...	...	...	...	...	...	...	...	...	Nil	1·05	Nil	0·58	Nil	Nil	0·58	Muzaffarpur.		
...	...	...	...	...	...	...	...	...	...	Nil	0·61	Nil	0·19	Nil	Nil	0·19	Hajipur.		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Paru.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Mahua.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Siuhar.*		
...	0·72	...	...	...	...	...	...	...	0·70	2	?	1·42	?	0·72	1·42	?	*Pupri.*		
...	0·10	...	...	...	...	...	...	...	...	1	1·35	0·16	0·78	0·10	0·16	0·78	Motihari ...	Champaran.	
...	0·08	...	...	...	...	...	...	...	...	Nil	0·89	0·12	0·75	0·08	0·12	0·75	Bettiah.		
...	0·14	...	...	...	...	...	...	...	...	1	?	0·16	?	0·14	0·16	?	*Bagaha.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	0·03	?	0·03	0·03	?	*Burhurwa.*		
...	...	...	...	...	...	...	...	...	...	1	0·60	0·15	0·20	0·15	0·15	0·20	Gopalganj ...	Saran.	
...	...	...	...	...	...	...	...	...	...	Nil	0·74	Nil	0·27	Nil	Nil	0·27	Siwán.		
...	...	...	...	...	...	...	...	...	...	Nil	0·65	Nil	0·28	Nil	Nil	0·28	Chapra.		
...	...	...	...	...	...	...	...	...	...	Nil	0·40	0·05	0·17	0·05	0·05	0·17	Buxar ...	Shahabad ...	SOUTH BIHAR.
...	...	...	...	...	...	...	...	...	...	1	0·29	0·17	0·11	0·17	0·17	0·11	Dehri.		
...	...	...	...	...	...	...	...	...	...	Nil	0·45	Nil	0·13	Nil	Nil	0·13	Bhabhua.		
...	...	...	...	...	...	...	...	...	...	Nil	0·60	Nil	0·17	Nil	Nil	0·17	Sasurám.		
...	...	...	...	...	...	...	...	...	...	Nil	0·50	Nil	0·22	Nil	Nil	0·22	Arrah.		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Mohaniah.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Khiri.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Ageaon.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Rammagar.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Koath.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Sikroul.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Bassawan.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	0·05	?	0·05	0·05	?	*Manaharpur.*		
...	...	...	...	...	...	...	...	...	...	Nil	0·53	Nil	0·23	Nil	Nil	0·23	Aurungabad ..	Gaya.	
...	...	...	...	...	...	...	...	...	...	Nil	0·60	Nil	0·31	Nil	Nil	0·31	Gaya.		
...	...	...	...	...	...	...	...	...	...	Nil	0·58	Nil	0·30	Nil	Nil	0·30	Nawáda.		
...	...	...	...	...	...	...	...	...	...	Nil	0·35	Nil	0·15	Nil	Nil	0·15	Jahanabad.		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Arwal.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Daudnagar.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Sherghati.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Rajauli.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Pakri Barawan.*		
...	...	...	...	...	...	...	...	...	...	Nil	0·65	Nil	0·23	Nil	Nil	0·23	Patna ...	Patna.	
...	...	...	...	...	...	...	...	...	...	Nil	0·35	Nil	0·23	Nil	Nil	0·23	Dinapore.		
...	...	...	...	...	...	...	...	...	...	1	0·75	0·25	0·22	0·25	0·25	0·22	Bihár.		
...	...	...	...	...	...	...	...	...	...	Nil	0·53	Nil	0·12	Nil	Nil	0·12	Barh.		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Bickram.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Hilsa.*		
...	...	...	...	...	...	...	...	...	...	1	0·95	1·43	0·36	1·43	1·43	0·36	Begusarai ...	Monghyr.	
...	...	...	...	...	...	...	...	...	...	1	0·85	0·48	0·42	0·48	0·48	0·42	Monghyr.		
...	...	...	...	...	...	...	...	...	...	1	0·70	0·50	0·47	0·50	0·50	0·47	Jamui.		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Gogri.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Sheikpura.*		
...	...	...	...	...	...	...	...	...	...	2	1·35	0·66	0·77	0·45	0·66	0·77	Bhágalpur ...	South Bhágalpur.	
...	...	...	...	...	...	...	...	...	...	2	1·25	0·80	0·54	0·50	0·80	0·54	Banka.		
...	...	...	...	...	...	...	...	...	...	1	?	0·86	?	0·79	0·86	?	*Kolgong.*		
...	...	...	...	...	...	...	...	...	...	1	?	1·77	?	1·77	1·77	?	*Bangaon.*		
...	...	...	...	...	...	...	0·24	...	...	4	1·16	1·59	1·05	0·65	1·59	1·05	Rajmahal ...	Sonthal Parganas.	
...	...	...	...	...	...	...	...	...	...	1	1·35	0·55	0·49	0·55	0·55	0·49	Godda.		
...	...	...	...	...	...	...	...	...	...	2	1·00	1·05	0·49	0·54	1·05	0·49	Pakour.		
...	...	...	...	...	...	...	0·17	...	...	2	2·44	0·50	0·99	0·31	0·50	0·99	Naya Dumka.		
...	...	...	...	...	...	...	...	...	...	1	1·60	0·27	0·88	0·27	0·27	0·88	Deoghur.		
...	...	...	...	...	...	...	...	...	...	1	1·73	0·65	0·61	0·65	0·65	0·61	Jamtara		
											?		?			?	*Mohagama.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Nanihat*		
...	...	...	...	...	...	...	...	...	...	Nil	1·42	Nil	0·64	Nil	Nil	0·64	Pachamba ... (Giridi).	Hazáribágh ...	CHOTA NAGPUR.
...	...	...	...	...	...	...	...	...	...	Nil	1·00	Nil	0·37	Nil	Nil	0·37	Hazáribagh.		
...	...	...	...	...	...	...	...	...	...	Nil	0·73	Nil	0·30	Nil	Nil	0·30	Semiagurah.		
...	...	...	...	...	...	...	...	...	...	Nil	0·36	Nil	0·10	Nil		0·10	Mahudi Hills.		
...	...	...	...	...	...	...	...	...	...	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Jhoomrah Hills		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Barhi.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Chatra.*		
...	...	...	...	...	...	...	...	...	...	1	?	0·40	?	0·40	0·40	?	*Karagdoha.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Ramghar.*		
...	...	...	...	...	...	...	...	...	...	Nil	0·71	Nil	0·26	Nil	Nil	0·26	Lohardaga ...	Lohardaga.	
...	...	...	...	...	...	...	...	...	...	1	1·75	0·16	0·64	0·16	0·16	0·64	Ranchi.		
...	...	...	...	...	...	...	...	...	...	Nil	0·68	Nil	0·29	Nil	Nil	0·29	Palámau.		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Silli.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Balumat.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Hoseinabad.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Garwah.*		
...	...	...	...	...	...	...	...	...	...	1	1·55	0·34	0·67	0·27	0·34	0·67	Chaibassa ...	Singhbhum.	
											?		?			?	*Chakradharpur.*		
...	...	...	...	...	...	...	...	...	...	1	?	0·50	?	0·50	0·50	?	*Ghatsila.*		
...	...	...	...	...	...	...	...	...	...	1	?	2·84	?	2·84	2·84	?	*Banaragura.*		
...	...	...	...	...	...	...	...	...	...	2	2·30	0·39	0·85	0·17	0·39	0·85	Purulia ...	Manbhum.	
...	...	...	...	...	...	...	...	...	...	1	1·22	0·26	0·63	0·26	0·26	0·63	Gobindpur.		
...	...	...	...	...	...	...	...	...	...	1	?	0·48	?	0·48	0·48	?	*Raghunathpur.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Barrabhum.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	0·08	?	0·08	0·08	?	*Jhalda.*		
...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Chas.*		
...	...	...	...	...	...	...	...	...	...	1	?	0·22	?	0·22	0·22	?	*Pandra.*		

SUMMARY OF THE RAINFALL AND METEOROLOGICAL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE MONTH OF APRIL 1892.

At the commencement of the month fine weather of ordinary hot season character prevailed in all districts, though the pressure distribution was a little anomalous, inasmuch as there was a very considerable excess of pressure in the north-east of the province, while the excess diminished rapidly in amount towards the west. Hence easterly and south-easterly winds prevailed generally, and the air was unusually moist. Owing apparently to an increase in the strength of the westerly winds blowing in Central and Upper India, and which began to force back the moist easterly winds blowing in Bengal, conditions began to change from the 4th, from which date local storms with rain commenced in Assam and North Bengal, and which afterwards spread towards the south-west, and fairly general but very irregular rainfall was received in all districts, except parts of Behar and Chota Nagpur and Orissa, during the first week of the month. At the end of this period pressure had fallen to almost its normal amount, while winds had become of the normal westerly character at the western stations and south-westerly in the south-west of the province, while the easterly element in North Bengal and North Bihár had become weak. A few local storms with rain again occurred in the north and centre of the province about the 12th, but the meteorological changes which took place up to this time were generally small. A steady relative increase in pressure at the eastern stations then took place, baric gradients from east to west became steeper, and what was almost a barometric depression was formed in the extreme west of the province, and winds therefore became more easterly than they had been. At this time a series of local storms with rain set in over the greater part of South-West Bengal, the whole of North Bengal, the Purnea, North Bhágalpur, and Darbhanga districts of North Bihár, the Monghyr and South Bhágalpur districts of South Bihár, the Sonthal Parganas, and a considerable part of Chota Nagpur. On the 19th the area of defective pressure in the west of the province extended, and in parts of Bihár and South-West Bengal pressure became from an eighth to a tenth of an inch below the normal, and this defective pressure continued to become more strongly marked up till the 22nd, when there was a defect of about a quarter of an inch in Bihár and North Bengal. Hence baric gradients for the whole of this time were unusually steep in Bengal and at the head of the Bay, and strong winds bringing up much moisture blew over the province from the Bay, and therefore during the whole of this period local storms with rain were numerous in East and North Bengal, while a considerable number of showers also occurred in South-West Bengal, and Orissa. From the 23rd, however, pressure began to increase rapidly, and by the 24th the feeble depression had disappeared. Again on the 25th a rapid fall of pressure gave a well-defined though shallow barometric depression over Bihár, which filled up on the 27th and 28th, while again on the 30th a very rapid fall of pressure took place, particularly in the north-east of the province, where a defect of about a fifth of an inch below the normal was recorded. Hence during the existence of these shallow low-pressure areas strong moist southerly winds were drawn in from the Bay, and a good many local storms with rain occurred, principally in East and North Bengal, up till quite the close of the month.

The principal features in the meteorology of April therefore have been the well-marked tendency to the formation of low-pressure areas or feeble barometric depressions over Bengal, and particularly over the north of the province, which has been accompanied by unusually large oscillations of pressure. With this distribution of pressure the southerly winds blowing from the Bay over Bengal have been exceptionally strong,—far stronger indeed than the winds which are experienced in the south-west monsoon. These strong southerly winds have brought up large quantities of moisture to the province, and have hence facilitated the formation of very numerous local storms or nor'-westers with rain, and thus the rainfall for the month has been rather largely in excess of the normal in East and North Bengal, the excess equalling from more than sixty to about eighty per cent. The rainfall has also been about normal in amount in South-West Bengal and in North and South Bihár; but, on the other hand, it has been very considerably in defect in Orissa and Chota Nagpur.

Pressure.—The mean pressure for the whole month has been very distinctly in defect of the normal. This defect generally ranges from about 0·02" to 0·03" in the south of the province to about 0·05" to 0·06" at the northern stations, the mean defect at such stations as Sibsagar and Gaya being about 0·06" and upwards. In Assam the general defect equals 0·035", which is a little higher than the general defect for Bengal.

Temperature.—The variations of temperature during the month have been rather large. During the first week or ten days the mean temperature of the province was about 2·3° in excess of the normal. During the week ending the 16th of April the excess had fallen to 1·6°, while in the week ending the 23rd the general temperature of the whole province was practically normal, though defects were registered in East and North Bengal and North Bihár, and excess temperatures in Orissa and Chota Nagpur. Finally, during the last week of the month temperature rose very considerably, and became about 3·4° in excess of the normal. Thus the mean temperature of the province for the month has been no less than 1·8° in excess of the normal for the period, but the highest excess has been recorded in South Bihár and Chota Nagpur, where it is from three to three-and-a-half degrees. In Assam the small excess of 0·8° only has been recorded.

The highest temperatures recorded in each of the divisions during the month have been—in Orissa 112·5° at Balasore and 112·4° at Cuttack; in South-West Bengal 112·4° at Midnapore; in East Bengal 98·6° at Dacca; in North Bengal 104·8° at Rampur Baolia and 104·1° at Malda; in North Bihár 110·7° at Chupra; in South Bihár 112·6° at Gaya; in Chota Nagpur 102·3° at Chaibassa, and in Assam 94·8° at Dhubri.

Rainfall.—The falls in East Bengal have averaged more than six and-a-half inches, or two and-a-half inches in excess of the normal, and in North Bengal nearly four and-a-half inches, or about two inches more than usual. South-West Bengal has averaged two inches, North Bihár about an inch, and South Bihár about four-tenths,—in all cases nearly normal amounts. Orissa, however, has only received an average fall of five-tenths, or about one-third of the usual fall, and Chota Nagpur only a tenth of an inch, or less than a quarter of the average amount for April.

Taking up these divisions rather more in detail, in East and North Bengal all the districts have received fairly abundant rainfall; in South-West Bengal Murshidabad, Burdwan, 24-Parganas, Howrah, Hooghly, Nadia, Jessore, and Khulna have received good rain, Midnapore, Birbhum, and West Burdwan moderate rain, and Bankura, South-West Midnapore, and South 24-Parganas light rain only. In North Behar rainfall has been mainly confined to the Purnea and North Bhágalpur districts, and in South Bihár to the South Bhágalpur, Monghyr, and Sonthal Parganas districts. In Chota Nagpur only Manbhum and Singhbhum have received light rain.

In Assam there has been very heavy rain during the month, for Silchar has received 24·90 inches, and Sibsagar 15·19 inches, while Dhubri only reports 3·49 inches.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the month of April 1892:—

Meteorological Divisions.	Temperature.						Rainfall.							
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of month above or below normal mean of month.	Of month.			Rainy days.			Since 1st April 1892.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
Orissa	112·5	72·6	93·3	70·4	86·4	+1·7	0·40	1·29	—0·89	0·40	2·07	—1·67	0·40	1·29
South-West Bengal	112·4	69·0	98·8	78·2	88·5	+1·2	2·02	2·05	—0·03	3·26	3·11	+0·15	2·02	2·05
East Bengal	98·6	66·4	90·5	74·6	82·6	+0·3	6·62	4·00	+2·62	6·92	5·41	+1·51	6·62	4·00
North Bengal	104·8	62·8	91·7	73·4	82·6	+0·3	4·39	2·43	+1·96	6·32	3·54	+2·78	4·39	2·43
North Bihár	110·7	62·8	98·0	73·8	85·9	+2·3	0·92	0·81	+0·11	1·75	1·29	+0·46	0·92	0·81
South Bihár	112·6	68·0	102·4	77·2	89·8	+3·3	0·37	0·40	—0·03	0·83	0·88	—0·05	0·37	0·40
Chota Nagpur	107·1*	66·4*	101·8*	74·7*	88·3*	+3·5*	0·10	0·43	—0·33	0·45	1·06	—0·61	0·10	0·43
Assam	94·8	63·4	85·4	70·4	78·0	+0·8								

* Chaibassa not included.

METEOROLOGICAL OFFICE, BENGAL;
The 10th May 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS. Air pressure. Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Wind. Prevailing direction.	Mean wind velocity.	Temperature. Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Puri	Puri ...	29·814	29·763	—	SW	339	90·7	3, & 4 & 7 May	75·1	1st May	89·8	80·4	85·1	—	83·9
		Gopalpore ...	29·798	29·759	+·053	SSW	418	91·2	1st ,,	78·8	2nd ,,	90·2	80·1	85·2	+2·7	83·9
		False Point ...	29·819	29·781	+·044	SW	357	91·0	7th ,,	80·2	3rd ,,	90·4	81·4	85·9	+1·2	85·4
	Cuttack	Cuttack ...	29 740	29·762	+·050	SW	114	111 9	1st ,,	79·9	5 & 7 ,,	105·3	80·9	93·1	+2·5	87·4
	Balasore	Balasore ...	29·755	29·756	+·041	SSW	275	107·5	1st ,,	79·7	3 to 5 ,,	98·4	80·5	89 5	+8·8	86·5
South-West Bengal.	South-West Midnapore, South 24-Parganas ...	Saugor Island	29·809	29·778	+·045	SSW	455	93·2	3 & 6 ,,	83·0	1 to 4 ,,	92·6	83·3	88·0	+3·1	86 3
	Midnapore	Midnapore ...	29·664	29·758	+·044	S & SE	224	111·4	1st ,,	80·0	3rd ,,	105·4	81·3	93·3	+6·4	87·6
	24-Parganas ... ..., Howrah ... ..., Hooghly	Calcutta ...	29·801	29·767	+·042	SWly	182	98·1	1 & 5 ,,	78·7	3rd ,,	97·0	80·4	88·7	+4·6	85·7
	Burdwan	Burdwan ...	29·714	29·758	+·038	S & SW	169	107·7	1st ,,	81·4	3 & 5 ,,	104·1	82·4	93·3	+7·2	87·0
	Bankura	Bankura ..	29·475	29·719	+·034	S	122	110·6	1st ,,	81·5	2 & 3 ,,	106·9	82·1	94·5	—	87·2
	Birbhum ... ..., West Burdwan	Raniganj ...	29·460	29·748	+·028	Variable	?	109·5	1st ,,	72·4	2nd ,,	107·1	74·4	90·8	+3·1	89·1
	Murshidabad	Berhampore ..	29·728	29·743	+·012	S	116	104·7	1st ,,	77·3	7th ,,	103 1	80·7	91·9	+7·1	85·6
	Nadia	Krishnagar ...	29·755	29 750	+·034	SSE	207	102·2	6th ,,	80·2	5th ,,	101·0	80·8	90·9	+6·2	85·8
	Jessore ... ..., Khulna	Jessore ...	29·785	29 764	+·021	Sly	116	101·2	5th ,,	77·4	6th ,,	99 5	79·5	89·5	+5·7	86·7
East Bengal.	Chittagong	Chittagong ...	29·794	29·827	+·028	SSE	118	95·2	6th ,,	68·6	1st ,,	89·8	76·5*	82·7*	+2·8*	83·1
	Chittagong Hill Tracts	Demagiri ..	Observations not received.													
	Backergunge	Barisal ..	29·830	29·787	+·031	Calm	163	95·3	3rd May	78·8	3, 5, 6 May	93·7	79·4	86·6	+5·3	85·7
	Noakhali	Noakhali ...	29·813	29·803	+·052	Sly	141	91·5	7th ,,	71·8	1st ,,	90·1	77·5	83·8	+3·6	84·4
	Faridpur	Faridpur ...	29·792	29·785	+·020	S	150	94·5	2, 4, 5,6,, 7th.	77·4	7th ,,	94·1	78 4	86·2	+5·8	84·4
	Dacca	Dacca ..	29 817	29 786	+·027	Sly	199	93·6	1st ,,	72·2	1st ,,	93·1	78·0	85·6	+4·0	83·7
	Tippera	Comilla ...	29·824	29 807	+·040	SEly	71	94·3	6th ,,	69·8	1st ,,	91·9	76·4	84·1	+3·3	83·1
	Mymensingh	Mymensingh	29·791	29·802	+·010	ESE	158	91·7	5th ,,	72·6	1st ,,	88·1	75·8	81·9	+3·3	78·4
North Bengal.	Bogra	Bogra ...	29·733	29·747	+·016	E	119	98·3	1st ,,	73·2	7th ,,	95·9	77·0	86·4	+3·8	82·8
	Pabna	Sirajganj ...	29·771	29·767	+·015	SEly	81	96·1	5th ,,	72·7	7th ,,	93·7	76·3	85·0	+4·4	81·9
	Rajshahi	Rampur Boalia.	29·721	29·740	+·009	SWly	151	97·3	5th ,,	75·6	7th ,,	96·7	80·0	88·4	+6·5	85·6
	Malda	Malda ..	29·715	29·716	—	SE	86	102·5	6th ,,	74 9	7th ,,	97·7	77·3*	87·2*	—	85·2
	Dinajpur	Dinajpur ...	29·687	29·758	—·005	E	40	99·1	5th ,,	72·2	7th ,,	96·0	76·4	86 2	+5·6	80·8
	Rangpur	Rangpur ...	29·713	29·791	+·031	Ely	50	95 2	5th ,,	70·7	7th. ,,	91 6	74·6	83·1	+4·8	78·3
	Jalpaiguri ... ..., Kuch Bihar	Jalpaiguri ..	29 541	29 779	+·011	SE & NE	117	92 9	2nd ,,	70·1	7th ,,	90·3	73·2	81 8	+4·3	78·9
	Darjeeling Hill Tracts...	Darjeeling ...	22 989	—	?	SWly	224	66·1	5th ,,	51·1	1st ,,	64·0	52·5	58·3	+3·8	57·2
North Bihar.	Purnea ... ..., North Bhágalpur ...	Purnea ...	29·680	29·758	+·024	NEly	56	105·3	6th ,,	68·3	1st ,,	100·6	75·0*	87·5*	+4·9*	88·4
	Muzaffarpur	Muzaffarpur	29·600	29 731	—	Variable	164	103·7	1 & 6 ,,	64·3	1st ,,	102 1	76·4	89·2	—	84·0
	Darbhanga	Darbhanga	29·634	29·763	+·027	Ely	143	102·5	6th ,,	70·5	1st ,,	100·1	74·7	87·5	+3·1	84·9
	Champaran	Motihari ...	29·540	29·721	+·010	Variable	186	105·2	6th ,,	67·8	1st ,,	102·3	74·0	88·2	+5·0	84·0
	Saran	Chapra ...	29·592	29·724	+·034	Variable	176	107·2	6th ,,	73·6	5th ,,	103·6	77·7	90·7	+3·9	87·0
South Bihar.	Shahabad	Dehri* ...	29·433	29·733	+·058	W & SW	186	108·9	4th ,,	76·5	6th ,,	105·7	79·6	92·7	+5·1	89·3
		Buxar ...	29·542	29·734	+·031	Variable	145	106·4	2 & 3 ,,	73·8	1st ,,	103 6	78·2	90·9	+2·6	85·8
		Arrah ..	29·582	29·723	+·046	Variable	153	107·4	1 & 3 ,,	74·5	5th ,,	105 3	78·4	91·9	+3·7	87·5
	Gaya	Gaya ...	29·383	29 706	+·025	W	161	108·6	1st ,,	70·8	2nd ,,	106·9	80·8	93·9	+3·7	88·4
	Patna	Bankipore ...	29·588	29·720	+·019	Variable	128	106·2	2nd ,,	76·2	2nd ,,	104·8	78·2	91·5	+4·2	88·0
	South Bhágalpur ..., Monghyr	Bhágalpur ...	29 617	29·729	+·020	Calm	70	108·3	6th ,,	76·0	7th ,,	103·9	77·7	90·8	+6·6	86·4
	Sonthal Parganas ...	Dumka ...	29·280	29·727	+·032	Variable	155	107·2	1st ,,	70·2	7th ,,	105·1	81·1	93·1	+7·6	88·7
Chota Nagpur.	Hazáribágh	Hazáribágh ...	27·805	29·719	+·053	WNW	235	105·6	3rd ,,	73·3	4th ,,	102·1	76·2	89·2	+3·4	85·9
	Lohardaga ... ..., Palámau .. ..., Manbhum	Ranchi ...	27·695	29·716	+·059	NW & Calm.	147	102·0	1st ,,	73·9	2nd ,,	101·1	76·3	88·7	+3·7	87·1
	Singhbhum	Chaibassa ...	29·016	29·708	+·050	SWly	48	110·3	1st ,,	73·7	7th ,,	108·2	80·6	94·4	+3·6	90·6
Assam.	Sibsagar	Sibsagar ...	29·408?	29·790?	—·037?	NE		91·6	4th ,,	68·4	6th ,,	83 6	70·1	76·9	+0·6	74·6
	Goalpara	Dhubri ...	29·729	29·790	+·022	Variable	166	89·2	2 & 5 ,,	69·8	6th ,,	85·4	73·5*	79·1*	+0·7*	75·8
	Cachar	Silchar ...	29·777	29·833	+·020	Calm		91·5	4th ,,	70·3	1st ,,	86·2	73·0	79·6	+1·8	76·6

* Mean of 6 days.

Explanation.—*Summary.*—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last ... The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 7th of May 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	District Observations. Rainfall. Of week. Mean for district.	Of week. Normal mean.	Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 1st April 1892. Mean for district.	Since 1st April 1892. Normal mean.	Since 1st April 1892. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
86	2·3	Nil	Nil	0·80	Nil	0·83	—0·83	0·02	1·96	—1·94	0·00	1·10	Puri ...	Puri	Orissa.
84	0·1	Nil											Gopalpore ...		
81	0·1	Nil											False Point ...		
67	2·4	Nil	Nil	1·01	Nil	1·08	—1·08	0·05	2·26	—2·21	0·00	1·30	Cuttack ...	Cuttack	
70	1·3	Nil	Nil	1·29	Nil	1·54	—1·54	0·84	3·53	—2·69	0·00	1·82	Balasore ...	Balasore	
79	0·4	Nil	Nil	1·43	Nil	1·60	—1·60	0·48	3·84	—3·36	0·00	1·73	Saugor Island ...	South-West Midnapore South 24-Parganas ...	South-West Bengal.
65	1·3	Nil	Nil	1·59	Nil	1·86	—1·86	1·56	4·31	—2·75	0·00	1·74	Midnapore ...	Midnapore	
75	3·4	Nil	Nil	1·57	Nil	1·88	—1·88	2·40	4·52	—2·12	0·00	1·79	Calcutta ...	24-Parganas ... Howrah ... ... Hooghly	
61	2·1	Nil	Nil	1·24	Nil	1·61	—1·61	2·58	4·22	—1·64	0·00	1·40	Burdwan ...	Burdwan	
58	2·7	Nil	Nil	1·02	Nil	1·16	—1·16	0·86	2·78	—1·92	0·00	1·35	Bankura ...	Bankura	
54	0·7	Nil	0·04	0·84	0·04	0·96	—0·92	1·17	2·40	—1·23	0·25	1·32	Raniganj ...	Birbhum ... ... West Burdwan ...	
78	4·0	0·09	0·12	1·11	0·12	1·26	—1·14	2·66	3·21	—0·55	0·33	1·63	Berhampore ...	Murshidabad ...	
73	3·9	Nil	0·07	1·25	0·07	1·51	—1·44	2·29	5·21	—2·92	0·20	1·63	Krishnagar ...	Nadia	
80	4·0	0·17	0·48	1·60	0·48	2·01	—1·53	3·16	6·31	—3·15	0·63	2·01	Jessore ...	Jessore ... ... Khulna	
85	5·3	3·89	3·20	2·19	3·29	2·79	+0·41	11·34	7·01	+4·33	1·50	2·16	Chittagong ...	Chittagong	East Bengal.
			3·24	2·76	3·24	3·68	—0·44	10·74	8·34	+2·40	2·00	2·65	Demagiri ...	Chittagong Hill Tracts	
79	0·4	Nill	Nil	1·88	Nil	2·31	—2·31	2·45	6·38	—3·93	0·00	2·24	Bârisal ...	Backergunge	
82	1·6	0·05	0·32	2·95	0·32	3·48	—3·16	9·27	9·53	—0·26	0·50	2·25	Noakhali ...	Noakhali	
82	3·1	0·75	0·44	2·37	0·44	2·92	—2·48	4·12	7·49	—3·37	1·00	2·63	Faridpur ...	Faridpur	
85	6·1	0·34	0·47	2·35	0·47	2·80	—2·33	5·12	8·42	—3·30	1·00	2·04	Dacca ...	Dacca	
83	4·0	0·36	1·19	3·11	1·19	3·95	—2·76	13·03	9·80	+3·14	1·50	2·90	Comilla ...	Tippera	
86	6·4	0·66	0·61	2·33	0·61	3·13	—2·52	8·01	7·87	+0·14	1·40	2·45	Mymensingh ...	Mymensingh	
83	4·6	0·10	0·44	1·78	0·44	2·14	—1·70	6·69	4·73	+1·96	0·50	1·95	Bogra ...	Bogra	North Bengal.
88	7·1	0·83	0·80	1·55	0·80	1·97	—1·17	6·58	5·56	+1·02	1·00	2·08	Sirajganj ...	Pabna	
72	3·1	0·11	0·77	1·35	0·77	1·53	—0·76	3·80	3·48	+0·32	1·00	1·58	Rampur Boalia ...	Rajshahi	
78	2·0	Nil	Nil	0·97	Nil	1·19	—1·19	3·85	2·47	+1·38	0·00	1·24	Malda ...	Malda	
81	7·7	2·10	0·73	0·90	0·73	1·23	—0·50	4·14	2·82	+1·32	0·60	1·45	Dinajpur ...	Dinajpur	
86	3·1	0·24	1·40	1·86	1·40	2·48	—1·08	6·45	6·72	—0·27	1·50	2·24	Rangpur ...	Rangpur	
87	2·0	2·37	4·14	2·07	4·14	2·66	+1·48	7·85	7·86	—0·01	4·00	2·54	Jalpaiguri ...	Jalpaiguri ... ... Kuch Bihar	
92	8·4	0·70	1·40	1·94	1·40	2·29	—0·89	11·04	7·92	+3·12	2·50	2·74	Darjeeling ...	Darjeeling Hill Tracts	
67	2·3	Nil	0·06	1·04	0·06	1·32	—1·26	2·38	3·06	—0·68	0·20	1·29	Purnea ...	Purnea .. ... North Bhágalpur ...	North Bihár.
63	0	Nil	Nil	0·76	Nil	0·83	—0·83	0·49	1·61	—1·12	0·00	1·03	Muzaffarpur ...	Muzaffarpur	
63	0	Nil	Nil	0·83	Nil	0·91	—0·91	0·40	1·78	—1·38	0·00	1·09	Darbhanga ...	Darbhanga	
56	1·3	Nil	Nil	0·70	Nil	0·97	—0·97	0·14	1·87	—1·73	0·00	1·16	Motihari ...	Champaran	
50	0	Nil	Nil	0·45	Nil	0·50	—0·50	0·05	1·08	—1·03	0·00	0·82	Chapra ...	Saran	
32	0·6	Nil											Dehri ...		South Bihár.
34	0·6	Nil	Nil	0·30	Nil	0·35	—0·35	0·04	0·55	—0·51	0·00	0·61	Buxar ...	Shahabad	
44	0·7	Nil											Arrah ...		
38	0	Nil	Nil	0·26	Nil	0·29	—0·29	Nil	0·59	—0·59	0·00	0·55	Gaya ...	Gaya	
50	0	Nil	Nil	0·42	Nil	0·48	—0·48	0·06	0·81	—0·75	0·00	0·65	Bankipore ...	Patna	
62	1·1	0·14	0·06	0·49	0·06	0·54	—0·48	0·83	1·26	—0·43	0·40	0·87	Bhágalpur ...	South Bhágalpur ... Monghyr	
57	0	Nil	0·13	0·85	0·13	0·98	—0·85	0·90	2·03	—1·13	0·33	1·24	Dumka ...	Southal Parganas ...	
25	0	Nil	Nil	0·62	Nil	0·64	—0·64	Nil	1·13	—1·13	0·00	0·98	Hazáribagh ...	Hazáribágh	Chota Nagpur.
72	0	Nil	Nil	0·53	Nil	0·53	—0·53	0·05	1·06	—1·01	0·00	1·14	Ranchi ...	Lohardaga	
			Nil	0·17	Nil	0·17	—0·17	Nil	0·55	—0·55	0·00	0·63		Palámau	
			Nil	0·72	Nil	0·78	—0·78	0·28	1·68	—1·40	0·00	1·23		Manbhum	
44	0	Nil	Nil	0·98	Nil	1·05	—1·05	0·34	2·08	—1·74	0·00	1·53	Chaibassa ...	Singbhum	
95	9·4	2·11											Sibsagar	Assam	Assam.
91	8·6	4·61											Dhubri		
89	7·7	2·41											Silchar		

ten years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean
past ten years. The means of the district are the numerical average of the rainfall returned received in the district, i.e. from total rainfall at the subdivision

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 7th of May 1892.

Meteorological division.	District.	Station.	Rainfall. Sunday, 1st May.	Monday, 2nd May.	Tuesday, 3rd May.	Wednesday 4th May.	Thursday, 5th May.	Friday, 6th May.	Saturday, 7th May.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
ORISSA ...	Puri ...	Puri ...	......	......	......	......	......	......	......	Nil	Nil	0·60	Nil	0·75	Nil	1·37
		Khurda ...	......	......	......	......	......	......	......	Nil	Nil	0·76	Nil	0·78	Nil	1·70
		Banpur ...	......	......	......	......	......	......	......	Nil	Nil	0·83	Nil	0·83	0·09	1·59
		False Point ...	......	......	......	......	......	......	......	Nil	Nil	0·91	Nil	0 90	Nil	3·17
		Gop ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Satpara ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pipli .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Cuttack	Jagatsingpore	......	......	......	......	......	......	......	Nil	Nil	1·25	Nil	1·28	Nil	2·09
		Banki ...	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·33	0·04	0·69
		Cuttack ...	......	......	......	......	......	......	......	Nil	Nil	0·85	Nil	0·92	0·15	2·01
		Kendrapara ...	......	......	......	......	......	......	......	Nil	Nil	1 41	Nil	1·45	0·01	2·03
		Jajpur ...	......	......	......	......	......	......	......	Nil	Nil	1·25	Nil	1·46	0·07	3·37
		Dharmsala ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·18	?
		Salipore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Balasore	*Akhyapada* ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·42	?
		Chandbali ...	......	......	......	......	......	......	......	Nil	Nil	1·97	Nil	2·23	Nil	3 49
		Bhadrak ...	......	......	......	......	......	......	......	Nil	Nil	1·39	Nil	1·54	4·59	3·63
		Sorah ...	......	......	......	......	......	......	......	Nil	Nil	0·97	Nil	1 42	0·25	3·59
		Balasore ..	......	......	......	......	......	......	......	Nil	Nil	1·12	Nil	1·40	0·04	4·22
		Jellasore ..	......	......	......	......	......	......	......	Nil	Nil	1·06	Nil	1·19	0·20	2·87
		Baripodah ..	......	......	......	......	......	......	......	Nil	Nil	1 25	Nil	1·47	0·63	3·37
SOUTH-WEST BENGAL.	Midnapore	Contai	......	......	......	......	......	......	......	Nil	Nil	1·61	Nil	1·68	0·61	3·63
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	1 26	Nil	1·37	0·03	3·29
		Tamluk ..	......	......	......	......	......	......	......	Nil	Nil	1·47	Nil	1·79	1·73	3·83
		Midnapore ...	......	......	......	......	......	......	......	Nil	Nil	1·18	Nil	1·68	1·70	4·27
		Ghatál ...	......	......	......	......	......	......	......	Nil	Nil	1·83	Nil	2·11	1 25	4·82
		Kukrahaty ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·66	?
		Garhbeta ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·75	?
	24-Parganas ...	Diamond Harbour ...	......	......	......	......	......	......	......	Nil	Nil	1·42	Nil	1·75	0·60	4·60
		Canning Town	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·98	?
		Alipore Jail ..	......	......	......	......	......	......	......	Nil	Nil	1·63	Nil	1·74	1·77	4·22
		Barrackpore...	......	......	......	......	......	......	......	Nil	Nil	1·36	Nil	1·71	2·37	4·15
		Dum-Dum ...	......	......	......	......	......	......	......	Nil	Nil	1·55	Nil	1·82	2·74	4·59
		Barasat ...	......	......	......	......	......	......	......	Nil	Nil	1·69	Nil	1·89	2·66	4·88
		Basirhat ...	......	......	......	......	......	......	......	Nil	Nil	1·60	Nil	1·79	3·35	4·65
	Howrah ...	Howrah ..	......	......	......	......	......	......	......	Nil	Nil	1·64	Nil	1·85	1·53	4·49
		Mohesroka ...	......	......	......	......	......	......	......	Nil	Nil	2·09	Nil	2·82	1·28	4·78
		Ulubaria ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·35	?
	Hooghly ..	Serampore ...	......	......	......	......	......	......	......	Nil	Nil	1·65	Nil	1·78	3·49	4·43
		Hooghly ...	......	......	......	......	......	......	......	Nil	Nil	1·43	Nil	1·80	3·73	4·79
		Jahánabad ..	......	......	......	......	......	......	......	Nil	Nil	1 13	Nil	1·46	1·05	4·20
	Burdwan .	Kalna ..	......	......	......	......	......	......	......	Nil	Nil	1·38	Nil	1·75	4·37	4·77
		Burdwan ...	......	......	......	......	......	......	......	Nil	Nil	1·23	Nil	1 61	1·92	4 23
		Katwa ...	......	......	......	......	......	......	......	Nil	Nil	1·10	Nil	1·47	1·47	3 65
		Raniganj ..	......	......	......	......	......	......	......	Nil	Nil	0·57	Nil	0·64	2·01	2·28
		Mankur ...	......	......	......	......	......	......	0·21	1	0·21	?	0·21	?	0·89	?
	Bankura ..	Bankura ...	......	......	......	......	......	......	......	Nil	Nil	0·85	Nil	0·97	0·84	2·87
		Bishenpore ...	......	......	......	......	......	......	......	Nil	Nil	1·34	Nil	1·68	1·18	3·65
		Maliara ...	......	......	......	......	......	......	......	Nil	Nil	0 83	Nil	0·89	0·72	2·21
		Khatra ...	......	......	......	......	......	......	......	Nil	Nil	1 04	Nil	1·07	0·70	2·13
		Indas ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1 79	?
		Kotalpore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·88	?
		Anda ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·61	?
		Gangajalghati	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·46	?
		Raipore ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·05	?
		Sonamukhi ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·59	?
	Birbhum ...	Bh. Suri ..	......	......	......	......	......	......	......	Nil	Nil	0·81	Nil	0·93	0·50	2·17
		Hetampore ...	......	......	......	......	......	0·03	......	Nil	0·03	0·89	0·03	1·05	0·35	2 17
		Rampur Hát...	......	......	......	......	......	......	0·12	1	0·12	1·09	0·12	1·22	1·82	2 98
		Bolpore ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·09	?
		Murari ...	......	......	......	......	......	......	1·10	1	1·10	?	1·10	?	2·53	?
	Nadia ..	Ranaghat ..	......	......	......	......	......	0·28	......	1	0·28	1·06	0·28	1·31	2·81	4·78
		Krishnagar ...	......	......	......	......	......	......	......	Nil	Nil	1·15	Nil	1·63	4·18	4·86
		Chuadanga ..	......	......	......	......	......	......	......	Nil	Nil	1·54	Nil	1·67	1·05	5·07
		Meherpore ...	......	......	......	......	......	......	......	Nil	Nil	0 92	Nil	1·16	0·18	4·97
		Kushtia .	......	......	......	......	......	......	0·05	Nil	0 05	1·57	0·05	1 79	3·21	5·76
	Khulna ..	Satkhira .	0·37	......	......	......	......	......	......	1	0·37	1·74	0·37	2·08	3·29	5·84
		Bágerhat ..	......	......	......	......	......	......	......	Nil	Nil	1·71	Nil	2·08	0·46	6 57
		Khulna ...	......	......	......	......	......	......	......	Nil	Nil	1·89	Nil	2·17	2·03	6·51
		Nakipur ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·70	?
		Rampal .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·80	?
	Jessore ...	Narail ..	0·35	......	......	......	......	0·08	......	1	0·43	1·79	0·43	2·09	4·83	6·38
		Jessore ...	......	......	......	......	......	0·17	......	1	0·17	1·69	0·17	2·01	2·00	7·13
		Jhenidah ...	......	......	......	......	......	......	2·80	1	2·80	1·27	2·80	1·61	6·65	5·75
		Magura ...	......	......	......	......	......	......	0·11	1	0·11	1·88	0·11	2·20	3·15	7·17
		Faugaon ...	......	......	......	......	......	......	......	Nil	Nil	1·53	—	1·85	2·32	5·10
	Murshidabad	Kandi ...	......	......	......	0·08	......	......	......	Nil	0·08	1·15	0·08	1·25	2·70	3·23
		Berhampore...	......	......	......	......	......	......	0·09	Nil	0·09	1·51	0·09	1·58	2·41	3·84
		Lalbagh ...	......	......	......	......	......	......	0·18	1	0·18	1·06	0·18	1·19	2·33	3·25
		Azimgunge ...	......	......	......	......	......	......	0·02	Nil	0·02	1·03	0·02	1·14	2·36	2·96
		Jangipur ..	......	......	......	......	......	......	0 07	Nil	0·07	1·06	0·07	1·13	2·80	2·74
		Lalgola ...	......	......	......	......	......	......	0·25	1	0·25	1·07	0·25	1·27	3·25	3·31
		Akhriganj ...	......	......	......	......	......	......	0·10	1	0·10	?	0·10	?	1·79	?
		Patkabari ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·82	?
EAST BENGAL.	Chittagong ..	Cox's Bazar ...	1·96	......	......	......	0·40	......	......	2	2·36	2·44	2·36	3·00	6·49	6·63
		Chittagong ...	4·04	......	......	......	......	......	......	1	4·04	1·94	4·04	2·59	16·25	7·39
		Kutubdia ...	1·27	......	......	......	......	......	......	1	1·27	?	1·27	?	4·71	?
		Satkanya ...	1·47	......	......	......	......	......	......	1	1·47	?	1·47	?	9·16	?
	Chittagong Hill Tracts.	Rangamati ...	2·87	......	......	......	......	......	0·37	2	3·24	2·76	3·24	3·68	10·74	8·34
		Bundarban ...	1·04	......	......	......	......	......	......	1	1·04	?	1·04	?	7·39	?
	Backergunge	Patuakhali ...	......	......	......	......	......	......	......	Nil	Nil	1·53	N	1·93	4·07	6·01
		Pirojpur ..	......	......	......	......	......	......	......	Nil	Nil	1·97	N	2·34	1·36	6·02
		Barisal ..	......	......	......	......	......	......	......	Nil	Nil	2·17	N	2 75	2·48	6·47
		Bhola ...	......	......	......	......	......	......	......	Nil	Nil	1·83	N	2·21	1·87	7·09

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 7th of May 1892—contd.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 1st May.	Monday, 2nd May.	Tuesday, 3rd May.	Wednesday, 4th May.	Thursday, 5th May.	Friday, 6th May.	Saturday, 7th May.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
EAST BENGAL—concld.		*Gournaddi* ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	4·71	?
		Bauphal ...	...	...	...	...	...	...	1·72	1	1·72	?	1·72	?	4·19	?
	Noakhali ...	Noakhali ...	0·04	...	...	...	...	...	...	Nil	0·04	2·60	0·04	3·48	7·29	8·71
		Fenny ...	0·60	...	...	...	...	...	...	1	0·60	3·20	0·60	4·00	11·26	10·32
		Harishpore ...	0·30	...	...	...	...	...	...	1	0·30	?	0·30	?	6·57	?
		Ramganj ...	1·20	...	...	...	...	...	...	1	1·20	?	1·20	?	5·61	?
	Faridpur ...	Madaripur ...	0·43	...	...	...	...	...	...	1	0·43	2·69	0·43	3·20	4·84	8·00
		Faridpur ...	0·60	...	...	...	...	0·30	...	2	0·90	2·29	0·90	2·85	4·13	7·03
		Goalundo ...	...	...	...	...	...	...	...	Nil	Nil	2·15	Nil	2·72	3·38	7·39
	Dacca ...	Munshiganj ...	0·49	...	...	...	...	...	...	1	0·49	2·43	0·49	2·07	7·48	8·79
		Dacca ...	0·41	...	...	...	...	...	...	1	0·41	2·07	0·41	3·03	4·10	8·50
		Narainganj ...	0·37	...	...	...	...	...	...	1	0·37	2·08	0·37	2·46	4·01	8·21
		Manikganj ...	0·45	...	...	...	...	0·08	0·08	1	0·61	2·20	0·61	2·70	4·90	8·12
		Joydebpore ..	0·20	...	...	...	...	0·11	1·60	3	2·00	?	2·00	?	5·93	?
	Hill Tippera Tippera ...	Agartola ...	...	0·24	...	...	...	...	...	1	0·24	3·11	0·24	4·06	12·12	10·22
		Comilla ...	0·25	...	...	...	...	...	0·12	2	0·37	3·03	0·37	3·77	10·81	10·07
		Chandpore ...	1·72	...	...	...	...	...	...	1	1·72	3·23	1·72	3·96	15·38	9·46
		Brahmanbaria	1·30	...	...	...	...	...	1·12	2	2·42	3·08	2·42	4·00	13·81	9·81
		Ramchandrapore ...	...	...	...	...	...	...	0·94	1	0·94	?	0·94	?	8·24	?
		Nasirnagar ...	...	...	...	0·20	...	...	...	1	0·20	?	0·20	?	11·70	?
		Daudkandi ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	2·47	?
		Kasba ...	...	...	...	...	...	...	...	Nil	Nil	?		?	11·61	?
		Laksham ...	1·40	...	...	...	...	...	...	1	1·40	?	1·40	?	8·15	?
	Mymensingh...	Kishoregunge	0·42	...	...	...	...	...	0·30	2	0·72	2·63	0·72	3·44	9·81	9·02
		Atia (*Tangail*)	...	0·83	...	...	...	...	0·19	2	1·02	1·60	1·02	[illegible]	8·35	6·38
		Mymensingh ...	...	0·01	0·80	...	...	...	0·05	1	0·86	2·73	0·86	3·57	9·03	7·98
		Jamalpur ...	...	...	0·26	...	...	...	...	1	0·26	2·73	0·26	3·42	3·07	7·26
		Netrokona ...	...	...	...	0·21	...	...	...	1	0·21	1·98	0·21	3·25	9·79	8·70
		Subornakhali	...	...	...	...	...	...	0·86	1	0·86	?	0·86	?	6·34	?
		Durgapore ...	...	...	...	0·40	0·78	0·60	...	3	1·78	?	1·78	?	9·50	?
		Sherepore Town	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	4·54	?
		Dewanganj ..										?		?		?
NORTH BENGAL.	Pabna ...	Pabna ...	...	...	...	...	...	...	0·76	1	0·76	1·73	0·76	2·09	4·00	5·94
		Sirajganj ...	...	...	...	...	...	...	0·83	1	0·83	1·36	0·83	1·84	9·13	5·15
	Bogra ...	Sherepore ...	...	...	...	...	...	0·03	1·56	1	1·59	1·82	1·59	2·18	9·55	4·53
		Nowkhilla ...	...	...	...	...	...	...	0·07	Nil	0·07	1·72	0·07	2·01	6·39	5·01
		Bogra ...	...	...	...	...	...	...	0·10	1	0·10	1·63	0·10	2·14	4·75	5·13
		Panchbibi ...	...	...	...	...	...	...	...	Nil	Nil	1·95	Nil	2·24	6·83	4·27
	Rajshahi ...	Boalia ...	...	...	...	...	...	...	0·10	1	0·10	1·20	0·10	1·25	3·38	3·32
		Nator ...	...	...	...	...	...	...	1·90	1	1·90	1·62	1·90	2·00	5·12	4·96
		Naogaon ...	...	...	...	...	...	...	0·30	1	0·30	1·23	0·30	1·55	2·89	2·15
		Lalpore ...	...	...	...	...	...	...	0·30	1	0·30	?	0·30	?	2·83	?
		Manda ...	...	...	...	...	...	...	0·50	1	0·50	?	0·50	?	4·73	?
	Malda ..	Malda ...	...	...	...	...	...	...	...	Nil	Nil	0·84	Nil	0·96	6·10	2·30
		Chanchal ...	...	...	...	...	...	...	...	Nil	Nil	1·09	Nil	1·40	1·57	2·59
		Gajol ...	...	...	...	...	...	...	0·41	1	0·41	?	0·41	?	5·49	?
		Sibganj ...	...	...	...	...	...	...	0·11	1	0·11	?	Nil	?	2·56	?
	Dinajpur	Mohadebpore	...	...	...	...	...	...	0·92	1	0·92	1·28	0·92	1·54	3·93	3·13
		Churamon ...	...	...	...	...	...	...	...	Nil	Nil	0·83	Nil	1·08	3·32	2·04
		Raigunge ...	...	...	...	...	...	...	...	Nil	Nil	1·02	Nil	1·50	2·14	3·29
		Dinajpur ...	...	...	...	...	...	...	2·49	1	2·49	1·10	2·49	1·29	4·82	3·82
		Baloorghat ...	...	...	...	...	...	...	0·24	1	0·24	0·67	0·24	0·75	6·47	1·82
		Thakoorgaon	...	...	...	...	...	...	0·05	Nil	0·05	?	0·05	?	1·84	?
	Rangpur ...	Bhawanigunge (Gyabandha)	...	...	...	...	...	...	...	Nil	Nil	1·88	Nil	2·34	5·52	5·65
		Rangpur ...	...	...	...	...	...	...	0·24	1	0·24	1·44	0·24	2·01	6·03	5·92
		Kurigram ...	...	0·13	1·05	...	...	0·50	2·75	4	4·43	2·52	4·43	3·30	10·45	9·11
		Bagdogra (*Nilphamari*)	...	...	0·05	...	...	...	0·90	1	0·95	1·59	0·95	2·26	3·81	6·29
		Ulipore ...	...	0·56	0·15	0·52	...	0·30	2·50	5	4·03	?	4·03	?	8·85	?
	Jalpaiguri ...	Jalpaiguri ...	...	0·02	0·20	0·10	...	1·68	0·13	4	2·13	2·13	2·13	2·71	5·65	7·50
		Alipore Dooar	...	...	0·59	2·04	...	0·18	0·13	4	2·94	?	2·94	?	12·59	?
		Fallacotta ...	...	...	0·82	1·31	...	0·77	0·47	4	3·37	?	3·37	?	8·85	?
		Debiganj ...	...	...	0·70	...	...	...	1·10	2	1·80	?	1·80	?	[illegible]	?
		Bhagatpore (*Nagrakatta*)	0·15	0·01	0·03	0·21	...	0·35	1·26	4	2·01	?	2·01	?	25·21	?
	Kuch Bihar ..	Dinhatta ...	...	...	0·26	0·84	...	1·04	0·24	4	2·38	1·85	2·38	2·57	4·30	7·72
		Kuch Bihar ..	...	...	1·35	1·30	...	3·33	1·22	4	7·20	2·73	7·20	5·49	11·30	9·89
		Mickilgunge ...	...	2·30	0·20	0·11	...	1·49	0·07	4	4·17	1·75	4·17	2·23	9·46	7·19
		Mathabhanga	...	...	0·33	0·71	...	3·30	0·50	4	4·84	1·91	4·84	2·33	8·58	7·11
	Darjeeling Hill.	Buxa ...	1·13	0·39	...	0·32	...	0·09	0·81	4	2·74	3·11	2·74	4·02	19·28	13·65
		Silliguri ...	...	0·03	...	0·20	...	0·30	0·77	3	1·30	1·26	1·30	1·31	8·79	4·96
		Darjeeling ...	...	...	...	0·01	...	0·64	0·05	1	0·70	2·03	0·70	2·41	9·00	7·66
		Kalimpong ..	...	...	0·09	...	0·15	0·08	0·54	2	0·86	1·34	0·86	1·41	7·10	5·34
		Kurseong ...	...	...	0·20	0·02	...	0·30	0·80	3	1·32	?	1·32	?	10·68	?
NORTH BIHÁR	Purnea ...	Kishanganj ...	...	...	...	...	...	...	0·12	1	0·12	1·13	0·12	1·40	3·20	3·87
		Araria ...	...	...	...	...	...	...	...	Nil	Nil	1·47	Nil	1·84	1·82	3·70
		Purnea ...	...	...	...	...	...	...	...	Nil	Nil	0·82	Nil	1·04	2·53	2·74
		Gondwara (*Korah*)	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	3·73	?
	North Bhágalpur.	*Barsoe* ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	2·94	?
		Forbesganj ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·89	?
		Kaisaganj ...	...	...	0·25	...	...	...	0·70	2	0·95	?	0·95	?	2·52	?
		Madhipura ...	...	...	...	...	...	...	0·30	1	0·30	1·00	0·30	1·22	2·78	2·66
		Bongaon (*Syfabad.*)	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·77	?
		Supaul ..	...	...	...	...	...	...	...	Nil	Nil	0·78	Nil	1·03	1·70	2·32
		Protabganj ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·88	?
	Darbhanga ...	Tájpur ...	...	...	...	...	...	...	...	Nil	Nil	0·86	Nil	0·93	0·15	[illegible]
		Darbhanga ...	...	...	...	...	...	...	...	Nil	Nil	0·92	Nil	0·98	0·56	[illegible]
		Madhubani ...	...	...	...	...	...	...	...	Nil	Nil	0·71	Nil	0·82	0·52	[illegible]
		Bahera ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·47	
		Roshera ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·16	?
	Muzaffarpur...	Sitamarhi ...	...	...	...	...	...	...	...	Nil	Nil	0·81	Nil	0·90	1·46	[illegible]
		Muzaffarpur	...	...	...	...	...	...	...	Nil	Nil	0·90	Nil	0·93	Nil	[illegible]
		Hajipur ...	...	...	...	...	...	...	...	Nil	Nil	0·08	Nil	0·68	Nil	[illegible]
		Paru ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	
		Mahua ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	
		Sirhar ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	
		Pupri ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·42	

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 7th of May 1892—concld.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 1st May.	Monday, 2nd May.	Tuesday, 3rd May.	Wednesday, 4th May.	Thursday, 5th May.	Friday, 6th May.	Saturday, 7th May.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
NORTH BIHÁR —concluded.	Champaran ...	Motihari ..	......	......	......	......	......	......	......	Nil	Nil	0·76	Nil	0·85	0·16	1·72
		Bettiah ...	......	......	......	......	......	......	......	Nil	Nil	0·63	Nil	1·07	0·12	2·01
		Bagaha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·16	?
		Burhurwa ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·03	?
	Saran ...	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·46	Nil	0·51	0·15	1·54
		Siwán .	......	......	......	......	......	......	......	Nil	Nil	0·43	Nil	0·48	Nil	0·90
		Chapra ...	......	......	......	......	......	......	......	Nil	Nil	0·46	Nil	0·51	Nil	0·81
SOUTH BIHÁR	Shahabad ...	Buxar ...	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·31	0·05	0·47
		Dehri .	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·19	0·17	0·30
		Bhabhua ...	......	......	......	......	......	......	......	Nil	Nil	0·38	Nil	0·47	Nil	0·64
		Sasarám ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·32	Nil	0·52
		Arrah ...	......	......	......	......	......	......	......	Nil	Nil	0·40	Nil	0·49	Nil	0·78
		Mohaniah ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Ageaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rammagor ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Koath ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sikroul ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bassowan ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Monaharpur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·05	?
	Gaya .	Aurangabad ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·20	Nil	0·50
		Gaya ...	......	......	......	......	......	......	......	Nil	Nil	0·15	Nil	0·17	Nil	0·53
		Nawádah ...	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	0·38	Nil	0·80
		Jahánabad ...	......	......	......	......	......	......	......	Nil	Nil	0·37	Nil	0·39	Nil	0·54
		Arwal ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Daudnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sherghati ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rajauli .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		PakriBarawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Patna	Patna ...	......	......	......	......	......	......	......	Nil	Nil	0·43	Nil	0·47	Nil	0·76
		Dinapore ..	......	......	......	......	......	......	......	Nil	Nil	0·29	Nil	0·42	Nil	0·67
		Bihar ...	......	......	......	......	......	......	......	Nil	Nil	0·52	Nil	0·53	0·25	0·94
		Barh ...	......	......	......	......	......	......	......	Nil	Nil	0·44	Nil	0·51	Nil	0·90
		Bickram ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hilsa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Monghyr ...	Begusarai ...	......	......	......	......	......	......	......	Nil	Nil	0·46	Nil	0·52	1·43	1·11
		Monghyr ..	......	......	......	......	......	......	0·05	Nil	0·05	0·41	0·05	0·45	0·53	1·17
		Jamui ...	......	......	......	......	......	......	......	Nil	Nil	0·46	Nil	0·53	0·30	1·20
		Gogri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	South Bhágalpur.	Bhágalpur ...	......	......	......	0·02	......	......	0·12	1	0·14	0·55	0·14	0·61	0·80	1·55
		Banka ...	......	......	......	......	......	......	0·10	1	0·10	0·57	0·10	0·61	0·90	1·36
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·86	?
	Sonthal Parganas.	Rajmahal ...	......	......	......	......	......	......	......	Nil	Nil	1·10	Nil	1·41	1·59	2·96
		Godua ...	......	......	......	......	......	......	0·43	1	0·43	0·78	0·43	0·83	0·98	1·57
		Pakour .	......	......	......	......	......	......	0·35	1	0·35	0·78	0·35	0·85	1·40	1·67
		Naya Dumka	......	......	......	......	......	......	......	Nil	Nil	0·64	Nil	0·82	0·50	2·13
		Deoghur .	......	......	......	......	......	......	......	Nil	Nil	0·76	Nil	0·85	0·27	1·96
		Jamtara ...	......	......	......	......	......	......	......	Nil	Nil	0·93	Nil	1·09	0·65	1·84
		Mohagama ...	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Nanihat ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
CHOTA NAGPUR.	Hazáribágh ..	Pachamba (*Giridi*). ...	......	......	......	......	......	......	......	Nil	Nil	0·40	Nil	0·42	Nil	1·30
		Hazáribágh ...	......	......	......	......	......	......	......	Nil	Nil	0·47	Nil	0·51	Nil	0·98
		Semtagurah .	......	......	......	......	......	......	......	Nil	Nil	0·78	Nil	0·80	Nil	1·34
		Mahudi Hills	......	......	......	......	......	......	......	Nil	Nil	0·62	Nil	0·64	Nil	0·78
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	0·92	Nil	0·92	Nil	1·24
		Barhi ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Chatra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Karagdeha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·40	?
		Ramghar ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Lohardaga ...	Lohardaga ...	......	......	......	......	......	......	......	Nil	Nil	0·35	Nil	0·36	Nil	0·61
		Ranchi ...	......	......	......	......	......	......	......	Nil	Nil	0·70	Nil	0·70	0·16	1·51
		Silli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Palámau ...	Palámau ..	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·17	Nil	0·55
		Balumat ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hosseinabad	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Garwah ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Singbhum ...	Chaibassa ...	......	......	......	......	......	......	......	Nil	Nil	0·08	Nil	1·05	0·34	2·08
		Chakradharpore.	......	......	......	......	......	......	......	Nil		?		?		?
		Ghatsilla ...	......	......	......	......	......	......	0·15	1	0·15	?	0·15	?	0·65	?
		Baharagura	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·84	?
	Manbhum ..	Purulia ...	......	......	......	......	......	......	......	Nil	Nil	0·96	Nil	1·05	0·30	2·11
		Gobindpur ...	......	......	......	......	......	......	......	Nil	Nil	0·48	Nil	0·51	0·26	1·25
		Raghunathpore.	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·48	?
		Barrabhum	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Jhalda ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·08	?
		Chas ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pandra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·24	?

Explanation.—......indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the 10th May* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 7TH OF MAY 1892.

At the close of the previous week conditions were a little disturbed in Bengal from the fact that a shallow low-pressure area existed over Bengal, the centre of the defective pressure being in North Bengal, where a defect of about a fifth of an inch was registered. With these disturbed conditions a series of local storms or nor'-westers with rain occurred on the evening of the 30th April, the rainfall from which was reported on the morning of the 1st of May, or the first day of the present week, and from this cause the stations in all districts of East Bengal, except parts of Tippera and Mymonsingh, reported moderate rain on this day. Pressure, however, commenced to rise moderately to rapidly on the morning of the 1st; the increase was still more marked on the 2nd, when pressure became above the normal, the excess being small in the south-western districts, while in North Bengal it almost amounted to a tenth of an inch. On the 3rd the pressure changes were small and variable, and on the 4th there was a slow to moderate fall, and on the 5th a slight rise, and the general pressure over the province still remained fairly normal. On the 6th and 7th, however, pressure was generally falling slowly to moderately, and on the latter date pressure became below the normal over the whole province. Hence the disturbed conditions which existed at the commencement of the week rapidly passed away with the disappearance of the depression and the establishment of high pressure, and except in or near the hills in North Bengal, rainfall practically ceased from the 1st. Towards the close of the week, however, with the falling pressures conditions became less settled than they had been, and on the 7th, or the last day of the week, rain which had probably fallen during local storms was reported at almost all the stations in North Bengal and at a few in East Bengal. During the whole of the week the fluctuations of temperature have not been very large, and on the whole temperature has been generally rising. Winds have also been fairly normal in character, being southerly at the southern stations, south-easterly in East Bengal, and easterly along the line of the hills, while at a few of the western stations westerly and south-westerly winds have been reported. Hence these winds have brought up a good deal of moisture to the province, though the number of local storms during the present week has been much smaller than in the previous week, owing to the disturbed conditions being less pronounced. Hence only East and North Bengal have received moderate rain during the week, the amounts being decidedly smaller than the normal for the period, while Assam has also received moderate to heavy rain. The other divisions of Bengal have, however, been almost rainless for the week, as only a few isolated storms have occurred in various districts.

Pressure.—The mean pressure for the week has been decidedly in excess of the normal, the excess usually ranging from 0·03″ to 0·05″. The smallest excess pressures are, however, reported from North Bengal and North Bihár, where they only average about 0·01″ to 0·02″. In Assam also the excess pressures have been comparatively small; and at Dhubri and Silchar they equal about 0·02″, while at Sibsagar even a defective pressure is recorded, but the correctness of this is doubtful.

Temperature—Has been exceptionally high during the week, and the mean temperature for the whole province has been no less than 4·2° in excess of the normal. This excess has been fairly equally distributed except in South-West Bengal, where it equals 5·4°. In Assam there has been an excess temperature of only one degree.

Rainfall.—The average rainfall in North Bengal has equalled about one and-a-half inches, or a little less than the normal fall, while in East Bengal the falls have averaged about nine-tenths of an inch, or not much more than a third of the usual amount. The falls in all other divisions have been so small that rainfall has been practically absent in them.

These falls have also been rather irregularly distributed. In North Bengal the falls have been rather abundant in the districts of Jalpaiguri and Kuch Bihar, and to a less extent in Darjeeling and Rangpur; the other districts generally have received moderate rain except Malda, which has been practically rainless. In East Bengal, Chittagong, Chittagong Hill Tracts, and Tippera have received good rain and the other districts rather small amounts, except in the case of Backergunge which has been rainless.

In Assam during the week Dhubri has received 4·61 inches, Silchar 2·41 inches, and Sibsagar 2·11 inches of rain.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 7th of May 1892:—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 1st April 1892.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	111·9	75·1	94·8	80·7	87·7	+2·6	Nil	1·07	—1 07	0·00	1·48	—1·48	Nil	1·20	0·40	2·68
South-West Bengal ...	111·4	72·4	101·9	80·5	91·2	+5·4	0·11	1·35	—1·24	0·20	1·08	—1·48	0·11	1·60	2·13	4·31
East Bengal	93·3	68·6	91·5	77·4	84·4	+4·0	0·88	2·45	—1·57	1·12	2·57	—1·45	0·88	3·10	7·50	7·28
North Bengal	102·5	70·1	94·5	76·4	85·4	+4·9	1·43	1·56	—0·13	1·44	1·92	—0·48	1·43	1·96	5·82	5·04
North Bihár	107·2	64·3	101·7	75·5	88·6	+4·2	0·02	0·79	—0·77	0·06	1·10	—1·04	0·02	0·95	0·04	2·03
South Bihár	108·9	73·8	105·0	79·1	92·1	+4·8	0·04	0·49	—0·45	0·17	0·82	—0·65	0·04	0·56	0·41	1·11
Chota Nagpur	105·6*	73·3*	101·6*	76·3*	89·0*	+3·6*	Nil	0·61	—0·61	0·00	1·07	—1·07	Nil	0·64	0·10	1·24
Assam	91·6	68·4	85·0	72·2	78 5	+1·0										

* Chaibassa not included.

METEOROLOGICAL OFFICE, BENGAL,
The 10*th May* 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of April 1892.

	Inches.	Date.	Hour.
The mean pressure of the month	29·705		
The average pressure of April from 24 years' registers ...	29·752		
The highest pressure in the month	29·927	5th	10
The lowest pressure in the month	29·465	30th	16
The range of pressure	0·462		
	Hours.		
The total number of hours of bright sunshine during the month	209·5		
The maximum possible number of hours of sunshine ...	378·9		
	°		
The mean temperature of the month	85·8		
The average temperature of April from 24 years' registers ...	84·7		
The highest temperature in the month	102·7	26th.	
The lowest temperature in the month	71·2	16th.	
The range of temperature during the month	31·5		
The mean daily range of temperature	17·0		
The greatest range of temperature in one day	25·7	30th.	
	Per cent.		
The mean humidity of the month	74		
The average humidity of April from 24 years' registers ...	69		
	Inches.		
The mean vapour tension of the month	0·899		
The average vapour tension of April from 9 years' registers ...	0·861		
The mean cloud proportion of the month	2·99		
The average cloud proportion of April from 15 years' registers ...	2·63		
The total rainfall of the month	1·65		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground)	1·60		
The average fall of April from 48 years' registers	2·81		
The greatest fall in 24 hours	0·60	16th.	
	Days.		
The number of rainy days in the month	6		
The average number of rainy days in April from 24 years' registers	8		
	°		
The mean maximum equilibrium temperature of solar radiation during the month	149·4		
The mean difference of sun and air temperatures	55·1		
The greatest sun temperature	155·5	5th & 25th.	
The greatest excess of sun over air temperature	62·9	5th.	
The mean temperature of the nocturnal radiation thermometer on woollen cloth	74·7		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground	2·8		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature	5·4	11th.	
	Miles.		
The mean movement of the wind per day	222·2		
The greatest movement of the wind in one day	395·0	23rd.	
The greatest movement of the wind in one hour	22·0	23rd noon to 1 P.M.	

The number of hours with winds from each of the 8 points—

N. 0, N.E. 5, E. 12, S.E. 67, S. 390, S.W. 239, W. 3, N.W. 2, Calm 2.

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park Street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore ·003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 0·2° lower; and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0·6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

J. H. GILLILAND,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 9th May 1892.

Abstract of the Results of the Barometric and Thermometric Observations taken at 10 a.m. at the Meteorological Office, Chowringhee, in the month of April 1892.

		Inches.	Date.
The mean pressure at 10 A.M. during the month	... ...	29·772	
The mean temperature at 10 A.M. during the month	... ...	90·2 (°)	
The highest temperature during the month	... ...	105·0	25th & 26th.
The lowest temperature during the month	... ...	71·8	16th.
The absolute range of temperature during the month	... ...	33·2	
The mean daily range of temperature during the month	...	18·8	
The greatest range of temperature in one day during the month	...	25·4	30th.
The mean 10 A.M. humidity during the month	... ...	67 (%)	
The mean 10 A.M. vapour tension during the month	... ...	·947 (Inch.)	
The total rainfall of the month	... ...	2·04	
The greatest fall in 24 hours	... ...	0·63	16th.
The number of rainy days in the month	... ...	5	

J. H. GILLILAND,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;

The 9th May 1892.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 1st to 7th May 1892.

MONTH.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	TEMPERATURE. Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	HYGROMETRY. Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	Rainfall past 24 hours.
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
May ...	1st ...	29·723	90·4	98·5	16·2	82·3	92·6	87·6	1·242	85·9	81	...
,, ...	2nd ...	·816	90·3	100·0	19·4	80·6	92·6	83·5	1·036	80·0	67	...
,, ...	3rd ...	·860	89·3	98·8	19·0	79·8	92·6	81·5	·927	76·9	61	...
,, ...	4th ...	·820	90·4	100·0	19·2	80·8	93·1	79·5	·825	73·5	53	...
,, ...	5th ...	·846	89·7	99·0	18·7	80·3	93·4	81·5	·915	76·6	58	...
,, ...	6th ...	·828	89·6	98·4	17·6	80·8	93·4	81·5	·914	76·5	58	...
,, ...	7th ...	·753	89·0	97·0	16·0	81·0	92·6	81·5	·927	76·9	61	...

The mean 10 A.M. pressure of the seven days	... ...	29·807 (Inches.)
The mean temperature of the seven days	... ...	89·8 (°)
The extreme variation of temperature	... ...	20·2
The maximum temperature	... ...	100·0
The mean 10 A.M. relative humidity of the seven days	... ...	63 (%)
The total fall of rain from 1st to 7th May 1892	.. ...	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

J. H. GILLILAND,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;

The 9th May 1892.

Results of the Meteorological Observations taken at the Alipore Observatory from 1st to 7th May 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Maximum.	Range.	Minimum.	Hygrometry. Mean wet bulb.	Vapour tension	Dew point.	Humidity.	Wind. Prevailing direction.	Miles recorded.	Rain.	Weather.
		°		Inches.	°	°	°		°	Inches	°	%			Inches.	
May	1st	150·0	8·8	29·635	88·4	96·1	15·0	81·4	81·8	1·000	79·2	76	SSW ...	188	Nil	Chiefly clear.
,,	2nd	152·4	9·3	·765	88·0	97·5	17·4	80·1	81·3	0·981	78·6	75	SSW ...	157	,,	Chiefly clear.
,,	3rd	150·3	10·4	·787	88·0	96·6	17·9	78·7	80·5	·940	77·3	73	S by W and SSW	151	,,	Chiefly clear.
,,	4th	151·3	9·7	·751	88·2	97·9	18·2	79·7	79·4	·885	75·5	68	SW, SSW, and variable.	165	,,	Clear.
,,	5th	150·4	9·5	·776	88·4	96·8	15·8	81·0	80·3	·926	76·9	70	SSW ...	187	,,	Chiefly clear.
,,	6th	152·6	10·0	·751	87·5	95·6	15·0	80·6	78·4	·850	71·3	65	SSW ...	239	,,	Partially cloudy.
,,	7th	149·8	8·3	·692	86·1	93·7	12·5	81·2	78·3	·865	71·9	69	SSW and variable	245	,,	Partially cloudy.

	Inches.
The mean pressure of the seven days	29·740
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·700
	Hours.
The total number of hours of bright sunshine	66·0
The maximum possible number of hours of sunshine	90·9
	°
The mean temperature of the seven days	87·8
The average temperature of the corresponding period for 24 years, S.-G.'s Office	85·3
The extreme variation of temperature	19·2
The maximum temperature	97·9
	Miles.
The highest velocity of the wind in one hour	17
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	71
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	73
	Inches.
The total fall of rain from 1st to 7th May 1892	Nil
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·86
The total fall from 1st January to 7th May 1892	1·69
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	5·68

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

J. H. GILLILAND,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;

Calcutta, the 9th May 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 16th April 1892.

1	2	3			4			5			6	7							8							9	10		11		12
		POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.				Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
DISTRICTS.	NAMES OF MUNICIPALITIES.	Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan	Burdwan ...	18,063	16,017	34,080	9	11	*20*	13·7	16·8	*30·5*	81	5	12	17	3	...	4	*41*	7·6	18·3	25·9	4·6	...	6·1	*62·6*	62·6	26	15	74·8	48·7	153
	Raniganj ...	6,346	4,691	10,937	9	3	*12*	42·8	14·2	*57·1*	300	10	...	7	...	...	3	*20*	47·5	...	33·3	...	...	14·2	*95·1*	114·1	12	8	90·9	88·7	113
Bankura ...	Bankura ...	8,970	8,925	17,895	10	8	*18*	29·0	23·2	*52·3*	125	7	...	4	3	1	11	*26*	20·3	...	11·6	8·7	2·9	32·0	*75·6*	104·6	12	14	69·6	81·6	85
Birbhum ..	Suri ...	3,982	3,866	7,848	1	...	*1*	6·6	...	*6·6*	No female birth.	...	...	8	..	...	1	*9*	...	..	53·0	...	...	6·6	*59·6*	46·4	8	1	104·5	13·5	774
Midnapore ...	Midnapore ...	16,927	16,633	33,560	12	9	*21*	18·6	13·9	*32·5*	133	10	...	14	1	...	5	*30*	15·5	...	21·7	1·5	...	7·7	*46·5*	58·9	15	15	46·1	46·9	98
Hooghly, including Serampore.	Hooghly and Chinsura.	15,858	15,829	31,687	12	9	*21*	19·7	14·8	*34·5*	133	17	...	17	4	1	3	*42*	27·9	...	27·9	6·6	1·6	4·9	*68·9*	85·3	23	19	75·4	62·4	120
	Serampore ...	13,559	12,937	26,496	9	8	*17*	17·7	15·7	*33·4*	112	22	...	11	6	2	4	*45*	43·2	...	21·6	11·8	3·9	7·8	*88·3*	90·3	30	15	115·1	60·3	190
	Utterpara ...	3,046	2,464	5,510	1	1	*2*	9·4	9·4	*18·9*	100	1	..	...	1	...	...	*2*	9·4	...	...	9·4	...	...	*18·9*	28·3	1	1	17·1	21·1	81
Howrah ...	Howrah ...	53,153	37,660	90,813	26	22	*48*	14·9	12·6	*27·5*	118	51	...	21	6	...	12	*90*	29·2	...	12·0	3·4	...	6·9	*51·5*	46·4	52	38	50·9	52·5	97
	Bally ...	7,836	6,979	14,815	4	3	*7*	14·0	10·5	*24·6*	133	1	.	1	2	...	3	*7*	3·5	...	3·5	7·0	..	10·5	*24·6*	42·1	4	3	26·5	22·4	118
24-Parganas	Cossipore-Chitpur	16,080	10,214	26,294	4	6	*10*	7·9	11·8	*19·8*	66	6	...	7	3	...	...	*16*	11·6	...	13·8	5·9	...	...	*31·6*	9·9	8	8	25·9	40·9	63
	Manicktolla ...	16,536	12,112	28,648	2	1	*3*	3·6	1·8	*5·4*	200	18	...	4	1	...	...	*23*	32·6	...	7·3	1·8	...	...	*41·7*	...	8	15	25·2	64·4	39
	Baranagore ...	15,920	14,062	29,982	8	6	*14*	13·9	10·4	*24·3*	133	13	...	12	1	...	4	*30*	22·5	...	20·8	1·7	...	6·9	*52·0*	59·0	21	9	68·5	33·2	306
	South Suburban	26,400	25,258	51,658	9	6	*15*	9·0	6·0	*15·1*	150	1	...	7	...	...	...	*8*	1·0		7·0	...	...	...	*8·0*	24·2	7	1	13·8	2·1	657
Nadia ...	Krishnagar ...	13,263	14,214	27,477	8	8	*16*	15·1	15·1	*30·3*	100	1	...	11	1	...	4	*17*	1·9	...	20·8	1·9	...	7·6	*32·2*	28·4	10	7	39·2	25·6	153
	Ranaghat ...	4,028	4,655	8,683	5	...	*5*	29·9	...	*29·9*	No female birth.	3	...	3	...	...	2	*8*	17·9	...	17·9	...	...	12·0	*47·9*	24·0	6	2	77·5	22·3	347
	Santipur ...	13,708	15,979	29,687	18	6	*24*	31·5	10·5	*42·0*	300	...	..	13	...	...	1	*14*	...	...	22·8	...	...	1·7	*24·5*	14·0	9	5	34·1	16·3	209
Jessore ...	Jessore ...	4,830	3,665	8,495	5	1	*6*	30·6	6·1	*36·7*	500	6	...	2	2	...	...	*10*	36·7	...	12·2	12·2	...	...	*61·2*	79·6	9	1	96·9	14·2	682
Murshidabad	Berhampore ...	11,657	11,948	23,605	4	2	*6*	8·8	4·4	*13·2*	200	23	...	9	1	...	2	*35*	50·7	...	19·8	2·2	...	4·4	*77·1*	99·1	25	10	111·5	43·5	256
	City Murshidabad	18,901	20,330	39,231	5	6	*11*	6·6	7·9	*14·6*	83	6	...	22	...	...	1	*29*	7·9	...	29·2	...	...	1·3	*38·4*	50·4	20	9	55·0	23·0	239
Khulna ...	Khulna ...	3,249	3,043	6,292	...	6	*6*	...	49·6	*49·6*	No male birth.	4	...	1	...	...	...	*5*	33·0	...	8·2	...	...	...	*41·3*	41·3	4	1	64·0	17.1	374
Dinajpur ...	Dinajpur ...	7,254	5,306	12,560	4	3	*7*	10·6	12·4	*29·0*	133	...	...	9	...	...	...	*9*	...	...	37·3	...	...	...	*37·3*	124·2	4	5	28·7	49·0	58

Rajshahi ...	Rampur Boalia ...	10,766	9,025	19,791	7	5	12	13·4	13·1	31·5	140	3	...	21	...	...	...	24	7·9	...	55·8	...	...	...	63·1	65·7	16	8	77·3	46·1	167
Rangpur ...	Rangpur ...	8,011	5,309	13,320	5	1	6	19·5	3·9	23·4	500	...	...	14	...	...	...	14	...	...	54·7	...	...	...	54·7	27·3	8	6	51·9	58·8	88
Bogra ...	Bogra ...	3,480	2,699	6,179	...	1	1	...	3·4	3·4	No male birth.	...	...	3	...	...	...	3	...	...	25·2	...	...	...	25·2	42·1	2	1	29·9	19·3	155
Pabna ...	Pabna ...	7,701	7,566	15,267	6	3	9	20·4	10·2	30·7	200	...	...	9	...	...	2	11	...	...	30·7	...	...	6·8	37·5	64·7	6	5	40·5	34·4	117
	Sirajganj ...	11,213	9,824	21,037	4	7	11	9·9	17·3	27·2	57	...	...	6	..	...	1	7	...	...	14·8	...	...	2·5	17·3	22·2	6	1	27·8	5·3	524
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	2	1	3	14·8	7·4	22·2	200	...	...	...	..	...	2	2	...	...	...	...	...	14·8	14·8	14·8	1	1	11·4	21·3	53
Jalpaiguri ...	Jalpaiguri ...	4,972	2,975	7,947	...	1	1	...	6·5	6·5	No male birth.	...	...	4	...	...	...	4	...	...	26·2	...	...	...	26·2	32·7	3	1	31·4	17·5	179
Dacca ...	Dacca ...	42,782	37,379	80,161	12	21	33	7·8	13·6	21·4	57	...	42	3	5	...	7	87	...	27·2	21·4	3·2	...	4·5	56·4	64·2	45	42	54·7	58·4	93
	Narainganj ...	7,605	4,956	12,561	3	7	10	12·4	29·0	41·4	43	...	...	2	...	...	1	3	...	...	8·3	...	...	4·1	12·4	111·8	1	2	6·8	21·0	32
Faridpur ...	Faridpur ...	5,663	4,600	10,263	3	2	5	15·2	10·1	25·3	150	9	...	8	...	...	1	18	45·6	.	40·5	...	...	5·0	91·2	121·6	12	6	110·2	67·8	163
Backergunge ...	Barisal ...	8,701	4,485	13,186	5	3	8	19·7	11·8	31·5	166	19	...	6	1	1	1	28	74·9	...	23·7	8·9	3·9	3·9	110·4	31·5	22	6	131·5	69·6	159
Mymensingh ...	Nasirabad ...	10,443	4,413	14,856	1	1	2	3·5	3·5	7·0	100	...	1	2	2	...	...	5	...	3·5	7·0	7·0	...	...	17·5	7·0	5	...	24·9	...	No female death.
Chittagong ...	Chittagong ...	13,340	8,790	22,130	3	12	15	7·0	28·2	35·2	25	10	...	7	...	...	2	19	23·5	...	16·4	...	...	4·7	44·6	51·7	11	8	42·9	47·3	90
Noakhali ...	Sudharam ...	3,410	1,714	5,124	1	1	2	10·1	10·1	20·2	100	2	...	6	...	...	2	10	20·2	..	60·9	...	...	20·2	101·5	40·6	5	5	76·2	151·7	50
Tippera ...	Comilla ...	8,153	5,353	13,506	6	7	13	23·1	27·0	50·1	85	1	..	3	...	...	3	7	3·8	...	11·6	...	...	11·6	27·0	23·1	2	5	12·8	48·6	26
Patna ...	Patna City ...	78,762	81,475	160,237	30	23	53	9·7	7·5	17·2	130	15	...	55	13	...	26	109	4·9	...	17·8	4·2	...	8·4	35·4	36·7	63	46	41·6	29·4	141
	Bihár ...	23,799	25,172	48,971	14	7	21	14·3	7·4	22·3	200	...	3	18	1	1	4	27	...	3·2	19·1	1·1	1·1	4·2	28·7	39·3	11	16	24·0	33·1	72
	Dinapore ...	25,424	26,801	52,225	5	8	13	5·0	7·9	12·9	62	...	...	6	...	...	5	11	...	...	5·9	...	...	5·0	10·9	11·9	7	4	14·3	7·8	183
Gaya ...	Gaya ...	38,290	37,831	76,121	15	12	27	10·2	8·2	18·4	125	36	...	40	7	...	12	104	24·6	...	33·4	4·8	...	8·2	71·0	77·9	66	38	89·6	52·2	171
Shahabad ...	Arrah ...	20,960	22,505	43,465	18	10	28	21·5	12·0	33·5	180	...	1	26	...	...	5	32	...	1·2	31·1	...	...	6·0	38·3	39·5	17	15	42·2	34·7	121
	Buxar ...	9,299	8,369	17,668	7	2	9	20·6	5·9	26·5	350	2	.	11	...	...	2	15	5·9	..	32·3	...	...	5·9	44·1	44·1	8	7	44·7	43·5	102
Muzaffarpur ...	Muzaffarpur ...	23,084	19,658	42,742	13	15	28	15·8	18·2	34·1	86	1	...	28	2	...	7	38	1·2	...	34·1	2·4	...	8·5	46·2	38·9	17	21	38·3	53·5	69
Darbhanga ...	Darbhanga ...	33,774	32,322	66,096	21	25	46	16·5	19·7	36·2	84	7	..	20	7	...	16	59	5·5	..	22·8	5·5	...	12·6	46·4	44·1	36	23	55·4	37·0	149
Saran ...	Chapra ...	25,116	26,554	51,670	12	12	24	12·1	12·1	24·2	100	...	...	10	3	...	8	21	...	..	10·1	3·0	...	8·0	21·1	27·2	19	11	20·7	21·5	96
Champaran ...	Motihari ...	6,328	3,979	10,307	1	3	4	5·0	15·1	20·2	33	12	...	5	2	2	1	22	60·5	...	25·2	10·1	10·1	5·0	111·0	70·6	12	10	96·6	130·7	75
Monghyr ...	Monghyr ...	28,154	29,366	57,520	17	11	28	15·4	9·9	25·3	154	...		25	...	1	14	40	...	...	22·6	...	·9	12·7	36·2	42·5	28	12	51·7	21·2	243
	Jamálpur ...	7,456	6,107	13,563	6	4	10	23·0	15·3	38·3	150	...	...	10	...	...	...	10	...	...	38·3	...	...	...	38·3	49·8	4	6	27·9	51·1	54
Bhágalpur ...	Bhagalpur ...	34,916	33,322	68,238	36	17	53	27·4	13·0	40·4	211	...	...	49	8	1	2	60	...	...	37·3	6·1	·8	1·5	45·7	45·7	27	33	40·2	51·5	78
Purnea ...	Purnea ...	8,463	6,553	15,016	5	5	10	17·3	17·3	34·6	100	...	1	8	...	...	1	10	...	3·4	27·7	...	..	3·4	34·6	35·1	4	6	24·6	47·6	52
Malda ...	English Bazar ...	6,289	6,141	12,430	3	3	6	12·5	12·5	25·1	100	...	...	8	...	...	1	9	...	...	33·4	..	...	4·2	37·7	41·8	6	3	49·6	25·4	105
Sonthal Parganas.	Deoghur ...	4,964	3,041	8,005	3	1	4	19·5	6·5	26·0	300	6	...	4	1	...	...	11	39·0	...	26·0	6·5	...	..	71·5	130·4	7	4	73·3	68·4	107
Cuttack ...	Cuttack ...	22,632	20,607	43,239	11	4	15	13·2	4·8	18·0	275	6	2	4	2	...	8	22	7·2	2·4	4·8	2·4	...	9·6	26·5	28·9	12	10	27·6	25·2	109
Puri ...	Puri ...	13,247	11,537	24,784	4	7	11	8·4	14·7	23·1	57	7	..	3	5	...	4	19	14·7	..	6·3	10·5	...	8·4	39·9	50·4	11	8	43·2	36·1	119
Balasore ...	Balasore ...	10,282	9,983	20,265	12	11	23	30·8	28·2	59·0	109	29	.	1	...	...	2	32	74·4	...	2·6	.	...	5·1	82·1	77·0	18	14	91·0	72·9	124
Hazáribágh ...	Hazáribágh ...	7,639	7,667	15,306	7	5	12	23·8	17·0	40·8	140	...	...	8	..	...	1	9	...	...	27·2	...	...	3·4	30·6	40·8	6	3	40·8	20·3	200
Lohardaga ...	Ranchi ...	10,101	8,342	18,443	4	8	12	11·3	22·5	33·8	50	1	...	4	1	1	...	7	2·8	...	11·3	2·8	2·8	...	19·7	30·8	3	4	15·4	24·9	61
Singbhum ...	Chaibassa ...	3,126	2,880	6,006	2	2	4	17·3	17·3	34·6	100	...	...	2	2	...	...	4	...	...	17·3	17·3	...	...	34·6	17·3	2	2	33·3	36·1	92
Manbhum ...	Purulia ...	5,060	4,244	9,304	4	6	10	22·3	33·5	55·9	66	1	..	2	2	...	3	8	5·6	...	11·1	11·1	...	16·7	44·7	67·1	4	4	41·1	49·0	82
	Total ...	897,450	812,770	1,710,220	473	399	872	14·4	12·1	26·5	118	372	62	689	99	11	204	1,437	11·3	1·9	20·9	3·0	·3	6·2	43·7	47·5	838	599	48·6	38·3	127

DISTRICTS.	NAMES OF MUNICIPALITIES.	13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
		Deaths among—					Ratio per 1,000 of population per annum.					Deaths.										Ratio per 1,000 of population per annum.									
		Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	23	18	...	...	...	50·5	91·2	...	...	2	1	4	2	5	7	5	8	2	5	157·6	23·0	89·2	41·3	53·2	45·0	57·7	94·2	42·4	175·4
	Raniganj	...	18	2	...	...	...	104·9	56·5	...	...	4	..	1	...	1	6	4	1	...	3	685·1	...	45·9	...	63·6	129·7	96·8	41·6	...	374·1
Bankura ...	Bankura	...	26	...	...	...	...	79·6	...	..	...	5	2	3	2	3	2	4	...	...	5	549·7	54·4	60·1	57·3	98·9	31·6	78·8	...	...	261·8
Birbhum ...	Suri	...	9	.	...	...	...	60·2	..	...	...	2	1	2	1	...	1	1	1	...	...	597·7	83·3	124·8	59·9	...	36·8	42·0	59·0	...	...
Midnapore ...	Midnapore ...	...	21	8	...	1	...	42·1	57·6	...	281·1	4	5	2	3	2	4	3	2	2	3	279·9	110·5	27·7	51·3	32·9	28·3	28·1	27·9	50·4	87·2
Hooghly, including Serampore.	Hooghly and Chinsura.	1	33	6	...	...	226·1	67·9	67·5	..	...	3	1	3	2	3	10	9	1	5	5	194·3	23·4	54·1	41·9	62·2	83·8	82·0	12·5	104·1	125·4
	Serampore	...	42	3	...	...	...	86·5	166·3	...	..	4	2	2	...	5	8	7	2	9	6	203·0	57·6	41·4	...	119·1	77·2	73·2	30·8	244·4	224·3
	Utterpara	...	2	...	...	...	...	19·5	..	...	...	...	...	...	...	...	2	..	...	...	...	...	...	...	...	...	95·4	...	...	...	...
Howrah ...	Howrah	...	62	27	...	1	...	47·3	68·4	..	215·8	9	9	6	9	8	14	14	12	5	4	226·9	84·5	49·6	71·1	53·8	32·1	37·8	53·1	47·4	55·5
	Bally	...	6	1	...	...	...	23·3	39·7	...	...	2	1	1	...	..	2	...	1	...	...	247·3	52·1	48·8	...	...	31·1	...	26·9	...	...
24-Parganas	Cossipore-Chitpur	...	11	5	...	...	...	31·3	33·0	...	...	2	3	2	...	...	3	1	1	2	2	217·6	176·9	132·7	...	...	16·4	8·1	20·8	106·9	222·2
	Manicktola ...	...	14	9	...	...	..	45·5	40·8	..	.	.	2	6	.	3	1	2	..	4	5	...	739·1	1,925·9	...	82·0	6·4	12·8	..	128·1	274·6
	Baranagore ..	...	29	1	...	...	...	58·6	12·5	...	...	5	4	1	1	5	6	3	3	1	1	384·1	101·3	20·3	22·2	113·6	48·7	26·7	37·8	25·1	159·9
	South Suburban	...	5	3	...	...	...	8·2	6·0	...	...	2	...	1	2	...	2	1	..	...	..	78·4	...	10·2	21·8	...	10·2	6·0	...	..	...
Nadia ...	Krishnagar ...	...	11	6	...	...	...	39·7	37·7	...	...	3	2	1	...	...	3	4	2	1	1	314·5	42·2	15·1	...	...	32·4	48·6	31·9	24·7	30·1
	Ranaghat	...	7	1	...	...	...	49·7	38·1	...	...	1	1	1	2	...	...	1	...	1	1	251·2	65·4	45·6	119·8	...	...	41·7	...	71·8	91·4
	Santipur ...	...	12	2	...	...	...	50·1	11·6	...	...	6	1	...	...	..	...	2	1	2	2	369·2	17·0	...	...	..	...	24·0	14·8	45·2	53·0
Jessore ...	Jessore	...	6	4	...	...	...	69·2	54·4	...	...	1	...	1	1	2	..	2	2	..	1	266·0	..	65·6	75·2	142·1	...	68·0	99·0	...	113·5
Murshidabad.	Berhampore ...	...	26	9	...	...	...	74·4	90·2	...	...	3	6	2	2	...	11	...	6	3	2	413·8	135·7	49·2	54·7	...	128·4	...	90·5	83·0	65·1
	City Murshidabad	...	18	11	...	...	...	41·2	36·2	...	...	2	3	1	1	1	5	4	3	3	6	130·3	63·4	15·1	18·0	20·1	35·5	28·6	26·7	43·9	100·8
Khulna ...	Khulna	...	3	2	...	...	..	48·9	34·1	...	...	...	.	1	1	...	...	...	2	1	..	...	...	65·4	71·9	...	...	...	159·5	115·0	...
Dinajpur ...	Dinajpur	...	4	5	...	...	...	34·3	46·6	...	...	2	...	...	1	...	2	...	2	...	2	504·9	...	...	52·0	...	36·8	...	66·3	..	162·8
Rajshahi ...	Rampur Boalia ...	...	11	13	...	...	...	57·7	68·9	...	...	3	5	1	...	3	1	5	1	2	3	384·2	183·4	25·0	...	93·2	12·5	72·1	21·2	83·8	168·0
Rangpur ...	Rangpur	...	10	4	...	...	...	60·3	31·3	...	...	4	...	4	1	2	1	2	...	...	...	692·7	...	165·3	47·0	96·7	16·4	37·8	...	..	...
Bogra ...	Bogra	...	2	1	...	...	...	39·0	15·0	...	...	1	...	...	...	...	1	1	...	...	...	379·6	...	...	...	...	39·4	48·6	...	...	...

Pabna ...	Pabna ...	...	...		8	...	...	...	21·9	51·3	...	...	6		...	...	...	...	...	2	...	...	785·9	107·0	...	...	...	...	...	61·0	...	...
	Sirajganj	...	...	4	3	...	...	...	24·3	12·7	...	...	1	2	.	...	...	1	...	1	1	1	96·5	43·5	...	...	...	14·1	...	23·2	41·6	44·6
Darjeeling ...	Darjeeling	...	...	1	...	1	...	...	11·3	...	31·5	...	1	...	1	...	...	...	...	...	...	...	429·8	...	88·9	...	...	...	...	...	...	...
Jalpaiguri ...	Jalpaiguri	...	...	2	2	...	...	...	24·5	28·5	...	...	...	2	...	...	1	...	...	...	...	1	...	141·1	...	...	82·0	...	...	...	...	165·1
Dacca ...	Dacca ...	...	..	42	45	...	...	...	54·2	59·5	...	...	21	21	9	4	4	11	4	7	2	4	575·3	148·1	47·2	26·2	28·5	37·3	17·8	43·4	22·0	37·3
	Narainganj	...	...	1	2	...	...	...	8·2	10·9	...	...	...	...	1	...	1	1	...	...	...	...	...	...	33·4	...	49·8	19·5	...	...	...	...
Faridpur ...	Faridpur	...	...	8	10	...	...	...	77·8	107·1	...	..	3	4	3	3	1	...	3	...	...	1	666·7	166·8	155·7	151·7	72·7	...	106·8	...	...	70·2
Backergunge...	Barisál ...	...	...	19	9	...	..	..	163·5	[illegible]	...	...	2	1	3	3	1	5	6	1	2	4	530·6	61·1	143·9	137·1	41·1	82·1	125·1	34·2	116·6	366·8
Mymensingh ...	Nasirabad	...	...	4	1	...	..	...	27·1	7·3	...	...	...	...	..	...	...	1	2	1	1	...	...	...	...	...	...	14·3	35·7	29·5	56·4	...
Chittagong ...	Chittagong	...	...	...	19	...	..	.	...	64·6	..	...	5	4	4	2	...	2	...	...	1	1	461·8	105·7	83·3	40·4	...	22·5	...	...	47·9	65·3
Noakhali ...	Sudharam	...	...	4	6	...	...	...	81·3	120·4	...	...	1	1	2	...	1	1	1	1	...	2	608·7	146·1	212·2	...	84·1	44·4	69·6	101·8	...	525·3
Tippera ...	Comilla ...	...	...	1	6	...	..	.	8·7	42·2	...	...	2	2	...	...	...	...	2	1	...	...	350·2	79·5	...	...	...	...	52·2	39·6	...	...
Patna ...	Patna City	...	..	97	12	...	...	...	42·4	15·3	...	.	20	17	6	6	10	7	6	12	8	17	241·3	60·6	18·5	21·7	46·6	12·6	13·4	33·1	29·4	64·0
	Bihár ...	...	...	23	4	...	...	..	35·5	13·6	...	...	5	7	4	1	2	1	1	...	3	3	175·1	62·9	34·4	10·6	34·8	6·1	7·4	...	43·1	43·4
	Dinapore ...	...	..	10	1	...	..	.	13·5	4·4	...	..	6	...	...	...	...	1	1	1	1	1	228·2	...	...	...	...	5·7	6·9	9·2	13·7	12·7
Gaya ...	Gaya ...	...	...	82	22	...	...	..	71·0	71·2	.	...	16	5	9	6	2	12	8	11	10	25	464·8	40·9	66·9	46·4	19·9	42·4	32·7	58·5	79·1	252·6
Shahabad ...	Arrah ...	...	...	22	10	...	..	...	[illegible]	41·9	..	...	8	5	1	1	...	7	..	3	1	7	323·0	55·7	10·1	11·8	...	46·3	...	22·2	18·8	126·2
	Buxar ...	...	...	11	4	...	..	...	[illegible]	37·9	..	...	2	1	...	...	...	1	3	2	2	4	250·6	35·2	...	...	...	16·3	51·3	49·0	94·5	192·2
Muzaffarpur ...	Muzaffarpur	...	..	29	9	...	...	...	50·2	37·5	...	...	11	5	2	3	1	2	3	2	1	8	599·0	64·3	23·1	39·4	17·2	13·1	22·4	20·8	16·0	170·9
Darbhanga ...	Darbhanga	...	...	41	13	...	...	...	44·0	53·3	...	...	14	9	6	2	4	4	4	4	3	9	467·6	61·5	39·9	18·7	51·7	15·6	18·6	27·9	33·6	146·5
Saran ...	Chapra ...	...	..	18	3	...	...	..	23·7	13·1	...	..	5	3	...	1	...	1	5	2	4	...	154·3	31·2	...	10·4	...	5·6	33·4	17·1	50·3	...
Champaran ...	Motihari ...	...	1	20	1	..	...	3,714·3	153·3	18·8	..	..	2	7	...		2	5	2	1	1	2	750·1	370·7	...	...	155·9	128·9	70·2	48·5	55·7	171·3
Monghyr ...	Monghyr ...	..	..	33	7	...	.	..	[illegible]	[illegible]		...	8	11	1	1	2	3	1	4	2	7	280·1	91·9	7·4	9·1	27·5	15·1	5·8	32·6	26·2	101·5
	Jamálpur	...	..	8	2	...	...	...	42·1	33·5	...	...	2	3	...	1	...	1	1	...	...	2	293·0	102·4	...	44·2	...	18·5	21·6	...	...	155·9
Bhágalpur ...	Bhágalpur	..	...	46	14	.	...	...	45·9	38·6	...	...	8	12	6	...	1	8	6	8	6	5	289·9	96·2	44·2	...	10·5	31·9	28·4	54·5	61·5	60·4
Purnea ..	Purnea ...	...		8	2	...	..	...	15·3	13·4	...	...	3	1	..	....	...	...	...	2	3	1	551·2	43·0	...	...	...	...	...	56·1	166·5	64·4
Malda ..	English Bazar	...	...	5	4	..	..	..	35·8	40·4	...	...	2	1	..	1	...	...	1	2	...	2	352·5	54·6	...	42·1	...	...	24·2	70·7	...	147·9
Sonthal Parganas.	Deoghur ...	...	...	9	2	..	..	...	60·7	350·2	...	...	...	1	...	1	...	...	4	2	1	2	...	90·4	...	8·24	...	...	129·6	111·0	101·2	272·3
Cuttack ...	Cuttack ...	..	1	16	5	...	...	28·1	24·7	33·7	...	...	7	3	1	2	...	1	3	1	...	4	354·8	41·7	10·5	25·6	...	6·0	25·5	11·5	...	70·5
Puri ...	Puri ...	..	...	19	...	..	...	...	40·3	...	..	..	2	1	..	...	...	2	2	4	3	5	343·2	28·9	...	...	...	19·7	25·7	62·6	69·9	144·0
Balasore ...	Balasore ...	...	...	30	2	..	...	.	[illegible]	33·9	...	...	...	3	3	4	5	1	7	4	2	3	...	83·6	61·0	107·9	152·0	12·7	124·5	93·6	81·2	134·7
Hazáribágh ...	Hazáribágh	..	...	6	3	...	..	.	28·4	37·9	...	...	4	1	1	...	...	1	...	...	2	...	427·1	28·6	25·9	...	...	20·0	...	...	97·9	...
Lohardaga ...	Ranchi ...	..	..	5	.	...	4	...	10·9	...	...	58·2	...	.	2	1	1	1	1	..	1	.	...	...	47·0	25·7	37·4	13·6	16·9	...	53·0	...
Singhbhum ...	Chaibassa ...	.	1	2	1	..	...	181·5	20·3	65·8	..	...	1	...	...	1	1	1	...	...	...	...	321·0	...	...	62·9	145·7	43·7	...	...	...	...
Manbhum ...	Purulia ...		..	8	.	...	..	.	53·4		..	...	2	...	1	1	1	2	1	..	...	...	587·6	...	47·1	58·0	62·7	52·1	30·7	...	...	...
	TOTAL .		4	1,646	380	1	6	131	45·6	40·0	25·2	65·3	240	185	112	76	84	176	153	129	104	178	313·8	64·9	33·0	25·5	33·7	26·5	27·6	33·5	44·9	89·7

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 10th May 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.,*

Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1891-92.

Areas leased for irrigation up to end of March 1892.

Circle.	District.	Canal.	Estimated full discharge.	Average discharge in month.	Discharge utilised.	Approximate area of land irrigated during the year up to the end of the month.	Approximate area of land under irrigation up to the same date last year.	Details of areas leased. Five years, all crops.	Five years, kharif.	Annual leases. Kharif.	Rabi.	Sugarcane.	Bhadoi.	Hot-weather.	Total.	Grand Total.	Rainfall, 1891-92. During month.	Up to end of month.	Rainfall, 1890-91. During month.	Up to end of month.	Remarks.
			C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	Inches.	Inches.	
Orissa	Cuttack	Taldunda, 1st reach	1,342	142	1	10,537	10,584	......	10,590	......	273	21	......	......	294	10,884	0·05	77·05	8·20	78·93	
		Ditto, 2nd "	566	118																	
		Machgong	776	24	1	33,358	27,342	......	30,899	2,439	63	4	......	......	2,506	33,405	....	62·84 52·23	6·31 6·24	64·59 74·99	
		Kendrapara	1,067	290	186·68	48,046	52,791	......	51,990	......	3,330	50	......	......	3,380	55,370	0·01	48·99	4·29	58·10	
		Gobri	372·82	50·00	23·26	3,063	5,059	......	3,312	......	74	......	......	......	74	3,386	......	73·33	3·54	59·22	
		Do. Extension	648	26·12	6·37	3,633	4,068	......	3,418	......	20	......	......	......	20	3,438	No	gauge.	No	gauge.	
		Pattamoondi	865	74·87	48·75	13,580	12,645	......	12,785	......	44	......	......	......	44	12,829	No	gauge.			
		High Level, Range I	608	204	14	21,410	20,611	......	22,074	......	17	11	......	......	28	22,102	......	42·84	1·90	46·50	
		Ditto, ditto II	726·16	......	......	2,759	2,526	......	2,529	......	62	......	......	......	62	2,591	No	gauge.	No	gauge.	
		Jajepore Canal	700	......	......	1,363	......	......	662	5	......	......	......	......	5	667	No	gauge.	......	......	
	Balasore	High Level, Range III	726·16	......	......	37,330	36,508	......	40,785	......	1	207	......	......	208	40,993	......	62·00	4·21	49·58	
		Total	......	......	......	175,082	172,134	......	179,044	2,444	3,884	293	......	......	6,621	185,665	......	......	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	......	179,856	......	4,282	280	......	......	4,562	184,418	......	......	......	......	
South-Western	Midnapore	Midnapore	1,411	84	......	76,673	75,861	......	77,631	......	......	......	......	......	......	77,631	......	55·09	7·93	57·98	Whole month discharging.
		Panchkoora	522	5	......	5,258	4,615	......	5,998	......	68	......	......	......	68	5,966	......	41·60	4·67	55·84	Twelve days discharging.
	Howrah	Tidal Reaches, Ranges I-II	......	......	......	375	363	......	376	......	......	......	......	......	......	376	......	......	......	......	
		Total	......	......	......	82,306	80,839	......	83,905	......	68	......	......	......	68	83,973	0·00	96·69	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	......	81,926	47	......	......	......	......	47	81,973	12·60	113·82	......	......	
Sone	Shahabad	Western Main	4,342	1,339	99	56,457	18,259	14,400	......	1,204	35.313	100	3	155	36,775	51,175	......	20·19	1·32	53·04	
		Buxar	1,226	258	152	127,792	60,978	57,920	......	3,314	61,716	74	38	2,779	67,981	125,841					
		Arrah	2,000	774	664	175,611	141,227	109,204	......	13,607	25,041	578	169	6,954	46,349	155,553	......	25·33	2·75	67·72	
	Patna and Gaya.	Eastern Main	1,466	427	365	2,560	1,639	1,258	......	457	737	8	1	......	1,203	2,461	......	35·79	3·13	64·97	
		Patna				85,079	62,081	52,005	......	18,849	12,669	275	311	......	32,104	84,109					
		Total	......	......	......	447,499	284,184	234,787	......	37,431	135,476	1,035	522	9,888	184,352	419,139	......	......	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	223,440	......	28,504	16,767	3,961	300	8,444	57,978	281,416	......	......	......	......	
		Grand Total	......	......	......	704,887	537,157	234,787	262,949	39,875	139,428	1,328	522	9,888	191,041	688,777	......	......	......	......	
		Grand Total of the corresponding period of last year	......	......	......	......	......	223,440	261,782	28,551	21,040	4,241	300	8,444	62,585	547,907	......	......	......	......	

CALCUTTA,
The 19th May 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 7th May 1892, *as compared with the corresponding week of the previous year.*

Nature of Cargo.	Week ending Saturday, the 7th May 1892.			Week ending Saturday, the 9th May 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	171	41,640	597	225	42,805	590
Jute	11	4,200	41	8	5,000	60
Firewood	76	37,625	569	32	11,225	158
Other articles	753	2,23,255	3,371	559	1,17,290	1,488
Total ...	1,011	3,06,720	4,578	824	1,76,320	2,296

EAST INDIAN RAILWAY.

Statement of Goods Traffic in Staples carried during the four weeks ending 26th March 1892, as compared with the same period of 1891.

STAPLES.	1891.		1892.		INCREASE.		DECREASE.	
	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
Coke	1,89,127	28,053	1,69,043	21,382	......	......	20,084	6,671
Cotton, raw	92,988	63,988	87,499	53,260	......	......	5,489	10,728
Cotton twist and yarn—								
1.—European	5,243	6,843	8,817	8,116	3,574	1,273	......	......
2.—Indian	14,741	7,735	14,919	7,333	208	......	......	402
Cotton piece-goods—								
1.—European	1,33,687	1,64,841	1,21,685	1,59,585	......	......	12,002	5,256
2.—Indian	18,210	13,081	8,930	5,700	......	......	9,280	7,381
Drugs and chemicals—								
1.—Intoxicating other than opium	436	229	815	207	379	......	......	22
2.—Non-intoxicating	11,090	10,153	9,838	8,779	......	......	1,752	1,374
Dyes and tans—								
1.—Indigo	1,635	775	1,422	1,126	......	351	213	......
2.—Myrabolams	15,450	4,549	24,685	6,637	9,235	2,088	......	......
3.—Aniline dyes	217	178	309	284	92	106	......	......
4.—Cutch	1,785	604	1,394	462	......	......	391	142
5.—Paints and colours	9,565	3,002	20,359	4,682	10,794	1,680	......	......
6.—Others	9,621	4,937	4,407	2,960	......	......	5,214	1,977
Grains—								
1.—Wheat	1,85,305	69,361	5,24,822	1,55,898	3,39,517	86,537	......	......
2.—Rice	6,95,776	1,46,362	7,13,663	1,22,482	17,887	......	......	23,880
3.—Jawar and bajra	37,892	3,209	41,946	6,036	4,054	2,827	......	......
4.—Gram	1,18,679	18,179	73,743	26,125	......	7,946	44,936	......
5.—Indigo seed	93,636	29,839	25,552	7,729	......	......	68,084	22,110
6.—Seeds other than oil-seeds	24,249	7,830	38,350	14,109	14,101	6,339	......	......
7.—Others	2,90,977	59,316	2,39,435	54,713	......	......	51,542	4,603
Hides and skins—								
1.—Hides of cattle	51,934	41,444	50,081	33,736	......	......	1,853	7,708
2.—Skins of sheep, &c.	10,823	4,516	14,485	9,429	3,662	4,913	......	......
Horns	3,429	1,842	2,253	1,316	......	......	1,176	526
Jute—								
1.—Raw	58,693	14,219	14,826	5,214	......	......	43,867	9,005
2.—Gunny-bags and cloth	79,184	39,131	1,13,793	55,859	34,609	16,728	......	......
Lac—								
1.—Stick	19,349	5,835	14,504	4,577	......	......	4,845	1,258
2.—Shell lac	21,710	15,799	12,984	10,445	......	......	8,726	5,354
Leather—								
1.—Unmanufactured	2,138	3,644	2,147	4,109	9	465	......	......
2.—Manufactured	3,652	3,717	4,494	4,762	842	1,045	......	......
Liquors—								
1.—Beer	8,035	4,879	7,212	4,235	......	......	1,723	644
2.—Wines	1,322	2,206	2,062	4,422	1,640	2,216	......	......
3.—Spirits	1,716	1,920	2,434	3,275	718	1,355	......	......
Metals—								
1.—Copper, unwrought			3,642	4,512				
2.—Brass, unwrought	24,728	17,512	3,551	1,833	......	......	3,222	3,951
3.—Brass and copper, wrought			14,313	7,216				
4.—Iron	1,22,458	54,821	2,03,918	71,395	81,460	16,574	......	......
5.—Tin	4,473	4,310	3,893	4,204	......	......	580	106
6.—Others	14,166	10,311	47,005	6,918	32,839	......	......	3,393
Oils—								
1.—Castor	1,451	288	3,214	756	1,763	468	......	......
2.—Kerosine	49,948	29,233	80,367	40,639	30,419	11,406	......	......
3.—Others	5,915	2,185	8,415	3,679	2,500	1,494	......	......
Oil-seeds—								
1.—Linseed	2,81,343	96,653	4,28,497	1,55,069	1,47,154	59,416	......	......
2.—Rape and mustard	1,78,232	41,984	2,02,447	93,394	24,215	51,410	......	......
3.—Til or jinjili	41,955	10,955	26,432	6,601	......	......	15,523	4,354
4.—Castor	51,321	12,756	87,855	23,613	36,534	10,857	......	......
5.—Poppy	29,818	11,390	11,658	4,531	......	......	18,160	6,839
6.—Others	14,508	3,186	15,005	4,821	497	1,635	......	......
Opium	917	944	1,354	1,184	417	240	......	......
Paper and paste board	6,013	3,264	8,641	5,809	2,628	2,545	......	......
Provisions—								
1.—Ghee	26,929	21,062	29,830	16,928	2,901	......	......	4,134
2.—Dried fruits and nuts	22,897	20,187	23,124	19,337	227	......	......	850
3.—Cocoanuts	4,875	3,429	6,606	3,100	1,731	......	......	329
4.—Turmeric	11,662	7,431	10,920	[illegible],984	......	......	742	1,347
5.—Others	76,987	19,9[illegible]2	76,753	26,242	......	6,340	234	......
Salt	3,42,014	73,286	5,16,142	94,780	1,74,128	21,494	......	......
Saltpetre, &c.—								
1.—Saltpetre	82,033	37,317	76,757	33,959	......	......	5,276	3,357
2.—Borax	4,190	3,465	4,563	3,133	373	468	......	......
3.—Other saline substances	17,430	6,183	37,072	11,282	19,642	4,799	......	......
Silk, raw—								
1. Foreign	28	86	7	20	......	......	21	66
2. Indian	3,025	1,492	1,709	853	......	......	1,316	639
Silk piece goods—								
1.—Foreign	23	57	39	96	16	39	......	......
2.—Indian	534	853	472	681	......	......	62	172
Spices—								
1.—Pepper	1,110	910	3,316	3,438	2,206	2,528	......	......
2.—Other	42,642	25,704	31,912	18,238	......	......	10,730	7,466
Sugar—								
1.—Drained	71,489	22,028	24,575	11,506	......	......	46,914	10,522
2.—Undrained	5,70,867	98,271	4,71,774	1,00,665	......	2,394	99,093	......
Stone and lime	3,91,086	48,114	3,13,883	60,790	......	13,676	47,203	......
Tea—								
1.—Foreign	......	......	3	4	3	4	......	......
2.—Indian	1,049	1,033	631	670	......	......	418	362
Timber, &c.—								
1.—Timber	45,622	10,301	1,34,852	22,193	89,230	11,836	......	......
2.—Firewood	53,040	3,210	31,065	2,692	......	......	21,975	605
Tobacco	51,603	16,332	75,415	35,020	43,812	18,688	......	......
Umbrellas	1,693	2,573	2,246	3,159	553	586	......	......
Wool—								
1.—Raw	1,100	1,092	2,804	3,650	1,704	2,258	......	......
2.—Piece-goods—								
a.—European	498	913	303	571	......	......	105	342
b.—Indian	1,514	1,040	2,710	2,645	1,196	756	......	......
3.—Shawls	......	......	5	13	5	13	......	......
All other articles of merchandise	9,40,220	2,76,737	5,74,986	1,73,870	......	......	3,74,234	1,02,867
Total	57,94,907	17,86,101	60,07,999	19,02,451	2,13,092	1,16,350		
Military stores	20,118	37,789	18,078	24,018	......	......	2,040	13,771
Coal—								
1.—For public	38,72,169	6,73,238	40,14,151	5,97,293	1,41,982	......	......	75,945
2.— „ Railway	7,42,338	69,787	5,80,344	72,443	......	2,656	1,61,994	......
Railway Materials—								
1.—For construction and revenue	5,64,468	29,801	7,59,612	35,248	1,95,154	5,447	......	......
Live-stock	......	7,902	......	6,205	......	......	......	1,727
Total	1,09,93,090	26,04,708	1,13,80,184	26,37,718	3,86,194	33,010	......	......

T. SIMPSON, *Offg., Assistant Auditor.*

TRAFFIC AUDIT OFFICE, GOODS DIVISION, JAMALPUR, *the 7th May* 1892.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 30*th April* 1892, *on* 1,552¾ *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	283,737	2,82,758 4 0	33,29,020 30	9,21,408 14 0	17,724 8 0	12,21,891 10 0	73,734½	140,674½	214,408¼
Or per mile of railway	......	182 1 7	......	593 6 6	11 6 8	786 14 9	......	......	......
For previous 16 weeks of half-year	4,577,893	51,68,306 11 0	4,59,37,216 0	1,09,20,559 6 8	2,85,530 3 9	1,63,74,486 5 5	1,256,627½	1,753,317	3,009,944½
Total for 17 weeks ...	4,861,630	51,51,154 15 0	4,92,66,236 30	1,18,41,968 4 8	3,03,254 11 9	1,75,96,377 15 5	1,330,361½	1,893,991½	3,224,353
Comparison.									
Total for corresponding week of previous year	276,167	2,94,664 0 10	31,71,602 20	7,76,119 2 0	20,182 2 9	10,90,965 5 7	72,664	121,687	194,351
Per mile of railway corresponding week of previous year ...	......	193 2 6	......	508 12 3	13 3 8	715 2 5	......	......	......
Total to corresponding date of previous year	4,923,760½	59,08,782 5 7	4,78,00,862 0	1,15,18,595 6 6	3,74,576 0 2	1,78,01,953 12 3	1,311,321	1,784,311	3,095,662

PATNA-GAYA STATE RAILWAY.

Approximate Return of Traffic for week ended 30*th April* 1892, *on* 57½ *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	13,158	6,026 14 0	50,863 10	3,827 14 0	45 0 0	9,899 12 0	1,453	941	2,394
Or per mile of railway	230	105 5 10	889 10	66 14 9	0 12 7	173 1 2	......	......	......
For previous 16 weeks of half-year	246,598	1,29,752 10 0	10,32,458 20	62,940 3 0	815 9 3	1,93,508 6 3	28,125	15,647	43,772
Total for 17 weeks ...	259,756	1,35,779 8 0	10,83,321 30	66,768 1 0	860 9 3	2,03,408 2 3	29,578	16,588	46,166
Comparison.									
Total for corresponding week of previous year	15,161	7,798 11 2	54,023 30	4,025 6 0	47 12 3	11,871 13 5	1,813	760	2,573
Per mile of railway corresponding week of previous year ...	265	136 5 6	944 20	70 6 0	0 13 4	207 8 10	......	......	......
Total to corresponding date of previous year	317,155½	1,82,716 4 7	8,60,183 10	60,445 6 0	1,015 0 9	2,44,176 11 4	28,098	14,274	42,372

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 30*th April* 1892, *on* 22½ *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	19,315	4,901 13 0	11,265 30	472 4 0	10 0 0	5,384 1 0	863	105	968
Or per mile of railway	......	220 4 11	......	21 3 7	0 7 2	241 15 8	......	......	......
For previous 16 weeks of half-year	384,241	99,796 12 0	2,98,321 20	10,760 12 9	200 0 9	1,10,757 9 6	14,597	1,756	16,353
Total for 17 weeks ...	403,556	1,04,698 9 0	3,09,587 10	11,233 0 9	210 0 9	1,16,141 10 6	15,460	1,861	17,321
Comparison.									
Total for corresponding week of previous year	20,382	5,284 11 8	12,599 10	441 14 0	11 3 6	5,737 13 2	809	145	1,014
Per mile of railway corresponding week of previous year ...	......	237 8 3	......	19 13 9	0 8 1	257 14 1	......	......	......
Total to corresponding date of previous year	447,722	1,20,736 6 9	2,49,637 0	8,536 8 0	189 9 0	1,29,462 7 9	16,339	1,857	18,196

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 30th April 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	14,000	9,103 11 0	32,705 0	6,363 10 0	68 0 0	15,535 5 0	6,352	2,223	8,575
Or per mile of railway ...	......	56 3 1	......	39 4 6	0 6 9	95 14 4	......	......	......
For previous 16 weeks of half-year	261,536	1,98,753 13 0	7,31,220 0	1,36,674 3 0	1,023 15 9	3,36,451 15 9	99,392½	35,069	134,461½
Total for 17 weeks ...	275,536	2,07,857 8 0	7,63,925 0	1,43,037 13 0	1,091 15 9	3,51,987 4 9	105,744½	37,292	143,036½
Comparison.									
Total for corresponding week of previous year	14,880½	11,914 3 5	31,720 30	6,610 10 0	38 8 9	18,563 6 2	6,999	1,747	8,746
Per mile of railway corresponding week of previous year ...	......	73 8 8	......	40 12 11	0 3 10	114 9 5	......	......	......
Total to corresponding date of previous year	150,800	1,30,417 6 7	2,88,676 10	70,664 2 3	582 9 9	2,01,694 2 7	59,023	14,705	73,72

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Bihár Sections.)

Approximate Return of Traffic for week ended 23rd April 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	151,547	74,610 0 0	5,70,376 0	81,590 0 0	9,170 0 0	1,65,370 0 0	27,666	28,768	56,434
Or per mile of railway ... ..*	195	96 0 0	734 0	105 0 0	†1 0 0	202 0 0	......	......	......
For previous 15 weeks of half-year*	2,628,371	13,02,194 0 0	87,43,493 0	12,18,296 0 0	2,02,991 0 0	27,23,481 0 0	428,818	433,147	861,965
Total for 16 weeks ...	2,779,918	13,76,804 0 0	93,13,869 0	12,99,886 0 0	2,12,161 0 0	28,88,851 0 0	456,484	461,915	918,399
Comparison.									
Total for corresponding week of previous year	149 458	78,501 0 0	7,34,403 0	1,09,016 0 0	17,301 0 0	2,04,818 0 0	26,000	32,810	58,810
Per mile of railway corresponding period of previous year ...	192	101 0 0	945 0	140 0 0	†2 0 0	243 0 0	......	......	......
Total to corresponding date of previous year	3,089,897	18,07,738 0 0	1,13,53,898 0	20,94,828 0 0	4,19,180 0 0	43,21,746 0 0	443,414	627,598	1,071,012

* Audited up to week ending 5th March 1892.
† Excluding steamer earnings.

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Bihár Sections.)

Approximate Return of Traffic for week ended 30th April 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchanise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	148,604	77,410 0 0	5,75,616 0	91,760 0 0	20,000 0 0	1,89,170 0 0	27,023	27,905	54,928
Or per mile of railway	191	100 0 0	741 0	118 0 0	†11 0 0	229 0 0	......	......	......
For previous 16 weeks of half-year*	2,779,918	13,76,804 0 0	93,13,869 0	12,99,886 0 0	2,12,161 0 0	28,88,851 0 0	456,484	461,915	918,399
Total for 17 weeks ...	2,928,522	14,54,214 0 0	98,89,485 0	13,91,646 0 0	2,32,161 0 0	30,78,021 0 0	483,507	489,820	973,327
Comparison.									
Total for corresponding week of previous year	154,726	84,498 0 0	8,07,774 0	1,35,385 0 0	29,031 0 0	2,48,914 0 0	26,000	33,801	59,801
Per mile of railway corresponding period of previous year ...	199	109 0 0	1,155 0	174 0 0	†11 0 0	294 0 0	......	......	......
Total to corresponding date of previous year	3,244,623	18,92,236 0 0	1,22,51,672 0	22,30,215 0 0	4,48,211 0 0	45,70,660 0 0	469,414	661,399	1,130,813

* Audited up to week ending 5th March 1892.
† Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 23rd April 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	26,167	9,120 0 0	55,305 0	3,860 0 0	100 0 0	13,170 0 0	3,485	2,187	5,672
Or per mile of railway	209	73 0 0	442 0	31 0 0	1 0 0	105 0 0	. ...	......	......
For previous 15 weeks of half-year*	451,450	1,67,330 0 0	8,81,725 0	55,198 0 0	1,371 0 0	2,23,899 0 0	54,543	32,192	86,735
Total for 16 weeks ...	477,617	1,76,450 0 0	9,37,030 0	59,058 0 0	1,561 0 0	2,37,069 0 0	58,028	34,379	92,407
Comparison.									
Total for corresponding week of previous year	27,657	9,562 0 0	84,399 0	6,202 0 0	44 0 0	15,808 0 0	3,485	2,187	5,672
Per mile of railway corresponding week of previous year ..	221	77 0 0	675 0	50 0 0	......	127 0 0	......	......	......
Total to corresponding date of previous year	512,251	2,30,968 0 0	11,34,377 0	67,062 0 0	1,169 0 0	2,99,139 0 0	57,928	37,092	95,020

* Audited up to week ending 5th March 1892.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 30th April 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	26,004	9,920 0 0	52,810 0	3,630 0 0	70 0 0	13,620 0 0	3,485	2,187	5,672
Or per mile of railway ..	208	79 0 0	422 0	29 0 0	1 0 0	109 0 0	... .	......	.....
For previous 16 weeks of half-year*	477,617	1,76,450 0 0	9,37,030 0	59,058 0 0	1,561 0 0	2,37,069 0 0	58,028	34,379	92,407
Total for 17 weeks ...	503,621	1,86,370 0 0	9,89,840 0	62,688 0 0	1,631 0 0	2,50,689 0 0	61,513	36,566	98,079
Comparison.									
Total for corresponding week of previous year	28,092	9,933 0 0	81,081 0	5,425 0 0	77 0 0	15,435 0 0	3,485	2,187	5,672
Per mile of railway corresponding week of previous year ...	225	79 0 0	649 0	43 0 0	1 0 0	123 0 0	......	......	......
Total to corresponding date of previous year	540,343	2,40,841 0 0	12,15,458 0	72,487 0 0	1,246 0 0	3,14,574 0 0	61,413	39,279	1,00,692

* Audited up to week ending 5th March 1892.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 23rd April 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	14,917	4,800 0 0	7,845 0	770 0 0	190 0 0	5,760 0 0	2,504	720	3,224
Or per mile of railway	173	56 0 0	91 0	9 0 0	2 0 0	67 0 0	......	......	......
For previous 15 weeks of half-year*	267,779	86,988 0 0	1,74,980 0	16,567 0 0	2,060 0 0	1,05,015 0 0	37,921	11,181	49,102
Total for 16 weeks ...	282,696	91,788 0 0	1,82,825 0	17,337 0 0	2,250 0 0	1,11,375 0 0	40,425	11,901	52,326
Comparison.									
Total for corresponding week of previous year	15,409	4,890 0 0	10,164 0	957 0 0	323 0 0	6,170 0 0	2,415	689	3,104
Per mile of railway corresponding period of previous year	179	57 0 0	118 0	11 0 0	4 0 0	72 0 0	......	......	......
Total to corresponding date of previous year	315,582	1,10,912 0 0	5,47,052 0	49,457 0 0	3,185 0 0	1,63,554 0 0	41,478	20,394	61,872

* Audited up to week ending 5th March 1892.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 30th April 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. 's.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	13,787	4,680 0 0	8,054 0	800 0 0	120 0 0	5,600 0 0	2,400	734	3,134
Or per mile of railway	160	55 0 0	104 0	9 0 0	1 0 0	65 0 0	......	......	......
For previous 16 weeks of half-year*	282,696	91,788 0 0	1,83,825 0	17,337 0 0	2,250 0 0	1,11,375 0 0	40,425	11,901	52,326
Total for 17 weeks ...	296,483	96,468 0 0	1,91,779 0	18,137 0 0	2,370 0 0	1,16,975 0 0	42,915	12,635	55,550
Comparison.									
Total for corresponding week of previous year	15,531	5,373 0 0	27,474 0	1,227 0 0	177 0 0	6,777 0 0	2,414	690	3,104
Per mile of railway corresponding week of previous year ...	181	63 0 0	319 0	14 0 0	2 0 0	79 0 0	......	......	......
Total to corresponding date of previous year	331,113	1,16,285 0 0	5,74,526 0	50,684 0 0	3,362 0 0	1,70,331 0 0	43,892	21,084	64,976

* Audited up to week ending 5th March 1892.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhut State Railway.)

Approximate Return of Traffic for the week ending 23rd April 1892, on 755 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Coaching.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 755 miles open	92,460	38,810	5,43,870	87,480	14,560	1,40,850	11,722	24,417	36,139
Or per mile of railway	122·46	51·40	720·36	115·87	19·29	186·56	......	......	......
For previous 15¾ weeks of half-year (a)	1,431,152	6,35,217	54,28,880	7,73,459	1,54,230	15,62,906	186,324	269,962	456,286
Total for 16¾ weeks ...	1,523,612	6,74,027	59,72,750	8,60,939	1,68,790	17,03,756	198,046	294,379	492,425
Comparison.									
Total for corresponding week of previous year on 712 miles open	110,929	47,455	4,45,891	73,002	10,362	1,30,819	11,694	22,346	34,040
Per mile of corresponding week of previous year	155·80	66·65	626·24	102·53	14·55	183·73	......	......	......
Total to corresponding date of previous year	1,586,872	6,90,162	67,73,103	9,64,241	1,48,119	18,02,522	181,240	317,892	499,132

(a) Includes audited figures up to 13th February 1892.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 16th April 1892	13,201	0	0
Corresponding period of 1891	13,148	0	0
Increase	53	0	0
Receipts per mile for week ending 16th April 1892	258	13	6
Corresponding period of 1891	257	12	11
Increase	1	0	7
Receipts from 1st January to 16th April 1892	1,46,894	0	0
Corresponding period of 1891	1,40,729	0	0
Increase	6,165	0	0

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 23rd April 1892	15,091	0	0
Corresponding period of 1891	13,437	0	0
Increase	1,654	0	0
Receipts per mile for week ending 23rd April 1892	295	14	5
Corresponding period of 1891	263	7	8
Increase	32	6	9
Receipts from 1st January to 23rd April 1892	1,61,985	0	0
Corresponding period of 1891	1,54,167	0	0
Increase	7,818	0	0

Printed and published by Edwin Morris Lewis at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 11th May 1892.

[REGISTERED No. 29.]

No. 20 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, MAY 18, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

OUTTURN OF RABI AND SPECIAL CROPS IN BENGAL FOR THE YEAR 1891-92.

THE following are published for general information.

By order of the Lieutenant-Governor of Bengal,

REVENUE DEPARTMENT,
AGRICULTURE;
Calcutta, the 14th May, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Outturn of rabi and special crops in Bengal for the year 1891-92.

Rabi crops.—The climatic conditions most favourable to the cultivation of rabi crops in Bengal and Bihár are when monsoon rains cease early in October, but are followed by comparatively fine weather, with a few light showers during the remainder of that month and the first fortnight of November. In December and January there should be showers to enable the crops to attain their full development. At the time of harvesting during the latter half of February and March, the weather should be dry. Continuous cloudy weather at this time causes damage, and is attended with injury from insects of various kinds and from fungoid pests.

In the rabi season, 1891-92, the conditions were unfavourable throughout the greater portion of Bengal and Bihár. Deficient rainfall at the sowing season, towards the end of October and the beginning of November, contracted the area sown in the districts of Patna, Gaya, Darbhanga, Malda, Sonthal Parganas, and Palámau. On the other hand, owing to

the scantiness of the monsoon rains of 1891, and the consequent partial failure of winter rice, there was an extension of the area sown under rabi in Rajshahi, Bogra, Pabna, Faridpur, and Purnea. The deficiency of rain in the latter half of October and the first half of November injuriously affected the outturn also in all parts of South-West, East and North Bengal, North and South Bihár, Chota Nagpur, and Orissa, with the exception of the districts of Mymensingh, Rajshahi, Bogra, and Singbhum, the Sadar subdivision of Balasore, and the subdivisions of Magura, Brahmanbaria, Chandpur, and Banki, in which rain fell in the latter half of October and in the beginning of November. Excessive rain at the time of, and immediately after, sowing reduced the outturn in Singbhum, and in Bhadrak in the district of Balasore. A general drought throughout the rabi season further aggravated the injury. A cyclone in the month of November did much harm to the rabi crops in the Sadar and Kendrapara subdivisions of Cuttack, and in Puri; and hailstorms, when the crops were approaching maturity, did considerable damage in the Sadar subdivision of Faridpur. Locusts injured rabi plants in the Chittagong Hill Tracts. Deposits of silt, however, left by the floods of last year had a beneficial effect on some of the crops in the subdivisions of Goalundo, Brahmanbaria, Chandpur, Banki, and Jajpur.

Taking the Lower Provinces as a whole, the outturn of the rabi crops may be estimated at 9 annas.

Special crops.—During the season which has just expired, deficiency of rainfall throughout the monsoon months from June to October affected the outturn of sugarcane more or less, in all parts of the Lower Provinces, except Chota Nagpur and Orissa. Heavy rain in August, and a cyclone in November, injured the crop in the districts of Cuttack and Puri.

Tobacco.—This crop was damaged by excessive rain and cyclonic winds in the month of November in Cuttack and Puri, and by a total cessation of rain towards the end of the season in February and March in Manbhum. An average crop is reported from the subdivisions of Basirhat, Bangaon, Brahmanbaria, Banki, Jajpur, Kolhan, and from the Sadar subdivision of the districts of Jessore, Chittagong, and Saran.

Poppy.—The outturn of poppy was seriously affected by the very dry weather at the beginning of the season in October in the Sadar and Siwán subdivisions of the district of Saran. This crop was damaged by cloudy and rainy weather at the end of February in the subdivision of Jahánabad, in the district of Gaya, and by high westerly winds in Patna. Hailstorms and high winds also did some harm in Shahabad. A full average crop is reported for the district of Monghyr, and for Hajipur, in the district of Muzaffarpur, but the average outturn throughout the poppy-growing districts is estimated at 11 annas only.

Mulberry.—A full average crop of mulberry is reported from the district of Bogra and from Kandi, in the district of Murshidabad. The average outturn for all mulberry-growing districts is estimated at 11 annas.

The outturn is represented in fractions of a rupee, sixteen annas being taken to represent an average crop.

M. FINUCANE,

Director of the Department of Land Records and Agriculture in Bengal.

The 2nd May, 1892.

STATEMENT III.—*Estimated Outturn of Rabi Crops for the year* 1891-92.

1	2	3	4	5	6	7	8	9	10
DISTRICT.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation in square miles.	Estimated area under rabi crops in square miles.	Names of principal rabi crops of sub-division.	Estimated outturn expressed in annas of current year's rabi crops.	Estimated outturn of previous year's rabi crops.	Remarks by the District Officers.	Remarks by the Agricultural Department, Bengal.
					BURDWAN DIVISION.				
Burdwan	Sadar	1,242	993	31	Peas ... Kalai ... Khesari ... Musoor ... Barley ... Moong ... Oats ... Mustard ... Wheat ...	8 annas	10 annas	The outturn of the current year's crop is poor owing to the failure of rain from October 1891. The rabi crops of the previous year were poor also, owing to want of adequate rain and to the damage caused by locusts.	The total area of the district, as given in the latest Bengal Administration Report, is 2,689 square miles. The conditions of rainfall in Kalna and Katwa were similar. The difference in their outturn is not intelligible.
	Kalna	433	350	100	Wheat ... Barley ... Linseed ... Mustard ... Peas ... Musoor ... Towra ... Gram ... Arhar ... Kalai ...	12 ,,	12 to 14 annas.	The decrease of outturn of the present year's crop is due to the failure of rain since October 1891. The rainfall on the 22nd and 23rd February 1891 partially injured the crops of the previous year.	
	Katwa ...	352	265	8	Pulses ... Oilseeds ... Wheat ...	6 ,,	11 annas	The outturn is poor owing to the want of rainfall.	
	Raniganj ...	671	398	31	Gram ... Peas ... Khesari ... Barley ... Mustard ... Til ... Linseed ... Arhar ... Wheat ... Masuri ... Ganja ...	8 to 10 annas.	14 to 16 annas.	The decrease of outturn of the present year's crop is due to deficiency of rainfall.	
	District Total	2,697	2,006	170	.....	9 ,,	12 ,,		
Bankura	Sadar	1,921	671	4 4 10 10	Wheat ... Barley .. Pulses ... Oilseeds ...	8 annas	8 annas	The continued cessation of rain since the sowing time has affected the outturn.	
	Bishenpur ...	700	354	3 2 5 7	Wheat .. Barley ... Pulses .. Oilseeds ...	9 ,,	10 ,,		
	District Total	2,621	1,025	45	.....	8 ,,	9 ,,		
Birbhum	Suri (Sadar)...	1,108.	777	16 13 26 16	Wheat ... Gram ... Pulses .. Oilseeds ...	10 annas	12 annas	The deficiency of rain from the sowing time up to date has affected the outturn of the crops.	The total area of the district as given in the latest Bengal Administration Report, 1,752 square miles.
	Rampurhat ...	648	468	10 12 16	Wheat ... Oilseeds ... Gram ... Pulses ...	10 ,,	12 ,,		
	District Total	1,756	1,245	118	.....	10 ,,	12 ,,		
Midnapore.	Sadar	3,253	1,920	320	Moong ... Khesari ... Arhar ... Linseed ... Gram ... Barley ... Musoor ... Mustard ... Biri ... Jara .. Surgoja ...	8 annas	8 annas	The current year's crop has suffered much from want of rain at the sowing time. Last year's crop suffered from deficiency of rainfall at the sowing time and excess of rainfall at the harvesting time.	The total area of the district as given in the latest Bengal Administration Report, 5,186 square miles.
	Contai ...	861	713	43	Mustard ... Til ... Biri .. Moong ... Khesari ... Matar ...	9 ,,	6 ,,		
	Ghatal ...	366	228	10	Khesari ... Biri ... Moong ...	10 ,,	12 ,,		
	Tamluk ...	583	437	29	Khesari ... Biri ... Moong ...	7 annas	8 ,,		
	District Total	5,063	3,298	402	.....	8 ,,	8 ,,		

1	2	3	4	5	6	7	8	9	10
District.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation in square miles.	Estimated area under rabi crops in square miles.	Names of principal rabi crops of sub-division.	Estimated outturn expressed in annas of current year's rabi crops.	Estimated outturn of previous year's rabi crops.	Remarks by District Officers.	Remarks by the Agricultural Department, Bengal.
					BURDWAN DIVISION—*concluded.*				
Hooghly	Sadar ...	442	276	55	Masuri ... Peas ... Kalai ...	8 annas 8 „ 6 „	10 annas 10 „ 10 „	Owing to deficiency of rain, there is a general decrease in the outturn.	The total area of the district, as given in the latest Bengal Administration Report, is 1,701 square miles.
	Serampore ...	343	250	30	Potatoes ... Kalai, pulse ... Mustard ... Barley ...	10 „ 9 „ 8 „ 8 „	15 „ 15 „ 13 „ 12 „	Owing to insufficient rain, the current year's crop has been a poor one. Untimely rains affected the previous year's crops to some extent.	
	Jahánabad ...	438	262	6	Masuri ... Matar ... Biri .. Linseed ... Mustard ... Soonjee ... Barley ... Moong ...	4 „ 3 „ 3 „ 8 „ 4 „ 8 „ 9 „ 3 „	6 „ 4 „ 4 „ 10 „ 4 „ 10 „ 10 „ 4 „	A low flood in the present year caused a decrease in area under rabi crops as compared with last year. A large quantity of land being dry was sown with paddy in many places. Latterly a general drought caused a decrease in outturn as shown in column 7.	
	Howrah ...	173	94	22	Khesari ... Musoor ... Peas ... Rape seed ... Oat ... Til ...	12 „	14 „	The outturn of this year is less for want of rain.	The outturn of Howrah is not likely to be higher than that of the other sub-divisions of the district. There was a greater deficiency of rainfall in Howrah, as would appear from the following rainfall statement— (Total rainfall from 16th October up to 26th March. / Average rainfall from 16th October up to 26th March.) Howrah ... 0·30 5·16 Serampore ... 0·67 4·85 Hooghly ... 0·38 4·70 Jahánabad ... 0·34 4·28
	Ulubaria ...	303*	200	18	Musoor ... Khesari ... Watermelons and potato. Arhar ... Mustard ... Linseed . Peas ...	7 „	13 „	Owing to the want of rain at the time of ploughing and sowing, the crops have been damaged to a great extent.	
	District Total	1,699	1,082	131	......	7 „	9 „		
					PRESIDENCY DIVISION.				
24-Parganas.	Sadar and amalgamated part of Suburbs, including late Baruipur.	1,070	717	46	Pulses .. Oilseed ... Barley, &c. ...	13 annas	12 annas.	......	The total area of the district, as given in the latest Bengal Administration Report, is 2,132 square miles. The figure given by the Collector includes a portion of the Sundarbans.
	Diamond Harbour.	513	453	9	Khesari ... Peas, &c. ...	2 „ 4 „	16 „	Want of rain both at the time of sowing and growing is the cause of the low outturn.	
	Barasat ...	392	253	40	Moong ... Kalai ... Gram ... Musoor .. Linseed ... Matar .	2 „ 4 „ 2 „ 2 „ 2 „ 6 „	10 „ 12 „ 10 „ 12 „ 8 „ 12 „	Deficiency or rather want of rain from the time of sowing has damaged the crop.	
	Basirhat ...	530	439	7	Gram .. Moong ... Peas ... Khesari ... Rape-seeds ..	8 „	14 „	The absence of rainfall during the months of October and November greatly damaged the crop, and consequently the outturn was very scanty.	
	Barrackpore...	42	10	2	Peas ... Mustard ...	6 „ 6 „	14 „ 12 „	The decrease in outturn is due to the want of rain during the time of growth of the crops.	
	Dum-Dum ...	56	36	1	Peas ..	6 „	12 „	Want of timely rain was the cause of the low outturn of the current year. The rainfall was well distributed in the previous year.	
	District Total	2,603	1,908	105	......	5 „	12 „		
Khulna ...	Sadar ...	1,572	300	31	Mustard ... Til ... Linseed ...	0 annas	8 annas	For want of timely rain the outturn of rabi crops has been affected more or less this year. The outturn of last year was not satisfactory for want of timely rain, and excessive rain when it was not needed.	The total area of the district, as given in the latest Bengal Administration Report, is 2,077 square miles. The figure given by the Collector includes a large portion of the Sundarbans, hence the difference between the two figures.
				37	Turmeric ... Chillies ... Peas ... Musuri ... Khesari ... Arhar ... Moong ... Kalai ... Others ...	12 „ 15 „ 14 „ 14 „ 14 „ 10 „ 12 „ 12 „ 10 „	12 „ 14 „ 12 „ 12 „ 12 „ 11 „ 12 „ 10 „ 11 „		

1	2	3	4	5	6	7	8	9	10
DISTRICT.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation in square miles.	Estimated area under rabi crops in square miles.	Names of principal rabi crops of sub-division.	Estimated outturn expressed in annas of current year's rabi crops.	Estimated outturn of previous year's rabi crops.	Remarks by the District Officers.	Remarks by the Agricultural Department, Bengal.

PRESIDENCY DIVISION—*continued.*

1	2	3	4	5	6	7	8	9	10
Khulna...	Satkhira ...	1,273	440	28	Mustard ... Peas ..	8 annas	4 annas	The outturn of rabi crops has been affected more or less this year for want of timely rain. The outturn of last year was not satisfactory for want of timely rain, and excessive rain when it was not needed.	The rainfall in October was below the normal, but the deficiency was made up by the rain which fell in the first fortnight of November. The outturn would have been very good had not want of rain in December and January checked the proper development of the standing crops.
				22	Kalai ... Masuri .. Others ..				
	Bagerhat ...	1,509	520	50	Mustard ...	14 ,,	16 ,,		
	Area of boundary, khals and rivers of the Sundarbans in this district.	496	......	30	Til ...	12 ,,	16 ,,		
				38	Khesari ... Musoor ... Peas ...	14 ,,	16 ,,		
	District Total	4,850*	1,[illegible]59	236	. .. ...	12 ,,	14 ,,		
Nadia ...	Sadar	701	484	156	Wheat ... Barley ...	7 annas	8 annas	The rainfall in the several sub-divisions during the period 16th October 1891 to January 1892 has been rather spasmodic, and has affected the outturn of the rabi crops in the different sub-divisions. Rainfall has been fair in the Sadar sub-division, being only ·40 below the normal.	The total area of the district, as given in the latest Bengal Administration Report, is 2,793 square miles. Deficiency of rain at the time of sowing, and the total absence of rain in December and January, must have materially affected the outturn.
					Mustard ...	6 ,,	6 ,,		
					Til ...	4 ,,	4 ,,		
					Linseed ...	4 ,,	4 ,,		
					Gram ...	6 ,,	5 ,,		
					Kalai .	6 ,,	8 ,,		
					Peas ...	5 ,,	5 ,,		
					Masuri ...	6 ,,	5 ,,		
					Moong ...	4 ,,	8 ,,		
	Chuadanga ...	437	272	225	Linseed ...	3 ,,	4¼ ,,		
					Gram ...	4 ,,	4 ,,		
					Wheat ...	2 ,,	7 ,,		
					Masuri ...	5 ,,	3½ ,,		
					Arhar ..	12 ,,	7 ,,		
					Mustard ...	6 ,,	6 ,,		
					Moong ...	7 ,,	7 ,,		
					Kalai ...	9 ,,	7 ,,		
					Peas ...	5 ,,	2 ,,		
					Til ...	7 ,,	7 ,,		
					Barley ...	6 ,,	5¼ ,,		
					Khesari ...	6 ,,	9 ,,		
					Rye ...	5 ,,	7 ,,		
					Goonji ...	12 ,,	7 ,,		
	Kushtia ...	588	441	215	Mustard, khesari, moong, maskalai, musuri, wheat, barley, cheena, gram, linseed, til, peas.	4 ,,	10 ,,		
	Meherpore ...	627	500	310	Kalai ...	9 ,,	12 ,,		
					Moong ...	9 ,,	12 ,,		
					Arhar ..	16 ,,	10 ,,		
					Wheat ...	2 ,,	10 ,,		
					Barley ...	4 ,,	12 ,,		
					Mustard ...	4 ,,	14 ,,		
					Peas .	4 ,,	14 ,,		
					Musoor ..	4 ,,	16 ,,		
					Rye ...	4 ,,	14 ,,		
					Til ...	2 ,,	12 ,,		
					Gram ...	5 ,,	14 ,,		
					Linseed ..	4 ,,	14 ,,		
					Chillies ...	12 ,,	8 ,,		
					Goonji	6 ,	12 ,,		
	Ranaghat ...	427	256	190	Wheat ... Barley ... Peas ... Pulses ... Mustard ... Linseed ... Gram ..	6 ,,	6 ,,		
	District Total	2,780	1,953	1,105	.... .	6 ,,	8 ,,		
Jessore ...	Sadar ...	889	475	20	Kalai ...	10 annas	16 annas	Deficiency of outturn is due to want of rainfall at the sowing season and afterwards.	
				23	Moong ...	10 ,,	13 ,,		
				9	Arhar ...	10 ,,	13 ,,		
				14	Peas ...	8 ,,	12 ,,		
				15	Masuri ...	8 ,,	12 ,,		
				12	Chillies ...	8 ,,	12 ,,		
				3	Barley ...	10 ,,	11 ,,		
				14	Gram ...	10 ,,	14 ,,		
				10	Oilseeds ...	10 ,,	12 ,,		
	Bangaon ...	649	389	18	Mustard ...	12 ,, (a)	10 ,, (d)	(a) Deficiency of rainfall at the sowing season has affected the outturn in the current year. (b) The favourable outturn of this crop has resulted for deficient rainfall. (c) Floods destroyed this crop last year almost wholly. (d) The floods of the year not receding fast, a portion of the land annually sown with rabi either remained under water at the sowing time, or was too moist to be properly tilled. This, coupled with the cessation of rain after the latter half of October, greatly affected the outturn.	The remark (b) in column 9 is unintelligible.
				94	Linseed ...	8 ,, (a)	8 ,, (d)		
				24	Gram ...	10 ,, (a)	8 ,, (d)		
				15	Arhar ...	16 ,, (b)	3 ,, (c)		
				6	Moong ...	10 ,, (a)	8 ,, (d)		
				6	Kalai ...	8 ,, (a)	8 ,, (d)		
				15	Peas ...	10 ,, (a)	14 ,, (d)		
				6	Musoor ...	8 ,, (a)	8 ,, (d)		

* This includes Sundarbans, 2,778 square miles appertaining to this district.

1	2	3	4	5	6	7	8	9	10
DISTRICT.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation in square miles.	Estimated area under rabi crops in square miles.	Names of principal rabi crops of sub-division.	Estimated outturn expressed in annas of current year's rabi crops.	Estimated outturn of previous year's rabi crops.	Remarks by the District Officers.	Remarks by the Agricultural Department, Bengal.
				PRESIDENCY DIVISION—*concld.*					
Jessore—*concld.*	Narail ...	487	293	60	Peas ... Khesari ... Moong ... Maskalai ... Mustard ... Rye ...	8 annas	10 annas	For want of timely rain the plants have become stunted and are withering away.	
	Magura ...	425	268	53	Rape-seed Mustard ... Linseed . Peas .. Moong Maskalai ...	10 " 10 " 10 " 10 " 6 " 10 "	12 " 12 " 12 " 16 " 16 " 16 "	The deficiency of rainfall and of floods has been unfavourable to the growth of the plants. The prospect was good at the sowing season. Last year the high floods were favourable for the growth of the plants.	The rainfall in the month of October was slightly deficient. In November it was a little above the normal. The outturn would have been good, had it not been for the absence of rain throughout December and January and up to the 8th of February.
	Jhenidah ...	475	320	28	Kalai .. Moong ... Peas . Barley ... Wheat . Gram .. Musur . Chillies .. Linseed ...	6 " 4 " 6 " 4 " 4 " 4 " 2 " 10 " 4 "	16 " 16 " 10 " 12 " 12 " 12 " 6 " 8 " 10 "	Deficiency of outturn is due to the low floods and want of rain in the autumn and winter months.	
	District Total	2,925	1,745	454	......	8 "	11 "		
Murshidabad.	Sadar .	752	519	439	Barley ... Wheat ... Pulses ..	12 annas	16 annas	Want of rain affected the outturn much this year in all the sub-divisions except Jungipore, where it is estimated at 14 annas owing to the absence of floods and to the earlier cultivation of lands. The want of silt deposits has reduced the area of land under cultivation in the Lalbagh sub-division. The previous year's crop suffered much at Jungipore, owing to heavy floods and also t deficiency of rainfall at the proper time.	The total area of the district, as given in the latest Bengal Administration Report, is 2,141 square miles. The area under rabi crops seems to be over-estimated.
	Lalbagh ...	373	257	104	Wheat .. Barley ... Gram .. Musur, &c. ...	11 "	15 "		
	Jungipore ...	508	351	206	Wheat .. Barley ... Pulses ...	14 "	12 "		
	Kandi .	513	353	32	Wheat ... Pulses ... Barley ... Gram .	7 "	17 "		
	District Total	2,144	1,480	781	... .	11 "	15 "		
				RAJSHAHI DIVISION.					
Dinajpur	Sadar . Thakurgaon ..	4,118	2,600	245	Mustard Potato ... Wheat ... Barley Pulse ... Oilseed Brinjal ... Gram ... Chillies	12 annas	12 annas	Owing to partial failure of winter rice on account of insufficient rain, the lands of this crop were utilized for rabi this year.	The total area of the district, as given in the latest Bengal Administration Report is 4,117 square miles. The average rainfall for the rabi season from the 16th of October to the 20th of March for the Sadar station is 3·82 inches. The actual rainfall for this period during the present season has been only 0·34 inches. The deficiency must have injuriously affected the outturn.
	District Total	4,118	2,600	245	. . .	12 "	12 "		
Rajshahi	Sadar ...	914	588	185	Wheat ... Pulses .. Mustard ... Linseed ... Cheena ...	10 annas	8 annas	The rain which fell during September, October, and November, though small, helped the crops generally, and hence the outturn shows a better result, both in the Sadar and Nator sub-divisions, than that of the last year. The outturn in the Nowgong sub-division would have been an average one had it not been affected by deficiency of rain in the latter part of the season. Failure of paddy crops, both at Natore and Nowgong, induced the cultivators to grow rabi crops on the lands on which paddy was grown, and hence the increase in area sown this year.	The tots' area of the district, as given in the latest Bengal Administration Report, is 2,329 square miles.
	Nator ..	8:7	613	140	Wheat .. Pulses ... Mustard .. Linseed ... Turmeric Kaon .. Cheena .. Tobacco ...	12 " 10 " 12 " 12 " 14 " 14 " 14 " 14 "	12 " 8 " 8 " 4 " 12 " 12 " 10 " 14 "		
	Nowgong ...	603	500	124	Wheat .. Cheena ... Pulses ... Ginger ... Linseed ... Mustard ... Turmeric ... Potato ... Tobacco ...	12 " 12 " 12 " 10 " 16 " 16 " 14 " 12 " 12 "	16 " 8 " 10 " 12 " 6 " 10 " 12 " 16 " 10 "		
	District Total	2,364	1,700	449	......	13 "	10 "		

1	2	3	4	5	6	7	8	9	10
DISTRICT.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation in square miles.	Estimated area under *rabi* crops in square miles.	Names of principal *rabi* crops of sub-division.	Estimated outturn expressed in annas of current year's *rabi* crops.	Estimated outturn of previous year's *rabi* crops.	Remarks by the District Officers.	Remarks by the Agricultural Department, Bengal.
					RAJSHAHI DIVISION—*concluded.*				
Rangpur	Rangpur ...	1,151	960	10 30	Wheat .. Pulses ...	12 annas 12 "	14 annas 14 "	The Collector, Mr. Maguire, says—"I have been here too short a time to be able to give any definite opinion either as to the area under the various crops or to their outturn. The outturn is given according to the report, and I think it must in most cases be overstated. The cropped area does not agree with that given in returns of agricultural statistics. But I do not know how the figures in those were obtained, nor can I explain differences at present."	Discrepancies in areas have been noticed in the Remarks column of the Returns of Agricultural Statistics, and the Collector has been requested to revise his figures. Pending receipt of the revised figures, the figures now sent by the Collector have been accepted for this forecast.
	Nelphamari .	638	480	10 63	Wheat .. Pulses ...	8 " 8 "	14 " 14 "		
	Kurigram ...	939	700	60 40	Pulses ... Wheat ...	10 " 6 "	11 " 12 "		
	Gaibanda ..	760	570	14 11	Pulses .. Cheena and kaon.	10 " 10 "	16 " 16 "		
	District Total	3,188	2,650	238	......	10 "	14 "		
Bogra ...	Bogra ...	1,452	913	420	Musoor ... Khesari . Linseed .. Mustard ... Wheat ... Til ... Gram ... Barley .. Maskalai .. Kherachi ..	15 annas 10 " 12 " 12 " 16 " 14 " 14 " 12 " 14 " 12 "	18 annas 18 " 14 " 16 " 16 " 12 " 12 " 12 " 10 " 12 "	The cultivation of most of these crops, especially mustard, has been considerably extended this year over a large area usually bearing rice, where the rice crop either was not planted or failed owing to the scantiness of the rain in 1891. The long drought between the middle of November 1891 and middle of February 1892 prevented the growth of mustard, and of a few other crops, but the rest started well in favourable circumstances early in the season, and did very fairly. The heavy rain and the silt left by the high floods increased the outturn in 1891 of the crops for which the land had to be ploughed since the third week of October 1890; but those (*e.g.*, maskalai) which were then on the ground suffered from the floods, and others were retarded by the difficulty of timely preparation. Some damage was done at the beginning of November 1890 by locusts in the north-west of the district.	
	District Total	1,452	913	420	......	14 "	14 "		
Pabna ...	Sadar ...	890	744	95 169 22 28 19	Pulses ... Oilseed ... Wheat ... Barley .. Cheena ...	10 annas 8 " 5 " 4 " 4 "	10 annas 10 " 7 " 7 " 9 "	Absence of flood-water, insufficient rainfall, and deposits of silt, are the main causes of the deficiency of the outturn this year. Failure of the rice crop increased the area sown under oilseeds and sunn.	No rain fell from the 14th of November up to the 8th of February. This greatly impeded the development of the crops, which had started well with the showers that fell in the first week of November. The area estimated to be under rabi crops seems to be too large.
	Serajgunj ...	957	718	186 96 45	Pulses .. Oilseed ... Sunn ..	8 " 10 " 16 "	16 " 11 " 11 "		
	District Total	1,847	1,462	658	..	8 "	10 "		
Darjeeling.	Siliguri ...	253	180	12	Brinjal ... Mustard .. Onion and garlic. Til ... Potato ... Pulses ...	10 annas	11 annas	Deficiency of seasonable rainfall caused the outturn to be less than that of the previous year.	
	Kurseong ...	185	20	9	Pulses .. Onion . Potato .. Peas ... Mustard ...	13 "	13 "		
	Kalimpong ... Darjeeling ...	726	92	18	Wheat .. Barley .. Mustard Kalai ...	10 "	11 "	Deficiency of seasonable rainfall caused the outturn to be less than that of previous year.	
	District Total	1,134	292*	39	......	11 "	12 "		
Julpaiguri	Baikantpur pargana.	447	298	33	Mustard ... Potato . Pulses ...	10 annas 10 " 8 "	8 annas 10 " 6 "	The estimated outturn of the different crops of the current year in all the sub-divisions is greater than those of the previous year. A larger area was sown this year. There was not much rain in February, which proved beneficial to the crops.	The total area of the district, as given in the latest Bengal Administration Report, is 2,952 square miles. Last year the area in column 4 for Boda was given as 295 square miles. This year it is given as 275 square miles by the Deputy Commissioner, who states that the figures of that year were over-estimated.
	Boda pargana	402	275	40	Kaon ... Potato ... Mustard ... Wheat ... Pulses ...	8 " 11 " 11 " 8 " 8 "	6 " 8 " 8 " 7 " 6 "		
	Patgram pargana.	87	60	4	Mustard ...	12 "	8 "		
	Mynagori ...	524	219	34	Mustard ... Potato ... Pulses ..	14 " 14 " 14 "	12 " 12 " 12 "		
	Alipur ...	1,277	414	54	Mustard ... Potato ... Pulses ...	9 " 10 " 10 "	8 " 8 "		
	District Total	2,737	1,266	165	......	10 "	8 "		

* This excludes the area under tea cultivation.

1	2	3	4	5		7	8	9	10
DISTRICT.	Sub-division.	Total area of sub division in square miles.	Total area estimated to be under cultivation in square miles.	Estimated area under *rabi* crops in square miles.	Names of principal *rabi* crops of sub-division.	Estimated outturn expressed in annas of current year's *rabi* crops.	Estimated outturn of previous year's *rabi* crops.	Remarks by the District Officers.	Remarks by the Agricultural Department, Bengal.
					DACCA DIVISION.				
Dacca ...	Sadar ..	1,266	633	80 10 5 25 10 5 5 10 5 2 25 3 2	Mustard ... Peas . Musoor ... Maskalai ... Khesari .. Chillies .. Barley .. Cheena ... Kaon ... Safflower ... Moong ... Gram Keara .	8 annas 8 „ 8 „ 10 „ 8 „ 10 „ 12 „ 8 „ 8 „ 10 „ 8 „ 8 „ 6 „	12 annas 10 „ 8 „ 9 „ 10 „ 10 „ 12 „ 12 „ 11 „ 13 „ 8 „ 10 „ 10 „	Deficiency of rain in December 1891 and subsequent months has affected the outturn this year. Last year also the deficiency of outturn was due to want of rain in November and December 1890 and January 1891.	The total area of the district, as given in the latest Bengal Administration Report, is 2,766 square miles.
	Narainganj ...	641	350	9 7 6 10 3 2 2 6 5	Khesari . Masuri ... Peas ... Mustard .. Keora ... Cheena .. Kaon Moong ... Maskalai ...	8 „ 8 „ 8 „ 12 „ 6 „ 8 „ 8 „ 14 „ 14 „	8 „ 8 „ 8 „ 12 „ 8 „ 12 „ 12 „ 8 „ 8 „	The deficiency of outturn of these crops this year, except mustard, moong, and maskalai, is due to want of rain. Last year want of rain caused injury to the pulses.	
	Munshiganj ...	401	200	20 30 10 10	Mustard . Pulses ... Cheena ... Kaon ..	8 „ 8 „ 10 „ 10 „	10 „ 10 „ 12 „ 12 „	The deficiency of rainfall has affected the outturn of these crops both this and in the previous year.	
	Manikganj ...	489	366	15 25 20 20	Mustard . Peas . Maskalai ... Khesari	6 „ 10 „ 10 „ 4 „	6 „ 1 „ 6 „ 1 „	Deficiency of rain in December 1891, January and February 1892, has affected the full development of these crops this year.	
	District Total	2,797	1,549	387	......	8 „	9 „	Last year want of rain in November and December 1890, a d January 1891, was the chief cause of the poor outturn of these crops.	
Faridpur	Sadar ...	860	602	120	Mustard .. Peas . Moong Khesari ... Kalai .. Musoor ... Gram .. Barley ...	6 annas	8 annas	The total absence of rain after the crops had been sown has affected the full development of the crops. They have also been damaged to some extent by the recent hailstorms.	
	Goalundo ...	428	321	160	Mustard Rape-seed ... Linseed .. Musari ... Peas .. Gram ... Moong .. Kalai ... Khesari ... Coriander-seed Cheena . Wheat .. Barley ...	8 „	4 „	The weather and other conditions were more favourable this year than last year.	The rainfall was deficient throughout the season, being up to the 26th of March 3·96 inches below the normal. The crops last year were damaged to a considerable extent by floods.
	Madaripur ...	979	653	150	Mustard ... Khesari ... Miscellaneous rabi crops. Til ...	16 „ 8 „ 12 „ 8 „	14 „ 10 „ 12 „ 10 „	Mustard has [illegible] a very successful [illegible] owing to the early subsidence of floods. Khesari was damaged by heavy rain in November. Til is not yet harvested. Want of rain has been very injurious to this crop. Other rabi crops are also affected by the same cause.	
	District Total	2,267	1,575	430	... ...	10 „	10 „		
Backerganj.	Barisal	1,111	698	125	Khesari, kalai, musori, mustard, moong, chillies, til, linseed, and onion.	6 annas	7 annas	The poor outturn of this year's rabi crop is due to want of rain throughout the season, and that of last year was due to want of rain as well as to excessive rainfall.	The total area of the district, as given in the latest Bengal Administration Report, is 3,648 square miles.
	Pirojpur .	692	500	15	Musoor ...	12 „	9 „		
	Patuakhâli ...	1,231	500	4	Moong ... Musuri ...	9 „	9 „		
	Bhola ...	615	400	16	Chillies ... Khesari ... Linseed ... Moong ...	4 „	9 „		
	District Total	3,649	2,098	160	......	8 „	8½ „		
Mymensingh.	Sadar ..	1,849	1,070	110 108 75	Mustard .. Pulses ... Miscellaneous	13 annas 7 „ 8 „	8 annas 6 „ 6 „	The outturn seems to be better this year than in the previous year (excepting the sub-division of Tangail) owing to the greater portion of the soil not being covered by heavy floods as in the previous year. The rainfall this year has also been sufficient, and the crops have not been damaged by insects.	The total area of the district, as given in the latest Bengal Administration Report, is 6,332 square miles. The outturn for Kishorganj seems to have been overestimated, as, like Tangail, the rainfall throughout the season was much below the normal. The area under mustard seems to be over-estimated. The Collector now gives 585 square miles as the area under mustard. In the returns of Agricultural Statistics submitted by him to this Department, the area under oil-seeds is only 211·80 square miles.
	Kishorganj ...	744	350	9 80	Mustard ... Pulses .	14 „ 12 „	10 „ 13 „		
	Netrokona ...	1,389	694	18 27 12	Mustard ... Pulses .. Miscellaneous	16 „ 16 „ 16 „	12 „ 14 „ 14 „		
	Jamalpur ..	1,289	930	248 79	Mustard ... Pulses ...	13 „ 13 „	8 „ 8 „		
	Tangail ..	1,041	781	200 320	Mustard ... Pulses ...	10 „ 10 „	15 „ 15 „		
	District Total	6,312	3,825	1,286	......	12 „			

1	2	3	4	5	6	7	8	9	10
DISTRICT.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation in square miles.	Estimated area under *rabi* crops in square miles.	Names of principal *rabi* crops of sub-division.	Estimated outturn expressed in annas of current year's *rabi* crops.	Estimated outturn of previous year's *rabi* crops.	Remarks by the District Officers.	Remarks by the Agricultural Department, Bengal.
					CHITTAGONG DIVISION.				
Tippera...	Commilla or Sadar.	1,142	856	50	Mustard ...	8 annas	10 annas	The want of rain has affected the outturn of the current year's crops, with the exception of chillies, kalai, and til.	
				11	Onions ...	8 ,,	9 ,,		
				67	Chillies .	11 ,,	10 ,,		
				43	Khesari ...	8 ,,	8 ,,		
				42	Moong ...	9 ,,	10 ,,		
				44	Kalai ...	12 ,,	10 ,,		
				28	Linseed ...	8 ,,	9 ,,		
				27	Til ...	12 ,,	11 ,,		
	Brahmanbaria	769	553	112	Pulses ..	18 ,,	12 ,,	The water subsided early and sowing could be made earlier this year: hence the increase in the outturn.	
					Mustard ...	18 ,,	13 ,,		
					Til .	16 ,,	12 ,,		
					Chillies ..	18 ,,	12 ,,		
					Onions ...	16 ,,	12 ,,		
					Garlic ...	16 ,,	12 ,,		
					Turmeric ...	16 ,,	12 ,,		
					Coriander seed	16 ,,	12 ,,		
	Chandpur ...	580	415	12	Khesari and kalai.	13 ,,	10 ,,		
				20	Til ..	14 ,,	13 ,,		
				30	Chillies ..	13 ,,	12 ,,		
				8	Moong ..	14 ,,	13 ,,		
	District Total	2,491	1,824	193	...	13 ,,	11 ,,		
Noakhali.	Sadar ...	1,298	1,000	33	Chillies ..	8 annas	9 annas	The outturn of this year was less than the average on account of want of rain.	
				10	Linseed ...	8 ,,	9 ,,		
				5	Garlic .	8 ,,	9 ,,		
				12	Mustard ..	5 ,,	9 ,,		
				19	Onion	7 ,,	9 ,,		
				8	Til ...	9 ,,	9 ,,		
				25	Moong ..	8 ,,	9 ,,		
				52	Khesari ..	8 ,,	9 ,,		
				6	Kalai ..	7 ,,	8 ,,		
	Fenny ...	343	280	5	Potato ...	9 ,,	14 ,,		
				1	Til .	5 ,,	9 ,,		
				5	Mustard ...	7 ,,	10 ,,		
				10	Chillies .	9 ,,	12 ,,		
				3	Onion ...	9 ,,	9 ,,		
				3	Linseed ..	7 ,,	12 ,,		
				3	Garlic	8 ,,	9 ,,		
				4	Moong ..	7 ,,	12 ,,		
				8	Khesari .	7 ,,	9 ,,		
				5	Kalai	10 ,,	14 ,,		
				5	Musuri ..	6 ,,	9 ,,		
	District Total	1,641	1,280	213	...	8 ,,	9 ,,		
Chittagong.	Sadar ...	1,630	815	29	Chillies	2 annas	3 annas	There has been no rain whatever from the month of Aswin last, and this has seriously affected the rabi crops.	Although the rainfall has been defective, the Collector's remark is not quite accurate. The rainfall records show that rain fell both in Cox's Bazar and in the Sadar sub-division in the third week of October, in the first fortnight of November, and in the third week of December. The area (246 square miles) under rabi crops seems to have been over-estimated.
				25	Kalai .	11 ,,	16 ,,		
				27	Khesari ..	11 ,,	15 ,,		
				20	Moong .	4 ,,	7 ,,		
				9	Mustard ...	16 ,,	18 ,,		
				18	Sweet potato	12 ,,	15 ,,		
				2	Gourds .	6 ,,	7 ,,		
				7	Melons .	8 ,,	12 ,,		
				13	Kachoo	10 ,,	16 ,,		
				4	Til ..	12 ,,	14 ,,		
				11	Hemp	12 ,,	15 ,,		
	Cox's Bazar ..	937	655	81	Chillies .	11 ,,	14 ,,		
					Brinjal ..				
					Onions ...				
					Mustard .				
					Kalai ...				
	District Total	2,567	1,470	246	...	10 ,,	13 ,,		
Chittagong Hill Tracts.	Sadar ...	3,583·5, of which 1,052·5 are reserved forests.	35 jum land; 8 ploughed land.	4	Mustard ...	6 annas	3 annas	Drought considerably retarded the progress of both mustard and chillies. Mustard was also affected by locusts in some places.	
					Chillies ..	5 ,,	8 ,,		
	Sungoo ...	1,835·5, of which 362·5 are reserved forests.	18 jum land and about 5 ploughed land.	3	Mustard ...	6 ,,	14 ,,		
					Chillies ..	8 ,,	8 ,,		
	District Total	5,419	66	7	......	6 ,,	8 ,,		
					PATNA DIVISION				
Patna ...	Bankipur	617*	457	60	Pulse ..	4 annas	8 annas.	The partial failure this year was due to deficient rain. Last year excessive rain and hailstorms when the crops were ripening caused much damage.	The total area of district, as given in the latest Bengal Administration Report, is 2,075 square miles.
				60	Gram ..				
				60	Wheat ..				
				40	Barley ..				
				60	Rahar ...				
	Barh ..	526	405	50	Wheat ..	8 to 10 ,,	16 ,,	During the current year there was no rain at the time of ploughing and sowing, nor any deposits of silt from flood water. Hence the outturn is not as good as in the previous year. Want of rain later on only added to the deficiency. Last year a bumper crop was expected, but rain and hail damaged the crops to a considerable extent.	
				40	Barley ...				
				48	Gram ..				
				20	Peas ...				
				78	Khesari ..				
				13	Masoor .				
				8	Linseed ...				
				7	Mustard ..				

1	2	3	4	5	6	7	8	9	10
DISTRICT.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation in square miles.	Estimated area under *rabi* crops in square miles.	Names of principal *rabi* crops of sub-division.	Estimated outturn expressed in annas of current year's *rabi* crops.	Estimated outturn of previous year's *rabi* crops.	Remarks by the District Officers.	Remarks by the Agricultural Department, Bengal.
				PATNA DIVISION—*concluded.*					
Patna—*continued.*	Dinapore ...	143	118	15 25 14 7 9 11 3 2 2	Gram ... Barley ... Peas .. Wheat ... Musoor . Oat ... Khesari ... Arhar .. Oilseed ...	8 annas	12 annas	Scanty rainfall throughout the season rendered a large tract of land unfit for cultivation; hence the decrease in area as well as in the outturn. Last year the rainfall was favourable for rabi crops.	
	Bihár ...	793	575	110 36 45 42 20 19 17	Wheat ... Barley .. Gram ... Peas ... Musoor .. Arhar .. Khesari ..	8 ,,	16 ,,	On account of deficient rainfall at the sowing season, the area under cultivation is less than last year. This year the cultivation was managed by irrigation. Last year the outturn was damaged by hailstorms at the time of harvesting.	
	District Total	2,079	1,555	862	...	7 ,,	13 ,,		
Gaya ...	Sadar ...	1,839	1,434	375	Khesari ... Wheat .. Gram .. Barley Peas Musoor .. Linseed and other cereals.	6 annas	14 annas	The deficiency of outturn is due to the scanty rainfall throughout the year.	
	Nowada ...	1,020	267	44	Wheat Barley ... Gram . Peas ... Musoor and other crops.	7 ,,	10 ,,	The deficiency of rain has very much affected the outturn of the crops of the current year.	
	Jehanabad ...	607	420	280	Khesari . Wheat .. Gram ... Barley . Peas .. Musoor and other crops.	7 ,,	14 ,,	The decrease in the outturn of rabi crops is chiefly due to want of rain in Agraháyan and Paus.	
	Aurungabad ..	1,246	747	365	Wheat ... Barley ... Gram ... Linseed .. Musoor and other crops.	8 ,,	13 ,,	The year's rainfall being very scanty, want of moisture in the soil prevented the usual area being sown.	
	District Total..	4,712	2,868	1,064	.	7 ,,	13 ,,		
Shahabad	Arrah ..	9 5	381	42 16 15 55 42 16 20 20 15	Gram ... Barley .. Linseed .. Mustard ... Wheat ... Musoor . Khesari ... Arhar . Tori ...	10 annas	13 annas	Deficiency of rain throughout the season affected the crops.	The total area of the district, as given in the latest Bengal Administration Report, is 4,366 square miles.
	Buxar ...	656	559	15 48 50 24 25 7 21 19 18 12 19 8	Bari . Wheat . Barley . Gram ... Peas ... Oats ... Arhar ... Khesari ... Musoor ... Mustard ... Linseed ... Castor seed ...	9 ,,	12 ,,	Deficiency of rainfall at the time of sowing and entire failure of Christmas rains injuriously affected the crops.	
	Sasseram ...	1,493	875	70 50 64 48 34 33 31 6	Wheat .. Peas ... Gram ... Barley .. Arhar ... Khesari . Musoor ... Linseed ...	10 ,,	8 ,,	The fall early in October and extensive artificial irrigation helped the seed to germinate well, but protracted drought interfered considerably with the yield, notwithstanding the efforts of the agriculturists to irrigate their fields. On the whole wheat and gram have been more prosperous than in ordinary years, while arhar has suffered considerably from drought.	From the figures given by the Collector in column 7, it does not appear that arhar suffered more than wheat or any other crop from drought.
	Bhabuah ..	1,301	714	80 45 80 45	Wheat .. Gram ... Peas ... Barley ..	10 ,,	4 ,,		
	District Total	4,365	2,533	1,064	...	10 ,,	9 ,,		
Darbhanga.	Sadar ...	1,222	929	40 39 30 85 30 18 1	Barley .. Wheat Gram ... Arhar ... Mustard ... Linseed . Castor seed ...	7 annas 7 ,, 8 ,, 16 ,, 8 ,, 5 ,, 8 ,,	12 annas 12 ,, 12 ,, 10 ,, 12 ,, 8 ,, 12 ,,	The decrease in area is due to the deficiency of moisture in the soil.	
	Samastipur ...	764	611	237	Wheat ... Barley ... Peas ... Musuri .. Arhar ... Gram .. Cheena ...	8 ,, 8 ,, 8 ,, 8 ,, 16 ,, 8 ,, 8 ,,	10 ,, 10 ,, 10 ,, 12 ,, 10 ,, 10 ,, 10 ,,		
	Madhubani ...	1,340	1,100	34 44 18 93 25 30	Wheat ... Barley ... Mustard ... Arhar ... Gram ... Linseed ...	6 ,, 6 ,, 10 ,, [illegible]0 ,, 6 ,, 8 ,,	12 ,, 12 ,, 12 ,, 12 ,, 12 ,, 10 ,,		
	District Total	3,335	2,640	724	......	8 ,,	11 ,,		
Muzaffarpur.	Muzaffarpur...	1,218	960	100 100 80 100 40 10	Barley ... Wheat .. Gram ... Peas, khesari and musuri. Oilseeds ... Others ...	4 annas	14 annas	Want of rain in time is the cause of the low outturn.	The total area of the district, as given in the latest Bengal Administration Report, is 3,004 square miles.

1	2	3	4	5	6	7	8	9	10
DISTRICT.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation in square miles.	Estimated area under rabi crops in square miles.	Names of principal rabi crops of sub-division.	Estimated outturn expressed in annas of current year's rabi crops.	Estimated outturn of previous year's rabi crops.	Remarks by the District Officers.	Remarks by the Agricultural Department, Bengal.
				PATNA DIVISION—*continued.*					
Muzaffarpur—*concld.*	Hajipur ...	771	520	98 116 23 12 19 49 7 1 11 14 6	Barley ... Wheat ... Arhar ... Mustard ... Kerao ... Potatoes ... Linseed ... Poppy seed ... Gram ... Suthni ... Kulthi ...	6 annas	10 annas	Want of rain in time is the cause of low outturn.	The area (240 square miles) under wheat appears too high. In the returns of Agricultural Statistics, the approximate normal area under wheat has been taken as 109 square miles.
	Sitamarhi ..	1,014	770	20 30 20 20 60 26 15 10	Barley ... Wheat ... Peas and mustard. Arhar .. Khesari .. Linseed and masuri. Gram ... Oats ...	6 "	16 "		
	District Total	3,003	2,259	956	... ..	5 "	13 "		
Sarun ...	Sadar ...	998	849	135 65 47 25 15 10 12 10 10 6	Barley ... Wheat ... Gram ... Arhar ... Peas and mustard. Khesari ... Musuri ... Linseed ... Oilseed ... Oats ..	8 annas	16 annas	The rains failed at the end of August and in September, and the rabi crops in consequence suffered for want of moisture. The rainfall was more favourable last year.	The total area of the district, as given in the latest Bengal Administration Report, is 2,656 square miles. There was deficiency of rainfall in October, followed by the entire absence of showers in November, December, January, and up to the end of the first week of February.
	Siwan ...	853	693	200 { Barley, Wheat } 100 50 30 { Gram, Khesari, Musuri, Oats } 20	Barley ... Wheat ... Arhar ... Peas .. Gram ... Khesari .. Musuri ... Oats .. Oilseeds ...	10 to 11 annas.	13 "	This year owing to drought all the sowings did not germinate, and what has come to maturity will not yield a full crop. Last year owing to excessive moisture the preparations were begun late and the crop suffered in consequence. Wheat and barley are so often sown together that it is impossible to give a separate estimate that is worth anything.	
	Gopalganj ...	771	550	42 61 26 11 12 10 35	Wheat ... Barley ... Peas ... Gram ... Musuri ... Khesari ... Arhar ...	12 annas	15 "	The absence of the usual winter rain has injured the rabi crops.	
	District Total	2,622	2,092	932	... ..	10 "	15 "		
Champaran.	Sadar ...	1,518	1,022	43 62	Wheat ... Barley ...	6 annas 5 "	11 annas 11 "	Deficient rainfall and want of moisture were the main causes of the short outturn.	The conditions of rainfall here were similar to those of Saran.
				171	Mustard ... Linseed and other oilseeds.	7 "	10 "		
				160	Oat, gram, peas, masuri, khesari, arhar.	8 "	10 "		
	Bettiah ...	2,013	1,200	33 75 225 91 75 50	Wheat ... Linseed ... Mustard .. Barley ... Khesari ... Peas ...	6 " 8 " 8 " 6 " 6 " 6 "	11 " 10 " 10 " 10 " 9 " 9 "	The low outturn is due to deficient rainfall. In consequence of heavy rainfall in October 1890, and unusual moisture in the fields, the growth of the crops of last year was very much retarded.	
	District Total	3,531	2,222	985	... ..	7 "	10 "		
				BHÁGALPUR DIVISION.					
Monghyr	Sadar ...	1,559	1,001	903	Wheat ... Barley ... Gram ... Peas ... Khesari ... Mustard ... Linseed ... Arhar ...	7 annas	8 annas	The outturn will be small owing to the failure of rain during the sowing season and subsequently.	The total area of the district, as given in the latest Bengal Administration Report, is 3,922 square miles.

1	2	3	4	5	6	7	8	9	10
DISTRICT.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation in square miles.	Estimated area under rabi crops in square miles.	Names of principal rabi crops of sub-division.	Estimated outturn expressed in annas of current year's rabi crops.	Estimated outturn of previous year's rabi crops.	Remarks by the District Officers.	Remarks by the Agricultural Department, Bengal.
					BHAGALPUR DIVISION—*continued.*				
Monghyr *concld.*	Begusarai ...	769	577	495	Wheat .. Barley Peas . Gram ... Arhar .. Musuri ... Khesari . Mustard ... Linseed . Chillies ... Oats ...	12 annas	8 to 10 annas.		
	Jamui ...	1,59[illegible]	967	542	Wheat .. Peas . Kurthi ... Musuri .. Khesari .. Barley ... Gram ... Arhar ..	6 „	10 „		
	District Total	3,921	2,635	1,[illegible]	......	8 „	9 „		
Bhágalpur.	Sadar .	936	693	374	Wheat ... Barley ... Linseed ... Mustard ... Oats .. Gram ... Other pulses	6 annas 8 „ 4 „ 5 „ 8 „ 6 „ 6 „	12 annas 14 „ 10 „ 12 „ 16 „ 12 „ 10 „	The low estimates for this year are due to deficiency of moisture at the sowing time and failure of January and December rains. Last year's outturn was affected, especially in the case of wheat, by the heavy showers of March 1891.	The total area of the district, as given in the Latest Bengal Administration Report, is 4,226 square miles.
	Banka ...	1,185	800	106	Barley ... Wheat .. Musuri .. Gram .. Khesari .. Linseed .. Arhar .	8 „	10 „ 7 „ 12 „ 10 „ 12 „ 8 „ 10 „		
	Mudihpura ..	872	645	194	Wheat .. Mustard .. Gram Linseed ... Arhar . Cheena ... Khesari ..	3 „ 4 „ 8 „ 2 „ 10 „ 8 „ 10 „	8 „ 8 „ 12 „ 8 „ 7 „ 12 „ 12 „		
	Supaul ..	1,275	943	282	Mustard .. Wheat ... Linseed ... Arhar . Barley .	6 „ 3 „ 4 „ 12 „ 12 „	12 „ 10 „ 10 „ 8 „ 10 „		
	District Total	4,268	3,081	955	...	7 „	14 „		
Purnea	Sadar .	2,[illegible]72	1,[illegible]	371	Wheat . Barley .. Gram . Linseed .. Mustard .. Arhar .. Kalai ... Khesari .. Musuri .	3 annas 3 „ 6 „ 8 „ 6 „ 6 „ 4 „ 4 „	15 annas 16 „ 12 „ 16 „	There has been no rain since October, and the weather has been abnormally dry. This drought has seriously affected the germination and growth of the rabi crops. The rainfall last year being sufficient, the outturn of the rabi crops was satisfactory, excepting mustard and linseed, which required dry land	The total area of the district, as given in the latest Bengal Administration Report, is 4,994 square miles.
	Araria ...	1,044	500	130	Wheat .. Rapeseeds ... Gram ... Linseed ... Other crops, such as musuri, matar, khesari, &c.	8 „ 10 „ 12 „ 11 „ 8 „	10 „ 12 „ 12 „ 12 „ 12 „	The increase of the area sown this year is due to the fact that rabi crops were in many places sown on lands ordinarily under winter rice on account of the partial failure of the latter crop. The decreased outturn is due to the unusually scanty rainfall during the year, and also to the fact that no rain worth speaking of fell in the months of December, January, and February. The light shower of rain, however, that fell in February did some good to the standing crops, and had it not been for this the outturn would have been a little less than it is now.	
	Kishenganj ..	1,340	1,005	130	Khesari .. Musuri .. Kalai .. Gram ... Peas ... Moong .. Arhar .. Wheat ... Mustard ... Linseed ..	8 „ 8 „ 10 „ 6 „ 6 „ 6 „ 8 „ 6 „ 8 „ 6 „	13 „ 13 „ 14 „ 12 „ 14 „ 12 „ 13 „ 14 „ 14 „ 15 „	There has not been sufficient rain since October. All the rabi crops suffered form this cause both at ploughing time and at the time of ripening. In the previous year there was a little hail, which damaged these crops in flower, but the want of moisture in the soil was not as great as in the current year.	
	District Total	4,950	3,134	631	......	7 „	13 „		
Malda ...	Whole district	1,902	1,008	678	Wheat ... Barley ... Gram ... Kalai .. Musuri ... Oilseeds ... Peas ...	10 annas 8 „ 8 „ 10 „ 8 „ 10 „ 9 „	11 annas 9 „ 12 „ 16 „ 14 „ 13 „ 8 „	There is a decrease in area sown this year under wheat and oilseeds, which is due to low floods and deficient rainfall at the sowing season. Owing to the same cause the outturn will be low.	The total area of the district, as given in the latest Bengal Administration Report, is 1,901 square miles. The outturn was affected not only by the deficiency of rainfall during the sowing season, but also by the entire absence of rain in December, January, and the first fortnight of February, when light rain is urgently needed to enable the rabi plants to attain their full development.
	District Total	1,902	1,008	678	......	9 „	12 „		

1	2	3	4	5	6	7	8	9	10
DISTRICT.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation, in square miles.	Estimated area under rabi crops in square miles.	Names of principal rabi crops of sub-division.	Estimated outturn expressed in annas of current year's rabi crops.	Estimated outturn of previous year's rabi crops.	Remarks by the District Officers.	Remarks by the Agricultural Department, Bengal.
					BHAGALPUR—*concluded.*				
Sonthal Parganas	Dumka .	1,429	782	302	Linseed ... Surguja ... Wheat ... Til ... Renui .. Mustard .	6 annas	8 annas	Deficiency of rainfall during the sowing season this year caused a reduction in the area sown. Want of rain during the season is the cause of the short outturn throughout the district.	The total area of the district, as given in the latest Bengal Administration Report, is 5,470 square miles.
	Deoghur ...	954	258	120	Gram ... Wheat .. Linseed ... Barley ... Arhar ... Kulthi ... Kado ... Surguja ... Mustard ... Burbati . . Urid, &c. ..	13 ,, 8 ,, 2 ,, 1 ,, 8 ,, 4 ,,	10 ,, 10 ,, 10 ,, 10 ,, 10 ,, 10 ,,		
	Godda ...	967	676	200	Gram ... Wheat . Barley ... Arhar . . Khesari ... Mustard ... Peas ... Castor . . Linseed ...	4 ,, 6 ,, 4 ,, 8 ,, 4 ,, 4 ,, 4 ,, 4 ,,	4 ,, 4 ,, 4 ,, 4 ,, 4 ,, 4 ,, 4 ,, 4 ,,		
	Rajmehal ..	740	555	117	Oilseeds . Wheat ... Pulses ...	4 ,, 6 ,, 6 ,,	12 ,, 14 ,, 10 ,,	Deficiency of rain-fall has greatly affected the outturn.	
	Jamtara ...	696	195	29	Arhar .. Kulthi . . Wheat . . Barley ... Rapeseed ... Cotton ... Linseed ... Til ... Surguja .	10 ,,	10 ,,		
	Pakour ..	683	511	102	Wheat .. Barley .. Gram . . Pulses . . Oilseeds, &c....	10 ,,	9 ,,		
	District Total	5,469	2,977	870	. ..	6 ,,	8 ,,		
					ORISSA DIVISION.				
Cuttack...	Sadar ..	989	533	113	Biri .. Moong ... Kulthi . Arhar ... Gram .. Burguri ... Rasi ... Mustard .	6 annas 4 ,, 8 ,, 6 ,, 8 ,, 4 ,, 10 ,, 12 ,,	13 annas 8 ,, 16 ,, 14 ,, 16 ,, 8 ,, 12 ,, 14 ,,	The low outturn this year in the Sadar sub-division is due to want of rain at the time of sowing, attended with cyclonic wind afterwards.	The total area of the district, as given in the latest Bengal Administration Report, is 3,632 square miles.
	Banki ...	120	60	16	Kulthi ... Kolsi . . Moong . . Mustard ...	16 ,,	12 ,, 8 ,, 16 ,, 6 ,,	A good deal of silt was deposited on some of the paddy growing lands on which rabi crops were grown. There was no high wind in this part of the district. Hence a normal outturn is expected. Last year there was an excess of rain when the crops were flowering: hence the low outturn.	
	Kendrapara...	1,424	641	60	Biri ... Moong ... Kulthi . Arhar ... Burguri . . Gram . .	4 ,,	6 ,,	The force of the cyclone was more felt in this sub-division than in the Sadar.	
	Jajpur ...	1,104	500	50	Biri .. Moong ... Kulthi . . Arhar ...	16 ,, 10 ,, 12 ,, 10 ,,	10 ,, 8 ,, 10 ,, 8 ,,	The good harvest of biri is due to deposits of silt by the heavy floods of August and September. The low outturn of the other crops is attributable to want of rain in the latter part of November and the first part of December last.	
	District Total	*3,637	1,734	239	......	9 ,,	11 ,,		
Balasore	Sadar ...	1,158	700	13	Moong ... Biri ... Arhar ... Mustard ... Musoor ... Other sorts ...	12 annas	14 annas	Want of timely rain in the Sadar sub-division, and excessive rain just after sowing in the Bhadrak sub-division, caused a good deal of damage to the crops.	
	Bhadrak ...	908	608	35	Arhar ... Moong ... Mustard ... Biri ... Khesari ... Burguri ... Gram ... Kulthi ... Til ...	13 ,,	14 ,,		
	District Total	2,066	1,308	48	......	12½ ,,	14 ,,		

1	2	3	4	5	6	7	8	9	10
DISTRICTS.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation in square miles.	Estimated area under rabi crops in square miles.	Names of principal rabi crops of sub-division.	Estimated outturn expressed in annas of current year's rabi crops.	Estimated outturn of previous year's rabi crops.	Remarks by the District Officers.	Remarks by the Agricultural Department, Bengal.
					ORISSA DIVISION—*concluded.*				
Puri ...	Sadar ...	1,483	720	58	Moong ... Kulthi ... Kalai ... Khesari ... Arhar ...	5 annas 7 „ 4 „ 4 „ 2 „	7 annas 12 „ 10 „ 10 „ 8 „	The cyclone of the 5th November last did much harm to kulthi, arhar, &c., and made the lands unfit for timely cultivation. Another reason of the short outturn is that there has been no rain since then. Last year the season was favourable.	The total area of the district, as given in the latest Bengal Administration Report, is 2,472 square miles.
	Khurda ...	990	416	43	Moong ... Kulthi ... Biri ... Arhar ... Khes ...	8 „	13 „		
	District Total	2,473	1,136	101	.....	5 „	10 „		
					CHOTA NAGPUR DIVISION.				
Hazáribagh.	Head-quarters	4,575	2,593	379	Wheat ... Barley ... Gram ... Arhar ... Mustard .. Khesari ... Peas ... Musuri .. Linseed ...	6 annas	9 annas	The deficiency of rain during the sowing and harvesting seasons prejudicially affected the outturn.	Rain is not required during the harvesting season. It is the want of rain during the sowing and growing seasons that must have prejudicially affected the outturn.
	Giridi ...	2,446	1,280	256	Wheat ... Barley ... Gram .. Linseed ... Mustard ... Til ... Surguja ... Arhar ... Khesari	7 „	8 „		
	District Total	7,021	3,873	635	......	6 „	8½ „		
Lohardaga	......	7,804	Not known	Not known	Gram ... Surguja ... Barley ... Mustard ... Til ... Wheat ... Musoor ... Khesari ... Arhar .. Kulthi ... Bodi ...	4 annas 4 „ 6 „ 3 „ 4 „ 4 „ 5 „ 12 „ 4 „ 5 „ 5 „	8 annas 8 „ 10 „ 4 „ 5 „ 7 „ 8 „ 12 „ 9 „ 6 „ 6 „	In consequence of a total absence of rain at the time of sowing, the outturn this year is less than that of the last year. Last year's crop also suffered a good deal for want of rain at the sowing time, but not so much as in the present case.	The total area of Lohardaga, including Palamau, as given in the latest Bengal Administration Report, is 12,044 square miles There has been a want of rain not only at the time of sowing, but throughout the rabi season.
	District Total	7,804	......	......	......	5 „	8 „		
Palamau...	Palamau *	4,260	2,000	500	Gram ... Wheat ... Barley ... Arhar ... Mustard ...	5 „	8 „	Owing to want of rain at the sowing time, neither was the normal area sown, nor has the crop in the sown area been a full one. The failure of last year's crop was also due to the same cause.	The Deputy Commissioner says that the area of Pargana Tori transferred to Palamau is not known. The area and other particulars of the sub-division alone are therefore given in the present statement.
	District Total	4,260	2,000	500	......	5 „	8 „		
Manbhum.	Head-quarters	3,344	1,300	6 20 40 30 40 100	Gram ... Barley ... Biri ... Arhar ... Mustard ... Wheat ..	6 annas 6 „ 6 „ 6 „ 10 „ 6 „	6 annas 6 „ 8 „ 8 „ 16 „ 12 „	The decrease is due to deficiency of rainfall.	
	Gobindpur ..	803	300	4 12 20 22 20 12	Gram ... Barley ... Biri ... Arhar ... Mustard ... Wheat ..	6 „ 6 „ 4 „ 8 „ 6 „ 6 „	6 „ 6 „ 4 „ 12 „ 16 „ 8 „		
	District Total	4,147	1,600	326	......	6 „	9 „		
Singbhum.	Kolhan Pargana.	1,256	568	40	Mustard ... Wheat ... Linseed ... Gram ... Arhar ...	8 annas	10 annas	At the time of sowing the rabi crops this year there was a good deal of rain and seeds were damaged; again, when rain was needed it kept off, and the decrease in the outturn was the result. Last year the rabi crops gave, on the whole, a good outturn owing to seasonable rainfall.	The total area of the district, as given in the latest Bengal Administration Report, is 3,753 square miles.
	Chaibassa ...	1	......						
	Ghalsitta ...	1,173	624	115	Surguja ... Mustard ... Linseed ... Moong and rahar. Gram ... Beri ... Jara ...	10 „	15 „		
	Monaipur ...	803	17	3	Gram ... Rahar ... Linseed ... Wheat ...	12 „	14 „		
	Chakradharpur	616	590	130	Gram ... Kulthi ... Surguja ... Mustard ... Rahar ...	12 „	14 „		
	District Total	3,849	1,799	288	......	11 „	13 „		
	GRAND TOTAL FOR THE WHOLE OF BENGAL ...	152,890	84,425	22,780	......	......	......		

* These figures exclude the area in the Lohardugga district, and in Pargana Tori of the District of Palamau.

STATEMENT IV.—*Showing estimated outturn of important Special Crops such as Jute, Tobacco, Ganja, Sugarcane, Opium, Mulberry.*

1	2	3	4	5	6	7	8	9	10
DISTRICT.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation in square miles.	Name of special crop.	Estimated area under special crop in square miles.	Estimated outturn in annas of current year's crop.	Outturn in annas of preceding year's crop.	Remarks by the District Officers.	Remarks by the Agricultural Department, Bengal.
				BURDWAN DIVISION.					
Burdwan...	Sadar ...	1,242	993	Sugarcane ... Tobacco ... Onions ... Potato ... Ginger ...	10	8 10 8	9 10	......	The total area of the district, as given in the latest Bengal Administration Report, is 2,689 square miles.
	Culna ...	432	350	Jute ... ... Sugarcane ... Potato ... Indigo ...	20 30 40 10	12	16		
	Katwa ...	352	205	Sugarcane ... Turmeric ... Jute and Sunn Tobacco ...	4	12 6	9		
	Raniganj ...	671	308	Sugarcane ...	2	12 to 14	14	The decrease is due to deficiency of rainfall.	
	District Total	2,697	2,006	... ..	116	......	......		
Bankura...	Sadar ... Bishenpur ...	1,921 700	361 574	Sugarcane ... Sugarcane ...	18 12	12 14	10 14	Deficiency of rainfall has affected the outturn.	
	District Total	2,621	1,025	......	30	......	.....		
Birbhum..	Suri (Sadar)... Rampur Hat...	1,108 648	777 468	Sugarcane ... Mulberry ... Jute	54 20 7	12 10 10	12	......	The total area of the district, as given in the latest Bengal Administration Report, is 1,752 square miles. Want of rain was felt during the time of ploughing. In the month of May the rainfall was excessive. In the rainy months the actual fall was much below the normal, hence the low outturn. The area for sugarcane seems to be over-estimated. In the returns of agricultural statistics, the area is shown as 11 square miles.
	District Total	1,756	1,245	......	81	......	......		
Midnapore	Sadar ...	3,252	1,920	Mulberry ... Tobacco ... Jute ... ... Sugarcane ...	105	12	12	Crops suffered a good deal owing to the deficiency of rainfall.	The total area of the district, as given in the latest Bengal Administration Report, is 5,186 square miles.
	Contai ...	881	713	Sugarcane ... Jute ... ... Mulberry ... Tobacco ...	34	10	9		
	Ghatál ...	306	228	Sugarcane ... Mulberry ...	6	12	12		
	Tumlook ...	583	437	Sugarcane ... Mulberry ... Jute ... ... Tobacco ...	10	10	10		
	District Total	5,082	3,298	......	155	......	.....		
Hooghly ...	Sadar ...	442	276	Sugarcane ... Tobacco ...	5	14 8	12 6	......	The total area of the district, as given in the latest Bengal Administration Report, is 1,701 square miles.
	Serampore ...	343	250	Sugarcane ... Jute ... Tobacco, &c.... Melons, &c.	33	13 13 2 8	13 13		
	Jahánabad ...	438	262	Mulberry ... Sugarcane ... Tobacco ...	1	4 14 2	6 12 1¼		
	Howrah ...	173	94	Sugarcane ... Tobacco ...	10	16 12	12 2		
	Oolooberiah ...	303	200	Jute ... Tobacco ... Sugarcane ... Mulberry ...	8	8	15	Owing to deficiency of rainfall at the time of cultivation, the crops have been damaged.	
	District Total	1,699	1,082	......	57	......	......		
				PRESIDENCY DIVISION.					
24-Parganas	Sadar and amalgamated part of suburbs, including late Barripur sub-division.	1,070	717	Jute ... Tobacco ... Sugarcane ... Mulberry ...	11	12	12	......	The total area of the district, as given in the latest Bengal Administration Report, is 2,132 square miles. The figure given by the Collector includes a portion of the Sunderbans.
	Diamond Harbour.	513	458	Jute ...	1	16	12		
	Barasat ...	392	253	Jute ... Tobacco ... Sugarcane ... Onion ...	30	12 8 10 12	8 8 8 12	Want of rain is the cause of the short outturn.	
	Basirhat ...	530·47	439	Jute ... Tobacco ... Sugarcane ...	34	16	8	These are the only special crops grown in Basirhat sub-division. Seasonable rainfall at the time of ploughing and sowing proved beneficial to the growth of the crops. Average outturns have consequently been estimated for the sub-division.	
	Barrackpore... Dum-Dum ...	42 56	10 36	Jute ... Sugarcane ... Jute ...	47	10 10	12 12		
	District Total	2,603	1,908	......	123	......	......		
Khulna ...	Sadar ...	1,573	390	Jute ... Tobacco ... Sugarcane ...	12 1 2	12	12	......	The total area of the district, as given in the latest Bengal Administration Report, is 2,077 square miles. The figure given by the Collector includes a large portion of the Sundarbans, hence the difference between the two figures. The area under jute seems to have been over-estimated. In the final forecast of the jute crop for 1891, the Collector stated that the area under jute was less than the normal. The area now given is double the normal. The area under sugarcane appears high.
	Satkhira ...	1,273	449	Jute ... Tobacco ... Sugarcane ...	64 10 35	6	10		
	Bagirhat ...	1,509	520	Jute ... Tobacco ... Sugarcane ...	10 2 20	14	14		
	Area of boundary khals and rivers of the Sunderbans in this district.	496	......						
	District Total	4,850*	1,359	......	156	......	......		

1	2	3	4	5	6	7	8	9	10
DISTRICT.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation in square miles.	Name of special crop.	Estimated area under special crop in square miles.	Estimated outturn in annas of current year's crop.	Outturn in annas of preceding year's crop.	Remarks by the District Officers.	Remarks by the Agricultural Department, Bengal.
				PRESIDENCY DIVISION—*concluded*.					
Nadia ...	Sadar	701	484	Jute ... ... Sugarcane . Mulberry ..	124	4 4 8	5 5 ...	......	The total area of the district, as given in the latest Bengal Administration Report, is 2,793 square miles. The rainfall records show that Nadia, like most of the districts of South-West Bengal, suffered from deficiency of rainfall, hence the comparatively low outturn.
	Chuadanga ...	137	272	Sugarcane .. Tobacco ... Jute ...	25	8 6 8	6 7 12		
	Kushtia .	588	441	Jute . ... Sugarcane ... Tobacco ..	104	8	8		
	Meherpur ..	627	500	Jute . ... Tobacco . Sugarcane . Turmeric ... Indigo	54	4 4 10 10 16	9 9 9 12 18		
	Ranaghat ...	427	256	Jute .. ... Sugarcane .. Tobacco .	48	14 8 14	8 6 12		
	District Total	2,780	1,953	.. ..	355	....	.....		
Jessore ...	Sadar ...	883	475	Jute . . Tobacco ... Sugarcane ..	25	16 16	... 16 16	Sugarcane was destroyed by floods last year. For want of seasonable rain, people could not sow or plant the crops. The plants were very good at the sowing season, but insects damaged them, and a lower estimate of the outturn has therefore been made. The prospects of sugarcane have been good.	
	Bangaon .	649	389	Jute .. Tobacco . Sugarcane .	50	16 10	... 16 3		
	Narail .	487	293	Jute .. . Tobacco .. Sugarcane	23	12 10 12	14 16 14		
	Magurah ...	425	268	Jute .. ... Sugarcane ...	6	12 16	14 10		
	Jhenidah ...	475	320	Jute ... ... Sugarcane .. Tobacco	28	6 10 12	... 10 ..		
	District Total	2,925	1,745	..	132		... ..		
Murshidabad.	Sadar ...	752	519	Mulberry .. Jute ... Sugarcane . Tobacco Indigo ..	157	12 10 14 12 14	14 10 11 12 14	The outturn is below the average owing to deficient rainfall.	The total area of the district, as given in the latest Bengal Administration Report, is 2,141 square miles.
	Lalbag	372	257	Jute ... ... Tobacco Sugarcane Mulberry .. Other crops ..	64	12	12		
	Jangipur .	508	351	Jute .. . Sugarcane Indigo .. Mulberry .	35	12 12 12 10	12 10 12 8		
	Kandi ..	512	353	Sugarcane . Mulberry Jute .	71	12	16		
	District Total	2,144	1,480	... ..	327	.	.		
				RAJSHAHI DIVISION.					
Dinajpur ...	Sadar Thakurgaon .	4,118	2,600	Jute ... Tobacco . Sugarcane .. Ganja ...	220	10 16 12 12	18 12 14 12	The rainfall was excessive at the time of sowing and insufficient in June last year. Some damage was also caused to jute by locusts. Hence the outturn was low. The increase in the outturn of tobacco this year is due to timely rain at the time of sowing.	The total area of the district, as given in the latest Bengal Administration Report, is 4,117 square miles. Excess of rain in May not only affected sugarcane, but also decreased the outturn of jute, by submerging the seedlings just after they were sown.
	District Total	4,118	2,600		220		.. ..		
Rajshahi ...	Sadar ...	944	588	Jute ... Tobacco ... Sugarcane . Mulberry .	85 2 32 25	8 6½ 12 11	16 6 10 14	The cultivators could not steep jute owing to insufficient inundation, and hence the decrease in outturn. The high demand of last year for molasses induced the cultivators to grow sugarcane to a very large extent, hence the increase in area under sugarcane.	The total area of the district, as given in the latest Bengal Administration Report, is 2,329 square miles. The outturn is below the average owing to the want of rain at the time of ploughing, and heavy rainfall at the time of sowing.
	Nator ...	817	612	Jute ... Tobacco ... Sugarcane ..	52	... 14 14	... 14 7		
	Nowgong ..	603	500	Jute ... Tobacco .. Ganja ... Sugarcane .	140 15 2 10	12 12 16 14	16 10 8 16	The decrease in area shown this year at Nowgong is due to the bad market of the previous year.	
	District Total	2,364	1,700	......	363	......	... .		
Rangpur ...	Rangpur ...	1,151	900	Potatoe ... Brinjal ... Jute ... Tobacco ... Sugarcane ... Indigo ... Chillies ...	50 10 125 80 80 15 10	12 12 14 14 10 12 12	.... 16 16 14 12		
	Nilphamari ...	638	480	Jute ... Tobacco ... Sugarcane ...	125 80 30	12 14 16	14 14 14	This year's outturn is less than last year's, owing to deficient rain.	
	Kurigram ...	839	700	Jute ... Tobacco ... Sugarcane ...	100 45 30	9 10 14	16 16 16		
	Gaibanda ...	760	570	Jute ... Sugarcane ...	80 40	8 16	15 10		
	District Total	3,458	2,650	......	900	......	......		

1	2	3	4	5	6	7	8	9	10
DISTRICT.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation in square miles.	Name of special crop.	Estimated area under special crop in square miles.	Estimated outturn in annas of current year's crop.	Outturn in annas of preceding year's crop.	Remarks by the District Officer.	Remarks by the Agricultural Department, Bengal.
				RAJSHAHI DIVISION—*concluded.*					
Bogra ...	Bogra	1,452	913	Jute ... ... Tobacco ... Mulberry ... Ganja .. ... Sugarcane ... Potatoes ... Onions and others.	...... } 5 } 28 18 19	...... { 15 16 15 18 16 16	...... 12 18 12 12 12 18	The area of the principal special crops was extended in 1891 over part of the area usually cultivated with rice, because of the short rainfall in 1891.	The outturn for Bogra appears to have been over-estimated; although in April and May there was sufficient rain, in the following months up to the end of October, the rainfall was not enough to enable the crops to attain their proper development.
	District Total	1,452	913	.. .	70	......	... ..		
Pabna ..	Sadar ...	890	744	Tobacco ... Sugarcane ...	12 110	10 12	11 7	....	The conditions of rainfall in Pabna were similar to those of Bogra, and must have affected the outturn of the crops. In the final forecast of the jute crop for 1891, the area under jute was shown as 187 square miles. Jute has been omitted altogether by the Collector in the present statement.
	Sirajganj ...	957	718	Tobacco ...	14	10	10		
	District Total	1,847	1,462	. ....	136	... ..	......		
Darjeeling	Sadar, including Kalimpong.	726	92	Sugarcane and Tobacco.		10	10	Very little is grown in this Sub-division.	
	Siliguri ...	253	180	Jute ... ... Tobacco . Sugarcane ...	} 23	10	13	Deficiency of rainfall caused the outturn to be less than that of the previous year.	
	Kurseong ...	185	20	Tobacco and Sugarcane.		12	12	Ditto ditto.	
	District Total	1,164	292*	......	23	....	......		
Jalpaiguri	Baikantapur pargana.	447	298	Jute ... ... Tobacco ... Sugarcane ...	47 75 8	6 10 6	.... . 10 8		The total area of the district, as given in the latest Bengal Administration Report, is 2,902 square miles. The area under jute in the final forecast of the crop for 1891 is 19 square miles. The area as now given amounts to 131 square miles. The discrepancy is unintelligible. The estimated area under tobacco seems to be excessive.
	Boda	402	275	Jute ... ... Tobacco ... Sugarcane ... Ginger ...	30 11 12 5	6 11 12 10	12 8 7 8	The low price of jute in the previous year discouraged cultivators from growing this crop.	
	Patgram ...	87	60	Jute ... ... Tobacco ...	3 13	6 13	12 12	The increase in area of tobacco is due to the rise of price of this article.	
	Mynagoree ...	524	219	Jute ... .. Tobacco ... Sugarcane ...	12 } 6	14 { 10 4	12 8 4		
	Alipur ...	1,277	414	Tobacco ... Jute ... Cotton ...	45 39 10	14 16	15 12		
	District Total	3,737	1,266	......	308	......	......		
				DACCA DIVISION.					
Dacca ...	Sadar ...	1,260	633	Jute ... ... Tobacco .. Sugarcane ...	145 10 25	9 11 10	10 11 10	The poor outturn of this year's jute crop is due to deficiency of rain and flood.	The total area of the district, as given in the latest Bengal Administration Report, is 2,796 square miles. The deficiency referred to by the Collector was felt in the months of July and August.
	Narsinganj ...	641	350	Sugarcane ... Tobacco ... Jute	10 10 45	10 6 10	12 8 16		
	Munshiganj ...	401	200	Sugarcane ... Jute	10 20	12 13	12 12		
	Manickganj ...	480	366	Jute	66	7	10		
	District Total	2,707	1,549	.... .	341	.... .	...		
Faridpur...	Sadar ...	860	602	Jute ... ... Tobacco ... Sugarcane ...	70 } 1	12 { 10 14	...... 12 10	For want of seasonable rain tobacco suffered a good deal.	
	Madaripur ...	979	652	Jute ... ... Sugarcane ... Sunn ...	6 } 6	16 { 16 14	14 6 14	These crops were not damaged by heavy floods. Hence they yielded a very good outturn.	
	Goalundo ...	428	321	Jute ... ... Sugarcane ...	81 20	14 16	14 5	Sugarcane last year was an exceptionally bad crop. This year it has been a good one.	
	District Total	2,267	1,575	......	184	......	.. ...		
Backergunge.	Barisal ...	1,111	698	Hemp ... Sugarcane ... Jute ... ... Tobacco ...	3 17 27 2	} 6½	8	The poor outturn of crops in all the sub-divisions, except Perozepur, is owing to deficiency of rainfall.	The total area of the district, as given in the latest Bengal Administration Report, is 3,648 square miles.
	Perozepur ...	602	500	Sugarcane ...	13	16	15		
	Patuakhali ...	1,231	500	Sugarcane ...	1	15	15		
	Bhola	615	400	Sugarcane ... Jute	} 2	9	13		
	District Total	3,640	2,098	......	65	......	......		
Mymensingh.	Sadar ...	1,849	1,070	Jute ... ... Sugarcane ... Miscellaneous	300 39 31	4 8 5	8 4 4	Jute cultivation was much less during the year under report, hence the decrease in area under special crops. The short outturn is due to the want of rain in proper time.	The total area of the district, as given in the latest Bengal Administration Report, is 6,332 square miles.
	Kishoreganj ...	744	350	Jute ... ... Tobacco .. Sugarcane ... Potato ...	70 } 9	6 { 8 12 12	12 8 8 12		
	Netrokona ...	1,380	694	Jute ... ... Tobacco ... Sugarcane ...	25 } 11	8 { 14 14	14 14 14		
	Jamalpur ...	1,289	930	Jute ... ... Tobacco .. Sugarcane ...	} 298	{ 10 14 12	12 8 4		
	Tangail ...	1,041	78	Jute	150	8	14		
	District Total	6,812	3,825	......	933	......	... .		

* This excludes the area under tea cultivation.

1	2	3	4	5	6	7	8	9	10
DISTRICT.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation in square miles.	Name of special crop.	Estimated area under special crop in square miles.	Estimated outturn in annas of current year's crop.	Outturn in annas of preceding year's crop.	Remarks by the District Officer.	Remarks by the Agricultural Department, Bengal.
				CHITTAGONG DIVISION.					
Tippera ...	Comilla or Sadar.	1,142	556	Jute	101	12	13	Owing to want of rain, the production was less than that of the previous year.	In the final jute forecast, the outturn of jute for the district was returned by the Collector as 13 annas. This figure would more correctly represent the outturn for Chandpur than that now given, as the crop must have been affected by the heavy rain which fell during the time of sowing and weeding.
				Sugarcane ...	47	10	11		
				Tobacco .	102	8	10		
	Brahmanberia	769	553	Jute	} 300	{ ...	...		
				Sugarcane ...		16	16		
				Tobacco ...		16	16		
	Chandpur ...	580	415	Jute	60	17	14	This year's rainfall has been abundant during the sowing season of jute, hence the increase in outturn.	
				Sugarcane ..	10	14	14		
				Betelnut .	70	12	12		
	District Total	2,491	1,824	... .	690	..	......		
Noakhali	Sadar ...	1,298	1,000	Sugarcane ...	8	8	12	The outturn this year is estimated to be less than that of the preceding year on account of drought.	
	Feni ...	343	280	Sugarcane ..	20	6	6		
	District Total	1,641	1,280	... ..	28	.....	. . ..		
Chittagong	Sadar ...	1,630	815	Sugarcane ...	16	16	16	The want of rain has injuriously affected the crops.	There is a considerable difference between the area (41 square miles), now shown for sugarcane, and that (6 square miles) submitted by the Collector for the agricultural statistics published by this Department.
				Tobacco ..	22	10	16		
	Cox's Bazar ...	937	655	Tobacco ...	45	} 13	14		
				Sugarcane ...	25				
	District Total	2,567	1,470	. .	108	... .	.....		
Chittagong Hill Tracts.	Sadar ...	3,583·5 of which 1,052·5 are reserved forests.	35 jum land 8 ploughed land.	Tobacco ...	} 2	6	8	The decrease in the outturn is attributed to drought during the time of growth of the crops.	
				Sugarcane ..		8	10		
	Sungoo ...	1,835·5 of which 302·3 are reserved forests.	18 jum land 5 ploughed land.	Tobacco ...		8	8	Owing to the exceptional nature of the country, an approximate estimated area under each kind of crop has been shown.	
	District Total	5,419	66	. ....	2	......	. ....		
				PATNA DIVISION.					
Patna ...	Sadar	617	457	Poppy ..	80	12	10		The total area of the district, as given in the latest Bengal Administration Report, is 2,075 square miles. The area now given for sugarcane is very high as compared with the area (10 square miles,) returned by the Collector for the Agricultural Statistics published by this Department.
				Sugarcane ...	120	12	15		
	Barh	526	405	Tobacco ..	} 7	12	16		
				Sugarcane ...					
				Poppy ...					
	Dinapore ...	143	118	Jute	} 1	} 12	12		
				Sugarcane ...					
				Poppy .	3				
	Bihár	703	575	Sugarcane ...	8	18	} 16	This year opium was damaged by high westerly winds at the season for extraction thereof.	
				Poppy . .	5	12			
				Jute	1	16			
	District Total	2,079	1,555	......	225	......	... ..		
Gaya ...	Sadar ...	1,839	1,434	Poppy ...	152	12	10	The better outturn of poppy this year is due to the favourable weather.	There is a difference of nearly 100 square miles between the area now shown for sugarcane and the area (45 square miles), submitted by the Collector for the returns of Agricultural Statistics.
				Sugarcane ...	110	10	16		
	Arangabad ...	1,246	747	Poppy ...	15	14	12	The outturn of sugarcane has been worse for the want of moisture.	
				Sugarcane ...	9	12	12		
	Jehanabad ...	607	420	Sugarcane .	12	8	14	The decrease in sugarcane was due to the want of rain, and that of poppy was due to cloudy season in most parts of the sub-division, and fall of rain at the end of February last.	
				Poppy ...	40	14	14		
	Nawada ...	1,020	267	Poppy ...	17	9	7		
				Sugarcane ...	8	16	12		
	District Total	4,712	2,808	...	363	. . .	. . .		
Shahabad	Arrah	915	381	Jute	20	} 10	11	Sugarcane requires more rain than it has obtained. The early and strong west winds affected opium injuriously.	The total area of the district, as given in the latest Bengal Administration Report, is 4,360 square miles. Shahabad is not much of a jute-growing district. The area seems to be much over-estimated.
				Sugarcane ...	70				
				Poppy ...	60				
	Buxar	656	563	Sugarcane ..	7	14	12		
				Poppy ...	8	10	10		
	Sasarám ...	1,493	875	Tobacco ...	3	} 12	12 to 14	Cane was largely irrigated when water was available. It promised an unusually good crop, but deteriorated on account of drought. The average outturn is estimated at 12 annas. Poppy has done better than in the previous year.	
				Sugarcane ...	15				
				Poppy ...	17				
				Jute	3				
				Miscellaneous	5				
	Bhabuah ...	1,301	714	Sugarcane ...	31	9	12		
				Poppy ...	31	4	8		
				Tobacco ...	2	4	5	The fall of hailstones has done much damage to the crops, specially to the poppy flowers.	
	District Total	4,365	2,533	......	211	......	......		
Darbhanga	Sadar ...	1,222	929	Tobacco ...	6	12	10		The figure (114 square miles), now given for sugarcane, does not agree with that (6 square miles) submitted by the Collector in his returns of the Agricultural Statistics of his district.
				Poppy ...	4	12	12		
				Sugarcane ...	22	12	14		
	Madhubani ...	1,349	1,100	Tobacco ...	28	14	12		
				Sugarcane ...	86	14	14		
				Poppy ...	10	6	10		
				Jute	1	8	14		
				Castor ...	2	3	12		
	Samastipur ...	764	611	Tobacco ...	51	14	10		
				Poppy ...	5	8	10		
				Sugarcane ...	6	8	12		
	District Total	3,335	2,640	.....	231	......	......		

1	2	3	4	5	6	7	8	9	10
DISTRICT.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation in square miles.	Name of special crop.	Estimated area under special crop in square miles.	Estimated outturn in annas of current year's crop.	Outturn in annas of preceding year's crop.	Remarks by the District Officer.	Remarks by the Agricultural Department, Bengal.

PATNA DIVISION—*concluded.*

1	2	3	4	5	6	7	8	9	10
Muzaffarpur.	Muzaffarpur...	1,218	960	Jute ...				Drought and want of moisture affected the crops.	The total area of the district, as given in the latest Bengal Administration Report, 3,004 square miles. The figure for jute is manifestly incorrect. There is little or no jute in this district.
				Tobacco ...	} 90	10	14		
				Sugarcane ...					
				Poppy ..					
	Hajipur ..	771	529	Tobacco ...	....	10	12		
				Sugarcane ...	......	12	11		
				Poppy ...	....	16	12		
	Sitamarhi ...	1,014	770	Jute ...	20	6	14		
				Tobacco .	10	8	16		
				Sugarcane ...	10	8	10		
				Poppy ...	10	6	16		
	District Total	3,003	2,259	...	140	......	...		
Saran ...	Sadar ...	998	849	Tobacco ...	1	16	16	In the beginning the weather was too dry for poppy, which had to be resown about three times in some places, and its growth was stunted.	The total area of the district, as given in the latest Bengal Administration Report, is 2,050 square miles.
				Sugarcane ...	15	16	... ...		
				Poppy .	25	9	... ..		
	Sewan ...	853	693	Sugarcane ...	30	14	} 13	Poppy germinated badly. It had to be twice or thrice resown. The area of sugarcane has been extended this year, especially in the east of the sub-division. It is a good crop, but has suffered somewhat from drought.	
				Poppy ...	20	12			
	Gopalganj ...	771	550	Tobacco ...	1				
				Sugarcane ...	35				
				Poppy ...	22				
				Turmeric ...		} 8	7		
				Chilies ..					
				Potato .	} 12				
				Sweet potato					
				Palwa ...					
	District Total	2,622	2,092	. ...	171	.. ...	... ..		
Champaran	Sadar ...	1,518	1,022	Poppy ...	60	8	12	Deficient rainfall has affected the outturn of the crops.	
				Sugarcane ...	8	14	16		
	Bettia ...	2,018	1,200	Poppy ...	34	12	12		
				Sugarcane ...	23	14	16		
	District Total	3,531	2,222	......	125	......	......		

BHÁGALPUR DIVISION.

1	2	3	4	5	6	7	8	9	10
Monghyr...	Sadar	1,559	1,091	Sugarcane .	1	16	14		The total area of the district, as given in the latest Bengal Administration Report, is 3,922 square miles. The difference of outturn between Begusarai and the Sadar and Jamui Sub-divisions of the district is not intelligible.
				Poppy ...	3	16	14		
	Begusarai ...	760	577	Tobacco ...	7	8 to 10	8 to 10		
				Sugarcane ..	3	6 to 8	6 to 8		
	Jamui ...	1,593	967	Sugarcane ...	7	16	16		
				Poppy ...	25	16	16		
	District Total	3,921	2,635	......	46	......	.....		
Bhágalpur	Sadar	936	693	Sugarcane ...	......	12	12		The total area of the district, as given in the latest Bengal Administration Report, is 4,226 square miles. Figures for column 6 have not been submitted by the Collector
				Poppy ...	......	8	10		
	Banka ...	1,185	800	Sugarcane ...	......	16	12		
	Madhepura ...	872	645	Sugarcane ...	......	6	9		
	Supaul ...	1,275	943	Sugarcane ...	......	16	14		
	District Total	4,268	3,081	......	......	......	......		
Purnea ...	Sadar	2,572	1,929	Jute	100	8	16	The growth of these crops was stunted, owing to the insufficiency of moisture in the land due to the drought which has visited the district.	The total area of the district, as given in the latest Bengal Administration Report, is 4,994 square miles. In the final forecast of the jute crop for 1891, the area under this crop is shown as 92 square miles. The figure (218 square miles) now given is evidently over-estimated.
				Tobacco ...	150	8	12		
				Sugarcane ...	22	10	16		
	Araria ...	1,044	500	Tobacco ...	100	10	12	The decrease in outturn as compared with last year's figures is due to the scanty rainfall of the year.	
				Jute	13	14	16		
				Sugarcane ...	10	8	12		
	Kishanganj ...	1,340	1,005	Jute ...	105	10	13	Want of moisture in the soil affected the outturn in the current year's crops.	
				Tobacco ...	60	6	11		
				Sugarcane ..	20	16	15		
	District Total	4,956	3,434	......	580	......	.....		
Malda ...	Whole district	1,902	1,008	Jute ...		12	16	The decrease in outturn is due to deficient rainfall.	The total area of the district, as given in the latest Bengal Administration Report, is 1,901 square miles.
				Mulberry ...		13	20		
				Indigo ...	} 225	12	20		
				Tobacco ...		9	13		
				Sugarcane ...		14	16		
	District Total	1,902	1,008	.....	225	......	......		
Sonthal Parganas.	Dumka, Sadar	1,429	782	Sugarcane ...	10	12	10	(*a*) The Sub-divisional Officer of Godda reports that he cannot possibly give now estimated outturn of sugarcane as the planting is now going on. He has been asked to explain on this as he should be able to report on this year's crops.	The total area of the district, as given in the latest Bengal Administration Report is 5,470 square miles.
	Deoghur ...	954	258	Sugarcane ..	5	16	6		
	Godda ...	967	676·2	Sugarcane ...		(*a*)	......		
				Tobacco ...	} 15	10	} 6		
				Potato ...		8			
	Rajmahal ...	740	555	Sugarcane ...					
				Cotton ...	} 1	8	12		
				Hemp ...					
				Tobacco ...					
	Jamtara ...	696	195	Sugarcane ...	10	16	10		
	Pakour ...	683	511	......	.. ...	......	......		
	District Total	5,469	2,977	......	41	......	......		

1	2	3	4	5	6	7	8	9	10
DISTRICT.	Sub-division.	Total area of sub-division in square miles.	Total area estimated to be under cultivation in square miles.	Name of special crop.	Estimated area under special crop in square miles.	Estimated outturn in annas of current year's crop.	Outturn in annas of preceding year's crop.	Remarks by the District Officer.	Remarks by the Agricultural Department, Bengal.
ORISSA DIVISION.									
Cuttack ...	Sadar ...	980	533	Tobacco ... Jute ... Sugarcane ...	7 3 5	10 10 8	14 12 14	There was a heavy fall of rain in August, which affected the jute and sugarcane crops. Tobacco was damaged by the November cyclone, attended with heavy rain, in all but the Jajpur and Banki sub-divisions where the force of the cyclone was less felt, and there was also a good deal of of silt deposited on the tobacco-growing land in these two sub-divisions.	Total area of the district, as given in the latest Bengal Administration Report, is 3,632 square miles. The area for sugarcane appears too low.
	Banki ...	120	60	Sugarcane ... Tobacco ...	2	16 16	12 16		
	Kendrapara ...	1,424	641	Jute ... Tobacco ... Sugarcane ... Coriander ...	3 7 1 2	10	9		
	Jaipur ...	1,104	500	Tobacco ... Sugarcane ... Jute ...	2 3 2	16 10 12	16 16 12		
	District Total	3,637	1,734	......	37	......	.. ..		
Balasore ...	Balasore ...	1,158	700	Jute ... Sugarcane ...	7	15	14	....	Heavy rainfall in August must have somewhat affected the jute and sugarcane crops.
	Bhadrak ...	908	608	Jute ... Tobacco ... Sugarcane ...	5	15	13		
	District Total	2,066	1,308	...	12	. ....	......		
Puri ...	Sadar ...	1,463	720	Hemp ... Tobacco ...	22	 9	6 9		The total area of the district, as given in the latest Bengal Administration Report, is 2,472 square miles. The cyclone and heavy rain in November must have seriously affected the crops in the Sadar Sub-division. The actual rainfall here during this month was 15·91 inches against an average of 2·30 inches. Khurda was not affected as much, the actual rainfall being only 2·10 inches above the average.
	Khurda ...	990	416	Sugarcane ... Sugarcane ... Hemp ..	4	8 12	12 13		
	District Total	2,473	1,136	......	26	......	....		
CHOTA NAGPUR DIVISION.									
Hazaribagh	Head-quarters	4,575	2,593	Sugarcane ... Jute ... Tobacco ... Poppy ..	79	12·8	12	The deficiency of rain during the sowing and harvesting seasons prejudicially affected the outturn.	
	Giridih ...	2,446	1,280	Sugarcane ... Poppy ... Tobacco .. Jute ...	67	8	12		
	District Total	7,021	3,873	......	146	......	.. ...	... .	
Lohardaga	......	7,804	. . .	Tobacco .. Sugarcane ... Jute ..	Not known.	3 4 7	4 6	.	The total area of Lohardaga, including Palamau, as given in the latest Bengal Administration Report, is 12,044 square miles.
	District Total	7,804	.. .	......	......	......	......		
Palamau	Palamau ...	4,260	2,000	Sugarcane .. Poppy ... Jute ...	150 100 50	6 6 6	8 8	One hundred square miles sown under poppy is plainly absurd, as opium cultivation is confined to Pargana Jupla, the total area of which would not be more than 600 or 700 square miles. An enquiry will be made, and correct figures submitted in the next statement.	The figures in columns 3 and 4 evidently exclude pargana Tori, which has lately been transferred to Palamau, and of which the area is not known.
	District Total	4,260	2,000	.	300	......	......		
Manbhum	Sadar ...	3,344	1,300	Sugarcane .. Tobacco ... Indigo .. Babool ...	20 42	16 4 8 8	10 6 12 12	Decrease in outturn except in sugarcane is owing to excessive rainfall in the beginning, and total cessation towards the end of the season.	
	Govindpur ...	803	300	Jute ... .. Tobacco ... Sugarcane ...	6 14	2 4 16	4 8 12		
	District Total	4,147	1,600	.... .	82	... .	.....		
Singhbhum	Kolhan ...	1,946	973	Tobacco ... Sugarcane ...	8	16	16	Sugarcane cultivation has just commenced, and it is impossible to form an idea as to what the outturn will be.	The total area of the district, as given in the latest Bengal Administration Report, is 3,753 square miles. The outturn is required, not of the crop lately sown, but of that which has been already harvested.
	Porahat ...	660	247	Sugarcane ... Tobacco ...	7	...	16		
	Ghatsilla ...	1,173	624	Sugarcane ... Tobacco ...	62 4	12	12 16		
	District Total	3,779*	1,844*	.....	81	......	......		
	GRAND TOTAL FOR THE WHOLE OF BENGAL ..	1,63,820	84,470	......	......	......	......		

* These figures do not agree with those given by the Collector in the *rabi* forecast, hence the difference in the grand total.
† These figures exclude the area in the Lohardaga district, and in pargana Tori of the district of Palamau.

ADMINISTRATIVE SETTLEMENT REPORT OF THE DIRECTOR OF LAND RECORDS AND AGRICULTURE, BENGAL, FOR THE YEAR ENDING 30TH SEPTEMBER 1891.

REVENUE DEPARTMENT—LAND REVENUE.

Darjeeling, the 15th May 1892.

RESOLUTION—No. 150T—R.

READ—

The Annual Report of the Director of the Department of Land Records and Agriculture, Bengal, for the year ending 30th September 1891.

In September 1891 the Lieutenant-Governor issued orders that in future the Director should furnish two settlement reports in the course of the year, viz., (I) financial, for the period from the 1st April to the 31st March, consisting of a brief, mainly statistical and financial, account of the progress of settlement work, and (II) administrative, for the period from the 1st October to 30th September, containing a full account of the progress of survey and settlement work in the Province. It was laid down that the latter report should ordinarily be due to the Board on the 15th November, and to the Local Government on the 15th December. As the Director was absent on privilege leave until early in November, punctual submission of the first report was not expected, but he was desired to prepare it as soon as possible after his return. Instructions were given in the Government Resolution of the 28th September 1891, on Mr. Finucane's annual report for the financial year 1890-91, with a view to the preparation of the report in the manner required by Government. The present report, which is the first Administrative Settlement Report furnished under the new system, is a great improvement on the reports previously laid before Government. It bears, however, so late a date as the 18th March 1892, and was not forwarded by the Board until the 14th April. The Lieutenant-Governor is aware that Mr. Finucane has been constantly on tour since his return from leave, and it appears that he has been unable to obtain the material required by him from the Deputy Surveyor-General and several of the Settlement Officers. It is anything but satisfactory that the survey reports for Jalpaiguri, the Burdwan Raj khas mahals, Chittagong and Sarail, were not received by Mr. Finucane until the 11th to 30th of January (although they referred to the survey year which ends on 30th September), and that no report was furnished for Orissa. His Honour trusts that, with the appointment of Colonel J. E. Sandeman as Director of Bengal Surveys, all such irregularities will cease. No explanation has been offered for the delay in the local settlement reports. Sir Charles Elliott is willing to make due allowance for the change of system, and he agrees with Mr. Finucane in hoping that, timely notice having been given of what is required, the difficulties lately encountered will disappear, and that the next annual report will be submitted on the prescribed date.

2. Mr. Finucane has followed an intelligent order in dealing consecutively with (1) Government estates and temporarily-settled tracts, which are necessarily the most important settlement operations from a revenue point of view, (2) Wards' estates, and (3) private estates. In accordance with the orders on his last annual report, the Director has placed his account of the Orissa, Chittagong and Jalpaiguri settlements in the forefront of his report. Apart from the special position to be assigned to the Orissa, Chittagong and Jalpaiguri operations, Government also desired that an intelligent geographical order should be adopted both as regards the civil divisions and the districts and estates in those divisions. These instructions appear to have escaped notice, for the order observed has been as follows :—

(1) Government estates.		(2) Wards' estates.		(3) Private estates.	
Division.	District.	Division.	Estate.	Division.	District.
Dacca ...	Backergunge.	Burdwan ...	Burdwan Raj Khas Mahals.	Burdwan ...	Midnapore.
Chittagong	Tippera.			Ditto ...	Birbhum.
Ditto ...	Noakhali.	Bhágalpur	Srinagar-Banaili.	Rajshahi ...	Dubalhati (Rajshahi).
Dacca ...	Dacca.				
Burdwan ...	Midnapore.	Dacca ...	Dakhin Shahbázpur.	Chittagong	Tippera.
Presidency	Nadia.			Bhágalpur	Sonthal Parganas.
		Chittagong	Sarail (Tippera).		
		Orissa ...	Kujong and Kanika.		

It is evident that geographical order has not been carefully or consistently maintained, and the Lieutenant-Governor trusts that it will not be necessary to again repeat his orders on this point. The appendices have been properly totalled as desired by Government.

3. *Orissa.*—The Survey Department, as already mentioned, has furnished no report of its work in Orissa. But it appears that 361 square miles were cadastrally surveyed by the end of September 1890, and 687 square miles between that date and the end of September 1891, total 1,048 square miles. The total expenditure on the survey is stated to have been Rs. 2,19,031, or just Rs. 209 a square mile. This is a considerable increase on the rate, Rs. 165 per square mile, previously reported. It is mentioned that Mr. Patterson, the survey officer, unfortunately overlooked the survey rule which requires *parchas* or jamabandi slips to be given to the raiyats at the time of survey; also the errors and inaccuracies of the khasras prepared by the Survey Department delayed the work of attestation, and even now the records of all the villages measured by Mr. Patterson before last rains have not all been sent in. With regard to these and other matters which have come to his notice, the Lieutenant-Governor thinks it right to put on record his opinion that Mr. Patterson was entirely unfit for the position in which he was placed by the Survey Department, and that a hopeless block would have ensued had that officer not left Orissa, and had Colonel Sandeman not come in to set matters straight. Mr. H. R. Reily was in charge of the settlement since he joined on 16th February 1891 to the end of the year under report. He was assisted by Mr. Walsh, a Civilian of experience, Mr. Ambica Charan Sen, Mr. Tahiruddin Ahmed, and Mr. Baroda Charan Mitra, Statutory Civilians, Babus Hurish Chandra Roy and Chaku Lal Sarkar, besides others who from ill-health or other causes did not remain long in the Department. There were six circles and nine Assistant Settlement Officers in charge of them at different times, who were, it is said, in the field on an average 63 days each. This information would have been more valuable if the time during which they were on duty had also been mentioned. In future the Director should state for each officer the number of days (*a*) on duty, (*b*) on leave, (*c*) on tour. The six circles have lately, *i.e.*, in March 1892, been re-arranged under eight officers. The demarcation work has been transferred to the Survey Department. Up to 30th September the status of 29,190 tenants was determined and their rents recorded, and 138,042 plots were attested over an area of 83,752 acres. Jamabandi slips are now being distributed by the Survey Department, and it is hoped that in future each officer will be able to attest daily many more than 600 plots, which is the standard of work laid down, and to some extent attained, in Chittagong. No rents were settled and no land revenue assessed. Out of the 464 patwáris in Orissa, 277 were trained in survey, but their work is found to be more expensive than that of amins. Arrangements have been made also for the utilization of the kánungos as required. The expenditure on settlement during the portion of the year ending 30th September 1891, during which the work was in progress, was Rs. 45,598.

The survey and settlement of Banki, in Cuttack, were completed before March 1891, at an average cost of 7 annas and 10 pies per acre. The estimate for a non-professional survey and for settlement was Rs. 1,64,411 for the 76,800 acres of the estate; the actual cost of a professional survey has been Rs. 25,097 and of the settlement Rs. 12,598, total Rs. 37,695, the increase of revenue obtained being Rs. 7,974. The final report of the proceedings has not yet been received. The Lieutenant-Governor has already characterised this

delay as very unsatisfactory; a full explanation will be required from the Settlement Officer.

4. *Chittagong.*—Mr. Slack was in charge of the operations till the 11th of July, and Mr. C. G. H. Allen for the rest of the year under report. They were assisted by Mr. Atul Krishna Rai (for one month only), Babu Durga Charan Ghose, Babu Romesh Chunder Das, as Assistant Settlement Officers. The demarcation of the Sadar sub-division was completed with the exception of the hilly portions, the work done comprising 465 villages. The cadastral survey of 380 square miles had been accomplished by September 1890, and during the season under report 348 square miles were done, besides 112 square miles of topographical work. After September 1891 534 square miles of cadastral and 252 of new topographical survey remained, besides some important traverse work. Arrangements have been made to accelerate the rate of progress. Since the 1st January 1891 the work of preparing the records required for attestation in the Sadar sub-division has been made over to the Settlement Department. The records of 212 villages with an area of 205 square miles were handed over for settlement work. The Khanapuri of 477,682 plots was completed, and the entries regarding 306,463 plots were revised. In the Sadar sub-division the status of 33,679 tenants was determined and their existing rents were recorded. No fair-rent decisions were passed, and no land revenue was assessed. A scheme has been sanctioned for strengthening and utilising the khas tahsil establishment for the maintenance of the records.

In Old Thána Ramu the survey had been completed by September 1890. The settlement work was mainly conducted by Babu Jogendra Kumar Bose, who completed the attestation, dealing with the lands of 15,389 tenants, disposed of 558 original suits and 1,062 objections, and passed eight fair-rent decisions. Fair-rent decisions have been passed in 43 of the 50 villages in Ramu. Soil class maps are now in preparation and statements of the revenue assessable on the average soil class rates are being drawn up. The settlement expenditure amounted, during the year, to Rs. 58,892 in the Sadar and Rs. 15,389 in Ramu, the cost of the survey being Rs. 1,32,540 in the Sadar sub-division. A reasonable standard of work expected from each amín and Assistant Settlement Officer has been drawn up in Chittagong, but from the monthly progress reports received, His Honour has reason to fear that the standard required is not attained.

5. *Jalpaiguri.*—By the end of the year under report 765 square miles had been cadastrally surveyed, being practically the whole of the area under settlement. Besides this 174 miles of forest and 61 of waste lands had been surveyed, leaving 290 of forest and 340 of waste lands for the survey work of the current year. The records of 3,430 jotes were made over to the Settlement Officer. An area of 162,063 acres in 3,507 jotes in the Mainaguri tahsil was assessed during the year, giving an increase of Rs. 36,210 revenue, but the revised assessment has not been finally passed by the Commissioner. Mr. Sunder was in charge throughout the year, and was on tour for 217 days. He records the constant struggles of his subordinates with fever; he has at different times had five assistants, but the climate of the Duars has necessitated several changes among them. The three men last appointed have been employed in pargana Moraghat in collecting information preparatory to the settlement of the rates on jotes in the Falakata tahsil. It is unsatisfactory to find that some of the later records of the Survey Department were so carelessly prepared that they had to be returned for revision. The increase of revenue, amounting to Rs. 60,000, expected in the Mainaguri tahsil, is chiefly due to the extension of cultivation on nearly every jote, to the recovery of the amount which was remitted seven years ago under the reduction scheme then advocated and apparently sanctioned under misapprehension, and to the application of the rates approved for this settlement. Considerable delay has been caused by the necessity of requiring the people to record the mutations of ownership and to pay the fees due on this account. The cost of the survey during the year is separately stated to have been Rs. 1,03,658 or Rs. 1,10,784. Such discrepancies should be cleared up before this annual report is laid before Government. The expenditure on settlement was Rs. 30,459.

6. The work done in the settlement operations in progress, other than the important proceedings mentioned in the preceding paragraphs, has been sufficiently summarized in the Director's report, to which reference may be made. As the details have been reviewed for the financial year 1890-91, it is

not necessary, especially at this late date, to review them again. A very few observations only are now required. In future the Administrative Settlement Report for the year ending 30th September will be the main report of the year, and the principal comments of Government will be reserved for the Resolution on it. The Srinagar-Banaili settlement, which has been completed, will shortly come under separate review. The Lieutenant-Governor understands that the dispute as to the standard of measurement in pargana Akberabad in the Malda district has been settled *ex parte*. In Backergunge there were 27 Government estates under settlement under the Tenancy Act, and up to the close of the year under report the proceedings had cost Rs. 30,015. The Director does not mention the enhanced revenue to be set against this expenditure, but from the statements furnished by the Collector of Backergunge it appears that an increase of revenue to the amount of Rs. 5,639 has already been obtained from seven of the villages, *i.e.*, estates, and that a total increase of Rs. 25,114 is expected from the 27 estates. An explanation has been given of the discrepancies noticed in paragraph 11 of the Government Resolution of the 28th September 1891 in the number of estates under settlement. It is a matter for satisfaction that the compromise accepted by the Manager and the raiyats in Sujamutha has been worked out and brought into effect. The Lieutenant-Governor concurs with the Director that the number of days spent on tour by the Settlement Officer, Dwijendra Lall Roy, viz. 65, in spite of the orders repeatedly given to him to go into every village and dispose of objections on the spot, was utterly inadequate. The Manager of the Burdwan Raj will be informed of the want of co-operation on the part of the Raj officials which has entailed delay and extra expense.

7. The total area of Government estates and temporarily-settled tracts under survey and settlement during the year was 9,090 square miles, of which 2,381 miles had been surveyed prior to, and 1,397 miles were surveyed during, the year under report, total 3,778 square miles; the total expenditure on survey and settlement from the beginning of the operations to the end of the year being Rs. 13,04,875, and the increase of revenue actually obtained being Rs. 1,10,078, or 8·44 per cent. on the outlay. This amount does not represent anything like the increase that will be obtained when the settlement operations are completed in Chittagong, Orissa, and Jalpaiguri, which are expected to yield an increase of revenue, amounting to about eight lakhs of rupees in addition to what has been actually obtained. The total area of wards' estates under settlement is 2,226 square miles, of which 1,945 square miles had been surveyed prior to, and 50 square miles were surveyed during, the year under report, total 1,995 square miles; the increase of rental actually obtained amounted to 6·96 per cent. on the outlay. The total area of private permanently-settled estates under survey and settlement was 815 square miles (inclusive of the Sonthal Parganas estates), the increase of rental obtained being 42·49 per cent. on the outlay.

From a revenue point of view, these results may be considered to be satisfactory. There has nowhere been any serious opposition to the proceedings, nor has any serious dissatisfaction with the results been expressed, on the part of either the landlords or tenants concerned.

8. Sir Charles Elliott agrees with the Board that much labour has been bestowed on the preparation of the Director's report, and that valuable financial results will be obtained from the operations under notice. He has had occasion more than once to state the importance which he attaches to surveys and settlements on administrative and statistical grounds, and his views are corroborated by everything that comes before him, especially in a Province dominated, as Bengal is, by the permanent settlement. The work done by Mr. Finucane in supervising the Settlement Department again merits the acknowledgments of Government.

ORDER—Ordered that the Resolution be published in the *Calcutta Gazette*.

Ordered, also, that a copy of the Resolution be submitted to the Government of India in the Revenue and Agricultural Department for information, and that a copy be forwarded to the Board of Revenue, Lower Provinces, for information and guidance.

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,

Secretary to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 14th May, 1892.

Division	No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.				
BURDWAN DIVN.	1	Burdwan May 14, '92 Kalna ... Katwa ... Raniganj ...	0·98 1·24 0·12 Nil	Weather—hot and cloudy. More rain wanted for ploughing. Sugarcane and *til* not doing well. Prices slightly rising. Prices of common rice :— Srs. Sadar ... ... 10 to 16 Kalna ... ... 10 to 13¼ Katwa ... ... 12¾ Raniganj ... ... 14 per rupee.
	2	Bankura „ 14, '92 Vishnupur ...	1·45 Nil	Weather—much cooled down by the late rain. Sky still cloudy with high winds in afternoon. Rainfall of the week has facilitated ploughing in parts of the district. General rain is wanted soon. Condition of cattle much affected by insufficient supply of fodder and water. Common rice selling at 14 seers per rupee (average of the kinds of rice used by the lower and middle classes) both at Sadar and Vishnupur market.
	3	Birbhum „ 14, '92 Rampur Hát ...	0·27 1·18	Weather—cloudy with duststorms, but no general rain at all. Fodder and water scarce. Cattle are in normal condition. Prices of rice as in last week, 12 to 15 seers per rupee.
	4	Midnapore „ 14, '92	0·81	Weather—very hot; rain fell four times during the past week. Want of rain retarded ploughing. Indigo doing well. Prices of common rice :— Srs. Sadar ... ... 13 Tamluk ... ... 12 Ghatál ... ... 13 per rupee.
	5	Hooghly „ 14, '92 Serampore ... Jahánabad ...	2·09 0·29 0·91	Weather—hot; cloudy towards evening with sometimes inadequate showers. The necessity for rain continues and increases. The light showers recorded are wholly inadequate. Fodder-supply sufficient. Water-supply defective. Prices of common rice :— Srs. Ch. Sadar ... ... 9 or 10 0 Serampore ... ... 10 0 Jahánabad ... ... 12 12½ per rupee.
	6	Howrah „ 14, '92 Ulubaria ...	0·52 Nil	Weather—hot, with nor'-westers almost every alternate day. Rain wanted. Condition of cattle good. Fodder and water-supply becoming scanty. Rice 10 to 12 seers a rupee.
PRESIDENCY DIVN.	7	24-Parganas „ 14, '92	0·30	Weather—hot. On the 13th a slight thunder-storm followed by some rain. Slight rain throughout the district, but more is wanted everywhere for ploughing. Prospects not improved. Condition of cattle good. Fodder still sufficient, but scarcity of water is felt in several places. Common rice 10 to 12 seers per rupee.
	8	Nadia „ 14, '92 Kushtia ... Meherpur ... Ranaghat ...	1·72 2·49 0·77 1·89	Weather—cloudy with strong wind. Rain during the week has done much good and greatly improved prospects. Sowing of *aus* and jute going on. Common rice selling at 10 seers 10 chitaks to 13 seers 5 chitaks per rupee.
	9	Khulna „ 14, '92 Bágerhat ... Satkhira ...	2·43 2·27 2·10	Weather—hot; stormy in the evening. A fair amount of rain has fallen during the week, and ploughing and sowing of land for *aus* and *áman* progressing vigorously. Rain has improved prospects of *til* and sugarcane in Bágerhat, but more rain wanted. Common rice selling at from 11 to 15 seers per rupee. Fodder sufficient, but some inconvenience is still being felt for drinking water.
	10	Jessore „ 14, '92 Jhenida ... Magura ... Narail ... Bangaon ...	2·15 4·39 1·56 1·85 2·55	Weather—hot and cloudy, with occasional showers. Sowing of *aus*, *áman*, and indigo progressing. Prospects improved by the rain of the week. Sugarcane, *til*, and jute promising. No want of fodder, but drinking water still insufficient. Prices steady.
	11	Murshidabad „ 14, '92	0·82	Weather—hot and cloudy. Sowing of *bhadoi* going on. *Boro* paddy is being harvested. Fodder for cattle obtainable. Coarse rice sells at 11½ seers per rupee.
CHITTAGONG DIVN.	12	Chittagong „ 14, '92	6·74	Weather—hot and unhealthy. Prices stationary. Condition of cattle generally good. Supply of fodder sufficient.
	13	Noakhali „ 14, '92	3·47	Weather—seasonable. Sowing of *aus* still continues, and weeding commenced in some places. Prospects favourable. Fodder and water sufficient. No cattle-disease except in Chhagalnaya. Common rice sells at 13 seers per rupee.
	14	Tippera „ 14, '92	4·75	Weather—cloudy, stormy, cool. Sowing of *aus*, *áman*, and jute checked by frequent rain. Prospects satisfactory. Cattle-disease abating. Prices stationary.
	15	Chittagong Hill Tracts. „ 13, '92	4·44	Weather—cloudy, with occasional showers of rain. Sowing of paddy, cotton, vegetables, &c., in the *jums* still continues. The fall of rain renders much aid to the *jum* cultivation. Cattle-disease still prevailing. Common rice selling at 10 seers per rupee.

No.	District and date of return.		Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—concld.				
DACCA DIVN.				
16	Dacca	May 14, '92	1·97	Weather—hot; cloudy with high wind at intervals. Rice and jute being sown. Prospects of standing crops improved by late rain. Fodder available. Condition of cattle good. Common rice selling at from 13 to 16 seers per rupee.
17	Faridpur	„ 14, '92	1·62	Weather—stormy. Sowings almost completed. More rain wanted for high lands. Rice selling at 13½ seers per rupee at Sadar and 13 seers at Goalundo and Madaripur. Cattle in good condition and get ample fodder.
18	Backergunge Pirojpur Patuakhali Bhola	„ 14, '92	4·90 1·69 1·58 3·32	Weather—seasonable. State and prospects of crops fair. Ordinary rice sells at from 9 to 14 seers per rupee. Fodder and water sufficient.
19	Mymensingh	„ 14, '92	6·44	Weather—cool and stormy. State and prospects of crops fair. Too much rain for jute and *aus* crops. Outturn of *boro* expected to be 10 to 12 annas. Common rice is being sold at 13½ seers per rupee. Condition of cattle good. Supply of water and fodder sufficient.
RAJSHAHI DIVN.				
20	Dinajpur Thakurgaon	„ 14, '92 ...	1·58 2·36	Weather—cool and cloudy. No more rain wanted at present. Sugarcane sown to the extent of 16 annas. Standing crops doing pretty well. Price of rice both at Sadar and Thakurgaon continues unchanged; it is falling at Raiganj considerably. Condition of cattle good. Supply of fodder and drinking water sufficient.
21	Rajshahi Nator Nowgong	„ 14, '92	0·96 2·02 0·30	Weather—very hot. More rain badly wanted at Sadar. *Boro* paddy is being reaped with good outturn. *Aus* and *áman* cultivation progressing favourably. Late rain has done immense good. Fodder and water abundant. Very little cattle-disease. Common rice sells at from 10 to 15 seers per rupee.
22	Rangpur Gaibanda Nilphamari Kurigaon Ulipur	„ 14, '92	6·09 7·31 4·61 7·27 8·54	Weather—very cool for the time of year; It continues unsettled. More rain probable. Incessant rain of the past week is likely to cause some damage to crops on low lands. Fine weather wanted. Price of common rice 11 to 13 seers per rupee.
23	Bogra Sherpur Naukhila	„ 14, '92	0·32 1·77 1·73	Weather—cloudy and cool with occasional storms. State and prospects of crops good. *Aus* and jute coming on well. Fine weather required to assist weeding. Price of common rice stationary at 13½ seers per rupee.
24	Pabna	„ 14, '92	1·51	Weather—cool in the morning; hot in the afternoon, when it is also cloudy. The late heavy downpours have greatly improved agricultural prospects. Common rice selling at 13 seers per rupee. Fodder and water-supply sufficient except in Dulai. Condition of cattle good.
25	Darjeeling	„ 14, 92	3·63	Weather—fair with occasional breaks. Rain during this and previous weeks has improved prospects of crops already sown. *Bhadoi, bhutta, chhota marua, fafur* and potatoes progressing favourably. Wheat and barley being harvested. Fodder and water-supply sufficient. Some cases of cattle-disease in the hills.
26	Jalpaiguri	„ 14, '92	3·06	Weather—cool and cloudy. Rain throughout the week. Sowing of *bhadoi* and jute nearly completed. Fair weather required for weeding. Price of common rice stationary. No want of fodder and water-supply. Condition of cattle generally good.
BIHÁR.				
BHÁGALPUR DIVN.				
27	Monghyr Begusarai Jamui	„ 14, '92	Nil Nil Nil	Weather—hot by day with cool east breeze at night. Sugarcane and rice, also *cheena, kheri* and *sama* on the ground doing well. Ploughing in progress. Rain urgently wanted for *bhadoi* sowing. Condition of cattle good. Fodder sufficient. Water getting scarcer and scarcer.
28	Bhágalpur Banka Madhipura Supaul	„ 14, '92	Nil 0·10 0·32 0·29	Weather—cooler with strong east winds; mornings generally cloudy. Heavy rain urgently wanted. The light falls in the north have benefited the rice on low lands, but have not been enough for the rice and *marua* already sown on high lands. Sugarcane and indigo doing very fairly. Fodder sufficient, but water is low. Cattle are generally healthy. Common rice 11 seers 6 chitaks per rupee.
29	Purnea Kishanganj Araria	„ 14, '92	1·72 1·91 1·18	Weather—cloudy with one or two showers. Strong east winds. Sowing of *bhadoi* and jute nearly complete. Sowing of *aghani* continues. Harvesting of *kauni* and *cheena* commenced. Crops on ground doing well. Fodder and water ample. No cattle-disease. Prices of common rice:— Srs. Sadar ... ... 10 to 12½ } per rupee. Kishanganj ... ... 11 } per rupee. Araria ... ... 13 } per rupee.
30	Malda Chanchal	„ 14, '92 ...	0·01 0·65	Weather—very hot; latter part of the week cloudy, but no rain. Harvesting of *boro* paddy progressing; average estimated outturn not less than 12 annas. Seedlings of *bhadoi* rice are growing. Cow-pox reported from old Malda thana. Ordinary rice selling at from 11 to 13 seers a rupee. Supply of fodder ample.
13	Sonthal Parganas Deoghur Godda Jamtara Pakaur Rajmahal	„ 14, 92	0·51 0·05 0·47 0·39 0·35 0·12	Weather—very hot and sultry; winds easterly; occasional local storms; promises more rain. Sugarcane in need of rain. *Boro paddy* being gathered in Rajmahal. Ploughing has begun. Price of rice varies from 10 to 13 seers per rupee. Fodder and water-supply becoming scarce.

No.	District and date of return.		Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BIHÁR—*concld.*				
PATNA DIVISION. 32	Patna	May 14, '92	Nil	Weather—hot; cool in the latter part of the night. Lands being prepared for *bhadoi* crops, and *cheena* being sown in diára lands. *Boro* rice being harvested in Barh subdivision. Irrigation of *cheena* and sugarcane going on. Common rice selling at 12 seers per rupee.
33	Gaya Jahánabad Nawáda Aurangabad	" 14, '92	Nil Nil Nil Nil	Weather—very hot, with variable winds. Sugarcane and *cheena* millet doing fairly well; *cheena* has begun to be gathered. Prices of food-grains rising slowly. Supply of fodder and water very scanty. Condition of cattle bad in Aurangabad.
34	Shahabad Buxar Bhabhua Sasarám	" 14, '92	Nil Nil Nil Nil	Weather—unseasonably cool. Prevailing winds are from the east. Sky cloudy, and rain appears to be not unlikely. Millet crop is an unusually good one, and it has been largely sown where water is available, *i.e.*, where there are village wells on the tract irrigated from the Durgaoti embankment. *Boro* paddy sown on the banks of *bils* and rivers is being cut and gives good result. *Mahua* crop in the south is heavy. Price of wheat rising owing to exportation.
35	Darbhanga Madhbani	" 14, '92 ...	0·03 0·22	Weather—cloudy and high east wind. Rain very much wanted for preparation of lands for *bhadoi* sowings. Early rice on low lands and *mung* coming on well where there has been rain. Prices almost stationary. Water becoming very scarce, but fodder still sufficient.
36	Muzaffarpur Hajipur Sitamarhi	" 14, '92	Nil Nil 0·55 (on 11th May.)	Weather—hot and close with east wind. The further rainfall of ·55 inch in northern half of Sitamarhi subdivision has been of continued benefit; elsewhere rain still much wanted, and water-supply becoming scanty. *Cheena* being cut in places Prices fairly stationary since last report. Rice being imported from Motihari in considerable quantities.
37	Saran	" 14, '92	Nil	Weather—hot and seasonable. Rain much wanted for indigo and *cheena*. Water and fodder still sufficient. Prices of common rice:— Srs. Ch. Chapra ... ... 11 5 } Siwán ... ... 12 4 } per rupee. Gopalganj ... ... 12 5 }
38	Champaran Bettiah	" 14, '92 ...	0·20 0·04	Weather—hot. Cultivation is going on for *bhadoi* and *aghani* crops. Rain wanted for *marua* and *kodoa*. Paddy and other crops already sown have been to some extent benefited by the recent rain. Exportation still continues. Common rice is being sold at from 11 to 12 seers per rupee in the Sadar and 13 seers in Bettiah.
ORISSA.				
ORISSA DIVN. 39	Cuttack	" 14, '92	Nil	Weather—sultry and hot. Rain much wanted. Agricultural operations retarded for want of it. Fodder and water-supply scanty in places. Price of common rice 11 to 17 seers per rupee.
40	Puri	" 12, '92	Nil	Weather—seasonable. Rain wanted. *Dalua* being harvested. Miscellaneous crops good. Rice sells at from 12 to 15 seers per rupee.
41	Balasore	" 14, '92	0·25	Weather—very hot. A few small local showers, but water-supply becoming very scanty and cultivation very backward. Rice sells at 14 seers per rupee.
CHOTA NAGPUR.				
South-West Frontier Agency.				
CHOTA NAGPUR DIVN. 42	Hazáribágh Giridi	May 14, '92 ...	Nil Nil	Weather—intensely hot. Mango yielding moderately. Common rice selling at from 11 to 13 seers per rupee. Fodder and water scarce in many places
43	Lohardaga	" 14, '92	Nil	Weather—very hot. Rain badly wanted. Common rice selling at 13 seers per rupee. Fodder and water insufficient.
44	Palámau	" 13, '92	Nil	Weather—extremely hot and misty. Sky clouded up for a day or two. Sugarcane, the only crop on the ground, doing well. Want of rain badly felt. Common rice 13 to 14 seers per rupee. Supply of water and fodder very scanty.
45	Singhbhum	" 14, '92	Nil	Weather—very hot. No sign of rain. Mangoes coming into the market; a short crop expected owing to the very hot and dry weather. Price of rice stationary. Both water and fodder becoming scarce.
46	Manbhum Gobindpur	" 14, '92 ...	Nil 0·67	Rain has fallen in district, but not heavy enough. The drought has materially affected the young sugarcane. Outturn of *kusumi* lac 10 annas. Rice selling at from 12 to 16 seers per rupee. Fodder and water-supply scanty.

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 17*th May*, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	Air pressure. Mean barometric height, 8 A.M.	Air pressure. Mean reduced to sea-level and to lat. 45°.	Air pressure. Variation from mean.	Wind. Prevailing direction.	Wind. Mean wind velocity.	Temperature. Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean * 8 A.M. temperature.
Orissa.	Puri	Puri	29·692	29·641	—	SW	538	90·7	13th May	81·6	10, 11, 13 May	88·9	81·9	85·6	—	84·2
		Gopalpore	29·672	29·633	—·055	SSW	675	89·7	9th „	78·3	13th „	89·4	79·9	84·7	+1·3	83·6
		False Point	29·699	29·661	—·045	Sly	517	91·0	8 & 13 „	79·7	8th „	90·6	82·1	86·4	+1·8	85·9
	Cuttack	Cuttack	29·616	29·637	—·069	SW	†157	112·4	13th „	81·9	9, 10, 11 „	108·0	82·8	95·4	+6·2	88·7
	Balasore	Balasore	29·615	29·616	—·093	SSW	294	107·5	10 & 11 „	79·7	8th „	103·5	81·5	92·5	+8·4	87·4
South-West Bengal.	South-West Midnapore, South 24-Parganas	Saugor Island	29·673	29·642	—·083	S	638	93·2	12 & 14 „	78·0	14th „	92·4	83·6	88·0	+3·3	86·7
	Midnapore	Midnapore	29·527	29·620	—·088	S	289	109·4	10 & 11 „	76·1	14th „	107·1	81·0	93·9	+8·1	87·4
	24-Parganas, Howrah, Hooghly	Calcutta	29·661	29·627	—·090	SSW	250	97·6	14th „	72·7	14th „	95·2	79·3	87·3	+3·4	86·6
	Burdwan	Burdwan	29·574	29·619	—·096	S & SW	194	104·7	9 & 13 „	77·4	9 & 11 „	103·5	78·8	91·2	+5·7	85·5
	Bankura	Bankura	29·330	29·579	—·100	S	169	112·1	13th „	74·6	14th „	106·5	80·0	93·3	?	86·2
	Birbhum, West Burdwan	Raniganj†	29·327	29·616	—·100	Variable	130*	113·0	13th „	70·4	9th „	108·7	78·7	93·7	+6·2	86·7
	Murshidabad	Berhampore	29·601	29·616	—·106	SEly	120	103·2	9th „	71·3	9th „	97·7	75·4	86·6	+2·6	80·7
	Nadia	Krishnagar	29·620	29·615	—·096	Variable	240	100·7	8th „	69·7	14th „	98·8	75·1	86·9	+2·7	84·8
	Jessore, Khulna	Jessore	29·665	29·644	—·088	Sly	165	98·7	8th „	71·4	9th „	95·8	75·0	85·4	+1·7	83·9
East Bengal.	Chittagong	Chittagong	29·707	29·741	—·044	Variable	†154	89·7	9th „	69·1	11th „	83·3	72·4	80·4	+0·1	79·6
	Chittagong Hill Tracts	Demagiri	Observations not received.													
	Backergunge	Barisal	29·710	29·667	—·074	SSE	214	93·3	8th May	68·9	14th May	91·0	72·6	81·8	+0·3	82·9
	Noakhali	Noakhali	29·713	29·702	—·035	Sly	234	91·0	9th „	68·8	12th „	89·2	71·8	80·5	+0·3	81·9
	Faridpur	Faridpur	29·677	29·671	—·085	Sly	191	94·0	9th „	67·4	12th „	91·1	72·5	81·8	+0·6	79·9
	Dacca	Dacca	29·694	29·664	—·087	Variable	227	94·1	8th „	70·2	10th „	90·0	73·1	81·6	—0·6	79·6
	Tippera	Comilla	29·707	29·690	—·067	SEly	142	92·3	8th „	68·3	10th „	88·2	72·0	80·1	—1·5	79·1
	Mymensingh	Mymensingh	29·686	29·698	—·075	ESE	226	89·7	9th „	68·6	9 & 10 „	82·8	70·2	76·5	—3·0	74·7
North Bengal.	Bogra	Bogra	29·648	29·661	—·064	Ely	151	92·3	9th „	68·2	13th „	87·3	70·9	79·1	—4·2	76·0
	Pabna	Sirajganj	29·676	29·672	—·070	E	95	92·1	12th „	70·2	14th „	86·6	71·6	79·1	—1·8	75·5
	Rajshahi	Rampur Boalia.	29·616	29·635	—·087	Ely	143	94·3	13th „	73·6	8 & 13 „	91·4	75·2	83·3	+0·2	80·6
	Malda	Malda	29·602	29·634	—	Variable	95	94·9	9th „	72·5	13th „	91·9	74·2	83·1	—	78·2
	Dinajpur	Dinajpur	29·588	29·661	—·098	E	86	89·1	9th „	68·3	9 & 10 „	84·2	70·1	77·2	—4·4	73·9
	Rangpur	Rangpur	29·624	29·708	—·060	Ely	52	88·8	9th „	67·2	9th „	83·9	69·2	76·6	—3·0	72·6
	Jalpaiguri, Kuch Bihar	Jalpaiguri	29·447	29·689	—·083	SE	129	87·4	9th „	69·6	9th „	82·8	71·4	77·1	—1·7	71·9
	Darjeeling Hill Tracts	Darjeeling	22·888	—	?	SWly	188	64·6	12th „	48·6	8th „	62·1	51·8	57·0	+2·3	56·4
North Behar.	Purnea, North Bhágalpur	Purnea	29·595	29·674	—·056	Ely	82	94·2	9th „	69·2	9, 11, 13 „	90·1	70·8	80·4	—2·4	76·9
	Muzaffarpur	Muzaffarpur	29·480	29·610	—	ESE	245	103·2	13th „	72·2	11th „	98·8	76·6	87·7	—	81·5
	Darbhanga	Darbhanga	29·521	29·640	—·081	Ely	238	104·5	8th „	70·0	11th „	96·0	74·4	85·2	+0·6	81·2
	Champaran	Motihari	29·422	29·602	—·103*	ENE	231	102·2	13th „	70·8	11th „	98·6	75·4	87·1	+3·7	81·7
	Saran	Chapra	29·457	29·580	—·095	E	191	108·2	13th „	75·6	11th „	103·7	78·9	91·3	+5·5	84·4
South Behar.	Shahabad	Dehri*	29·264	29·560	—·110	E	221	111·4	11th „	79·5	9th „	109·6	82·0	95·8	+8·5	91·1
		Buxar	29·386	29·576	—·105	Variable	182	107·0	8 & 9 „	78·9	8 & 9 „	106·1	80·3	93·2	+5·9	87·9
		Arrah	29·440	29·579	—·094	ENE	†136	109·9	13th „	79·0	14th „	105·5	80·6	93·1	+6·4	85·9
	Gaya	Gaya†	29·227	29·546	—·127	Variable	173	111·1	10th „	80·8	11th „	109·6	83·2	96·4	+7·3	90·2
	Patna	Bankipore	29·400	29·593	—·107	E	241	108·1	13th „	76·2	11th „	108·2	78·4	90·8	+5·0	84·7
	South Bhágalpur, Monghyr	Bhágalpur	29·499	29·611	—·080	E	180	100·3	13th „	74·0	11 & 13 „	95·4	75·9	83·7	+1·3	80·6
	Sonthal Parganas	Dumka	29·161	29·598	—·086	SEly	231	111·7	13th „	72·8	14th „	108·4	75·0	90·3	+4·4	85·5
Chota Nagpur.	Hazáribágh	Hazáribágh	27·669	29·565	—·083	SSW	295	107·6	11th „	74·8	8th „	106·1	79·3	93·7	+8·1	88·4
	Lohardaga, Palámau, Manbhum	Ranchi	27·570	29·571	—·066	SW	176	106·0	10 & 11 „	75·4	8th „	105·0	79·5	92·2	+8·8	90·0
	Singhbhum	Chaibassa	26·878	29·567	—·086	SWly	67	114·8	13th „	82·7	8th „	112·4	85·3	98·9	+10·6	90·2
Assam.	Sibsagar	Sibsagar	29·427	29·720	—·095	NE		86·1	8th „	68·4	9th „	81·2	69·5	75·4	—2·2	78·0
	Goalpara	Dhubri	29·641	29·712	—·068	Variable	212	83·7	9th „	68·8	13th „	78·9	70·9	74·9	—2·7	72·3
	Cachar	Silchar	29·692	29·749	—·046	Calm		88·5	9th „	67·3	11th „	85·0	68·7	76·9	—1·3	72·3

* Mean of 5 days. | † Mean of 6 days.

[Ex]planation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last ... The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the ... in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 14th of May 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	DISTRICT OBSERVATIONS. Rainfall. Of week. Mean for district.	Of week. Normal mean.	Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 1st April 1892. Mean for district.	Since 1st April 1892. Normal mean.	Since 1st April 1892. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
88	6·4	Nil	Nil	0·64	Nil	1·47	−1·47	0·02	2·60	−2 58	0·00	0·85	Puri ...	Puri	Orissa.
87	2·3	0·01											Gopalpore ...		
84	7·1	Nil											False Point ..		
69	3·3	Nil	0 14	0·56	0·14	1·64	−1 50	0·19	2·82	−2 63	0·40	0·94	Cuttack ..	Cuttack	
74	2·6	0·21	0·11	0 88	0·11	2·42	−2·31	0 95	4 41	−3 46	0·17	1 41	Balasore ..	Balasore	
83	6·3	Nil	1·26	0·92	1·26	2·52	−1·26	1·74	4 76	−3 02	1·00	1 32	Saugor Island ...	South-West Midnapore South 24 Parganas ...	South-West Bengal.
74	2·3	0·95	1·69	0·85	1·69	2 71	−1·02	3·25	5·16	−1·91	3·00	1·10	Midnapore	Midnapore	
78	6·3	0·38	0 79	0 96	0·79	2 84	−2·05	3·19	5·48	−2 29	2·40	1·16	Calcutta ...	24-Parganas ... Howrah ... ... Hooghly	
76	5·4	0·98	1·17	0·83	1·17	2 44	−1 27	3 75	5 05	−1 30	4·00	1 39	Burdwan ...	Burdwan	
71	8 0	1·45	0 86	0 65	0·36	1·81	−1·45	1 22	3·43	−2 21	0 50	1·15	Bankura ...	Bankura	
78	0·7	0·07	0·72	0·60	0·76	1 56	0·80	1·89	3 00	−1 11	1 50	1·12	Raniganj ...	Birbhum ... ... West Burdwan ...	
91	9·4	0 82	0·51	0 72	0 63	1 98	−1 35	3·17	3 93	−0 76	1 50	1 39	Berhampore ..	Murshidabad ...	
81	4·9	1·72	2 63	0·99	2·70	2 50	+0 20	4·92	6 20	−1 28	3 60	1·48	Krishnagar	Nadia	
87	7·6	2·15	2·56	1·11	3·04	3·12	−0 08	5 72	7 42	−1·70	4·13	1 50	Jessore ...	Jessore ... ... Khulna	
80	7·9	6·29		2·05		4 84			9·06			1 88	Chittagong ..	Chittagong	East Bengal.
			6·15	1·44	9·39	5·12	+4 27	16·89	9 78	+7·11	5·00	1 90	Demagiri ..	Chittagong Hill Tracts	
81	7·3	5·25	3 85	1 35	3·85	3 66	+0·19	6 30	7 73	−1 43	5·25	1 76	Barisál .	Backergunge	
80	4·1	3·05	4·21	1·64	4·53	5·12	−0 59	13·48	11 17	+2 31	5 00	1 93	Noakhali ...	Noakhali	
87	5·9	1·62	2·02	1·33	3·36	4·25	−0 89	7·01	8 82	−1 78	5 00	2 06	Faridpur	Faridpur	
87	7·3	1·84	2·20	1·47	2·67	4 27	−1 60	7 32	9 89	−2 57	4 25	2 10	Dacca	Dacca	
83	8·0	4·65	4·87	1·65	6 06	5·60	+0·46	17 90	11 54	+6 36	4 75	2 12	Comilla ..	Tippera	
89	7·7	6·44	4·76	1·72	5 37	4 85	+0·52	12·77	9 59	+3 18	5 20	2 47	Mymensingh ..	Mymensingh	
86	9 8	0·92	1·17	1·09	1·61	3 23	−1·62	7·86	5 82	+2 04	2 25	1 61	Bogra ...	Bogra	North Bengal.
90	9·6	1·11	1·31	1·37	2·11	3 34	−1·23	7·89	6 93	+0·96	2 50	1 88	Sirajganj ..	Pabna	
85	6·9	0·91	0·38	0·97	1·15	2·50	−1·35	4·18	4 45	−0 27	1·00	1 40	Rampur Boalia	Rajshahi	
85	8·3	0·01	0·33	0·68	0 33	1·87	−1 54	4·18	3 15	+1·03	0·50	1·03	Malda	Malda	
88	9·9	1·02	1·12	0·76	1 85	1 99	−0·14	5 26	3 58	+1 05	2·00	1 02	Dinajpur	Dinajpur	
92	8·9	6·09	6·29	1·91	7·69	4 39	+3 30	12 74	8 63	+4 11	6 25	2 05	Rangpur ..	Rangpur	
94	3·0	3·19	5·71	2·25	9·85	4·91	+4 94	13·56	10·11	+3 45	5·40	2 35	Jalpaiguri ..	Jalpaiguri .. Kuch Bihar ...	
96	8·3	3·63	2·87	2 21	4·27	4 50	−0 23	13 91	10·13	+3 78	3 75	2 80	Darjeeling	Darjeeling Hill Tracts	
85	8·0	1·72	1·07	0·68	1·13	2·00	−0·87	3 45	3 74	−0 29	2 40	0 91	Purnea	Purnea ... North Bhágalpur ..	North Bihár.
76	3·7	Nil	0 18	0·39	0·18	1·21	−1 03	0·67	1 99	−1 32	0 33	0 54	Muzaffarpur	Muzaffarpur	
73	3·0	0·03	0·01	0·37	0 01	1·28	−1·27	0·41	2·15	−1 74	0 00	0 56	Darbhanga	Darbhanga	
71	3·1	0·20	0·12	0·42	0·12	1 39	−1·27	0 26	2 29	−2 03	0 50	0·71	Motihari .	Champaran	
72	0	Nil	Nil	0·22	Nil	0·72	−0·72	0·05	1 30	−1·25	0 00	0 34	Chapra	Saran	
42*	1·7	0 02											Dehri ...		South Bihár.
65	1·0	Nil	Nil	0·15	Nil	0·50	−0·50	0·04	0 70	−0·66	0·00	0 35	Buxar ...	Shahabad	
66	1·9	Nil											Arrah ...		
58	4·2	Nil	Nil	0·18	Nil	0·47	−0 47	Nil	0 77	−0 77	0·00	0·37	Gaya ..	Gaya	
74	0·3	Nil	Nil	0·22	Nil	0·70	−0·70	0 06	1·03	−0 97	0 00	0 33	Bankipore ...	Patna	
75	7·7	Nil	Nil	0·48	0·06	0·97	−0·91	0·83	1 69	−0·86	0 00	0 63	Bhágalpur ...	South Bhágalpur .. Monghyr	
72	0·7	0·51	0·08	0·56	0·21	1·54	−1·33	0 98	2·59	−1 61	0·17	0·97	Dumka ..	Sonthal Parganas ..	
40	1·3	Nil	0·04	0·20	0·04	0 84	−0·80	0·04	1·33	−1·29	0 20	0 50	Hazáribágh .	Hazáribagh	Chota Nagpur.
40	0·9	Nil	Nil	0·38	Nil	0·79	−0·79	0·05	1·28	−1·23	0·00	0·60	Ranchi ...	Lohardaga	
			Nil	0·23	Nil	0·40	−0·40	Nil	0·78	−0·78	0·00	0·17		Palámau	
			0·34	0·63	0 34	1·41	−1·07	0·62	2·31	−1·69	1·00	0·84		Manbhum	
52	1·3	Nil	Nil	0·85	Nil	1 90	−1·90	0·34	2·93	−2 59	0·00	1·37	Chaibassa ...	Singbhum	
96	10·0	2·55											Sibsagar	Assam	Assam.
93	10·0	9·00											Dhubri		
90	9·1	11·56											Silchar		

ten years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean
past ten years. The means of the district are the numerical average of the rainfall returned received ,in the district, *i.e.*, from total rainfall at the subdivisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 14th of May 1892.

Meteorological division.	District.	Station.	Rainfall. Sunday, 8th May.	Monday, 9th May.	Tuesday, 10th May.	Wednesday 11th May.	Thursday, 12th May.	Friday, 13th May.	Saturday, 14th May.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
ORISSA	Puri	Puri	......	......	......	......	......	......	......	Nil	Nil	0·68	Nil	1·43	Nil	2·05
		Khurda	......	......	......	......	......	......	......	Nil	Nil	0·93	Nil	1·71	Nil	2·63
		Banpur	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	1·07	0·09	1·83
		False Point	......	......	......	......	......	......	......	Nil	Nil	0·71	Nil	1·67	Nil	3·88
		Gop	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Satpara	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pipli	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Cuttack	Jagatsingpore	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	1·59	Nil	2·40
		Banki	......	......	......	......	......	......	......	Nil	Nil	0·54	Nil	0·87	0·04	1·23
		Cuttack	......	......	......	......	......	......	......	Nil	Nil	0·64	Nil	1·54	0·15	3·18
		Kendrapara	......	......	......	......	......	......	......	Nil	Nil	0·72	Nil	2·17	0·01	3·35
		Jajpur	0·44	......	......	0·28	......	......	......	2	0·72	0·63	0·72	2·08	0·79	4·00
		Dharmsala	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·18	?
		Salipore	......	......	......	......	......	......	......	Nil	Nil	?	0·07	?	0·07	?
	Balasore	*Akhyapada*	1·38	......	......	......	......	......	......	1	1·38	?	1·38	?	1·80	?
		Chandbali	......	......	......	......	......	......	......	Nil	Nil	0·52	Nil	2·75	Nil	4·01
		Bhadrak	0·68	......	......	......	......	......	......	1	0·68	1·19	0·68	2·73	5·27	4·82
		Sorah	......	......	......	......	......	......	......	Nil	Nil	0·95	0·20	2·37	0·45	4·54
		Balasore	......	......	......	......	......	......	......	Nil	Nil	0·97	Nil	2·37	0·04	5·19
		Jellasore	......	......	......	......	......	......	......	Nil	Nil	0·81	Nil	1·80	0·20	3·48
		Baripodah	......	......	......	......	......	......	......	Nil	Nil	1·06	Nil	2·53	0·63	4·43
SOUTH-WEST BENGAL.	Midnapore	Contai	......	......	......	......	......	......	0·22	1	0·22	0·70	0·22	2·38	1·03	4·33
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	0·93	Nil	2·30	0·03	4·22
		Tamluk	0·22	......	......	......	......	......	0·70	2	0·92	0·81	0·92	2·60	2·65	4·64
		Midnapore	......	0·03	......	0·18	0·19	......	0·41	3	0·81	0·93	0·81	2·61	2·51	5·20
		Ghatál	0·71	......	......	1·00	0·37	......	1·27	4	3·35	0·82	3·35	2·93	4·60	5·64
		Kukrahaty	1·17	......	......	......	......	......	1·02	2	2·19	?	2·19	?	2·85	?
		Garhbeta	......	......	......	......	0·30	......	0·65	2	0·95	?	0·95	?	1·70	?
	24-Parganas	Diamond Harbour	3·10	......	......	......	......	......	0·45	2	3·55	1·14	3·35	2·80	4·15	5·74
		Canning Town	......	......	......	......	......	......	1·20	1	1·20	?	1·20	?	4·18	?
		Alipore Jail	......	......	......	0·10	......	......	0·20	2	0·30	1·02	0·30	2·76	2·07	5·24
		Barrackpore	0·30	......	......	0·35	......	......	......	2	0·65	0·83	0·65	2·54	3·02	4·98
		Dum-Dum	......	......	......	0·34	......	......	0·75	2	1·09	0·91	1·09	2·73	3·53	5·50
		Barasat	......	......	......	0·28	......	......	1·22	2	1·50	1·08	1·50	2·97	4·16	5·96
		Basirhat	0·21	......	......	0·24	......	......	0·10	3	0·55	1·21	0·55	3·10	3·90	5·96
	Howrah	Howrah	......	......	......	0·12	......	......	0·40	2	0·52	0·93	0·52	2·78	2·05	5·49
		Mohesroka	0·15	......	......	0·03	0·03	......	0·11	2	0·32	0·95	0·32	3·77	1·60	5·73
		Ulubaria	......	......	......	......	......	......	0·41	1	0·41	?	0·41	?	1·76	?
	Hooghly	Serampore	0·08	......	......	0·21	......	......	0·07	1	0·36	0·61	0·36	2·35	3·85	5·04
		Hooghly	0·24	......	......	0·37	0·10	......	1·30	4	1·07	0·95	1·07	2·81	4·80	5·74
		Jahanabad	0·09	0·39	......	0·21	0·22	......	0·59	4	1·50	1·03	1·50	2·49	2·35	5·23
	Burdwan	Kalna	0·20	0·30	......	0·46	0·28	......	0·10	5	1·34	0·72	1·34	2·47	5·71	5·49
		Burdwan	......	0·47	......	0·03	0·15	......	0·33	3	0·98	0·71	0·98	2·32	2·90	4·94
		Katwa	0·20	0·52	......	......	0·12	......	0·38	4	1·20	1·06	1·20	2·53	2·67	4·71
		Raniganj	......	0·07	......	......	......	......	......	Nil	0·07	0·77	0·07	1·41	2·08	3·00
		Mankur	......	......	......	......	0·51	......	1·25	2	1·76	?	1·97	?	2·15	?
	Bankura	Bankura	......	......	......	1·16	0·01	......	0·28	2	1·45	0·74	1·45	1·71	2·29	3·61
		Bishenpore	......	......	......	......	......	......	......	Nil	Nil	0·52	Nil	2·51	1·18	4·67
		Maliara	......	......	......	......	......	......	......	Nil	Nil	0·40	Nil	1·29	0·72	2·61
		Khatra	......	......	......	......	......	......	......	Nil	Nil	0·64	Nil	1·71	0·70	2·77
		Indas	......	......	......	0·90	0·17	......	......	2	1·07	?	1·07	?	2·80	?
		Kotalpore	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·88	?
		Anda	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·61	?
		Gangajalghati	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·46	?
		Raipore	......	......	......	......	......	......	0·48	1	0·48	?	0·48	?	1·53	?
		Sonamukhi	......	......	......	......	......	......	0·70	1	0·70	?	0·70	?	1·29	?
	Birbhum	Bh. Suri	......	0·14	......	......	0·10	......	0·03	2	0·27	0·71	0·27	1·64	0·77	2·88
		Hetampore	......	0·39	......	......	0·07	......	0·31	2	0·77	0·28	0·80	1·33	1·12	2·45
		Rampur Hat	......	0·09	......	......	0·97	......	0·69	2	1·75	0·63	1·87	1·85	3·57	3·61
		Bolpore	......	0·49	......	......	0·20	......	0·22	3	0·91	?	0·91	?	1·00	?
		Murari	......	......	......	......	0·14	......	......	1	0·14	?	1·24	?	2·06	?
	Nadia	Ranaghat	1·14	0·08	......	0·18	0·21	......	0·88	3	2·49	0·97	2·77	2·28	5·30	5·75
		Krishnagar	0·39	0·75	......	0·06	......	......	0·52	3	1·72	1·23	1·72	2·86	5·90	6·09
		Chuadanga	1·31	0·68	......	1·09	0·49	1·31	......	5	4·88	1·26	4·88	2·93	5·93	6·93
		Meherpore	......	0·43	......	0·02	0·32	0·43	......	3	1·20	0·56	1·20	1·72	1·38	5·53
		Kushtia	1·87	0·20	......	0·07	0·30	0·42	0·02	4	2·88	0·92	2·93	2·71	6·09	6·68
	Khulna	Satkhira	1·20	0·30	......	0·30	0·30	......	0·50	5	2·60	0·69	2·07	2·77	5·89	6·53
		Bágerhat	1·48	......	......	0·19	0·60	0·13	1·69	5	4·09	1·17	4·09	3·25	4·55	7·74
		Khulna	1·13	0·12	......	0·06	0·50	......	0·62	4	2·43	0·94	2·43	3·11	5·06	7·45
		Nakipur	......	......	......	......	0·62	......	0·72	2	1·34	?	1·34	?	3·04	?
		Rampal	0·06	......	......	0·40	0·38	......	0·68	3	1·52	?	1·52	?	2·32	?
	Jessore	Narail	0·09	0·45	......	......	1·23	......	0·44	3	2·21	1·33	2·64	3·42	7·03	7·71
		Jessore	1·12	0·64	......	0·02	0·35	......	0·02	3	2·15	1·24	2·32	3·25	4·15	8·37
		Jhenidah	0·29	0·70	......	......	0·60	0·19	0·50	5	2·28	1·29	5·08	2·90	8·03	7·04
		Magura	0·33	0·63	......	......	0·49	......	0·20	4	1·65	1·46	1·76	3·06	4·80	8·63
		Bangaon	1·60	0·15	......	......	0·80	......	0·50	4	3·05	0·75	3·05	2·60	5·37	5·85
	Murshidabad	Kandi	......	0·22	......	......	1·00	0·35	......	3	1·57	0·95	1·65	2·20	4·27	4·18
		Berhampore	......	0·37	0·22	......	0·10	......	0·13	4	0·82	0·74	0·91	2·51	3·23	4·59
		Lalbagh	......	0·09	......	......	0·06	......	0·30	1	0·45	0·67	0·63	1·86	2·78	3·92
		Azimgunge	......	......	......	......	......	......	0·20	1	0·20	0·73	0·22	1·87	2·56	3·66
		Jangipur	......	......	......	......	......	......	......	Nil	Nil	0·46	0·07	1·59	2·80	3·20
		Lalgola	......	......	......	......	......	......	......	Nil	Nil	0·75	0·25	2·02	3·25	3·96
		Akrigunj	......	0·07	......	......	0·18	......	0·41	2	0·66	?	0·76	?	2·45	?
		Patkabari	......	0·70	......	......	0·40	0·20	0·20	4	1·50	?	1·50	?	3·32	?
EAST BENGAL	Chittagong	Cox's Bazar	......	0·34	0·70	0·60	1·62	1·31	0·72	6	5·29	2·56	7·65	5·56	11·71	9·19
		Chittagong	......	1·45	1·02	1·03	1·22	2·00				1·53		4·12		8·02
		Kutubdia										?		?		?
		Satkanya	......	0·86	0·32	0·42	1·41	1·33				?		?		?
	Chittagong Hill Tracts.	Rangamati	......	0·63	0·88	1·25	1·31	2·08	......	5	6·15	1·44	9·39	5·12	16·89	9·78
		Bundarban	......	0·80	1·70	1·27						?		?		?
	Backergunge	Patuakhali	......	0·15	......	0·42	0·58	0·43	1·30	5	2·88	1·70	2·88	3·63	6·95	7·71
		Pirojpur	0·57	0·04	......	......	0·96	0·12	1·32	4	3·01	1·12	3·01	2·46	4·37	7·14
		Barisal	0·85	1·05	......	0·15	1·15	0·75	1·45	6	4·90	1·45	4·90	4·20	7·38	7·98
		Gournaddi	1·70	0·72	......	0·59	1·05	1·45	1·23	6	6·94	?	6·94	?	11·65	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 14th of May 1892—contd.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL—						
			Sunday, 8th May.	Monday, 9th May.	Tuesday, 10th May.	Wednesday, 11th May.	Thursday, 12th May.	Friday, 13th May.	Saturday, 14th May.	Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
EAST BENGAL—concld.	Noakhali ...	Bhola ...	0·60	1·62	......	0·40	0·70	0·68	0·61	6	4·61	1·14	4·61	3·35	6·48	8·14
		Daulatkhan ...	?	1·23	......	1·31	0·90	1·12	0·66	5	5·22	?	?	?	?	?
		Hauphal .	......	0·23	......	0·09	0·40	1·70				?		?		?
		Noakhali ...	......	0·56	......	0·37	1·14	0·81	0·59	5	3·47	1·49	3·51	4·97	10·76	10·20
		Fenny ...	......	0·65	1·30	0·60	0·75	1·65	......	5	4·95	1·79	5·55	5·79	16·21	12·11
		Harishpore ...	0·06	0·29	0·35	0·32	0·75					?		?		?
		Ramganj ...	0·17	0·22	......	0·19	0·65	1·51				?		?		?
	Faridpur ...	Madaripur ...	1·18	0·39	......	0·49	0·65	0·56	1·72	6	4·99	1·47	5·42	4·67	9·83	9·47
		Faridpur ...	0·24	0·45	......	......	0·75	0·48	......	4	1·92	1·39	2·82	4·24	6·05	8·47
		Goalundo ...	0·25	0·28	......	0·38	0·33	0·62	......	5	1·86	1·12	1·86	3·84	5·24	8·51
	Dacca ...	Munshiganj ...	0·63	0·23	1·12	......	0·33	0·19	......	5	2·50	1·68	2·99	4·65	9·98	10·47
		Dacca ...	0·65	0·16	0·73	0·01	0·38	0·04	......	4	1·97	1·44	2·38	4·47	6·07	9·94
		Narainganj ...	0·47	0·24	1·86	0·03	0·42	0·03	......	4	3·05	1·20	3·42	3·60	7·06	9·41
		Manikganj ...	0·54	0·36	0·12	0·23	......	0·01	......	4	1·26	1·54	1·87	4·24	6·16	9·66
		Joydebpore	1·31	0·28	0·29	......	0·11	0·02	......	4	2·01	?	4·01	?	10·04	?
	Hill Tippera	Agartola ...	0·49	......	2·45	0·50	0·10	......	0·62	5	4·16	1·91	4·76	5·97	16·64	12·13
	Tippera ...	Comilla ...	0·25	0·04	2·10	0·30	0·50	1·56	......	5	4·75	1·47	5·12	5·24	15·56	11·54
		Chandpore ...	0·80	0·46	......	0·08	1·72	3·60	0·14	6	6·80	1·02	8·52	4·98	22·18	10·48
		Brahmanbaria	0·44	0·75	2·50	......	0·10	......	......	4	3·79	2·18	6·21	6·18	17·60	11·99
		Ramchandrapore ...	......	0·50	......	......	......	......	......	1	0·50	?	1·44	?	8·74	?
		Nasirnagar ...	......	......	......	1·60	......	0·50				?		?		?
		Daudkandi ..	......	0·50	3·29	0·25	0·51	0·09	0·01	4	4·65	?	4·65	?	7·12	?
		Kasba ...	0·09	0·02	1·15	0·09	......	......	0·30	2	1·65	?	2·60	?	14·21	?
		Laksham ..	......	0·25	1·90	......	2·00	......	......	3	4·15	?	5·55	?	12·30	?
	Mymensingh .	Kishoregunge	1·80	0·60	2·24	0·69	0·41	0·36	0·13	7	6·32	1·03	7·04	5·37	16·13	10·95
		Atia (*Tangail*)	0·84	0·19	......	......	0·13	0·56	......	4	1·72	1·50	2·74	3·49	10·07	7·38
		Mymensingh ...	1·30	0·56	2·58	1·15	0·10	0·09	0·66	6	6·44	1·91	7·30	5·48	15·47	9·89
		Jamálpur ...	1·46	0·72	1·00	......	......	0·54	......	4	3·72	1·55	3·98	4·97	6·79	8·81
		Netrokona ...	1·44	0·72	2·15	......	0·36	......	0·92	5	5·59	1·71	5·80	4·96	15·38	10·41
		Subornakhali	0·88	0·15	0·56	......	......	0·19	......	4	1·78	?	2·04	?	8·12	?
		Durgapore ...	0·35	1·10	2·18	0·50	1·91	0·68				?		?		?
		Sherepore Town	1·34	......	2·71	1·03	......	0·19	0·41	5	5·68	?	5·68	?	10·22	?
		Dewanganj ...	2·14	......	0·9[illegible]	......	0·46	0·53	......			?		?		?
NORTH BENGAL.	Pabna ...	Pabna ..	1·30	0·10	......	......	......	0·11	......	3	1·51	1·07	2·27	3·16	5·51	7·01
		Sirajganj ...	0·84	0·24	0·03	......	......	......	......	2	1·11	1·67	1·94	3·51	10·24	6·82
	Bogra ...	Sherepore ...	0·08	0·10	......	......	......	0·18	......	2	0·36	1·30	1·95	3·48	9·91	5·83
		Nowkhilla ...	0·85	0·06	0·75	......	......	0·71	......	3	2·37	0·89	3·44	2·90	8·96	5·90
		Bogra ...	......	0·02	0·20	......	......	0·70	......	2	0·92	1·15	1·02	3·29	5·67	6·28
		Panchbibi ..	......	0·48	0·05	......	......	0·51	......	2	1·04	1·02	1·04	3·26	7·87	5·29
	Rajshahi ...	Boalia ...	0·84	......	......	......	0·01	......	0·11	2	0·96	1·12	1·06	2·37	4·34	4·44
		Nator ...	......	0·12	......	......	......	......	......	1	0·12	0·96	2·02	2·96	5·24	5·92
		Naogaon ..	......	......	......	......	......	0·05	......	Nil	0·05	0·83	0·35	2·18	2·94	2·98
		Lalpore ...	0·04	......	......	0·15	......	0·36	......	2	0·55	?	0·85	?	3·38	?
		Manda .	......	......	......	......	......	......	......	Nil	Nil	?	0·50	?	4·73	?
	Malda ..	Malda ...	0·01	......	......	......	......	......	......	Nil	0·01	0·53	0·01	1·49	6·11	2·93
		Chanchal ...	......	......	......	......	......	0·65	......	1	0·65	0·83	0·65	2·23	2·22	3·43
		Gajol ...	......	......	......	......	......	0·10	......	1	0·10	?	0·51	?	5·59	?
		Sibganj ...	......	......	......	......	......	......	......	Nil	Nil	?	0·11	?	2·86	?
	Dinajpur	Mohadebpore	......	......	......	......	......	......	......	Nil	Nil	0·62	0·92	2·16	3·93	3·75
		Churamon ..	0·50	......	......	......	......	1·09	......	2	1·59	0·73	1·59	1·81	4·01	3·77
		Raigunge .	......	0·55	......	0·43	......	0·46	......	3	1·44	0·74	1·44	2·24	3·58	4·03
		Dinajpur ...	......	0·46	......	0·66	......	0·41	......	3	1·53	1·19	4·02	2·48	6·35	5·01
		Baloorghat ...	......	0·27	......	......	......	0·78	......	2	1·05	0·52	1·29	1·27	7·52	2·34
		Thakoorgaon	0·55	0·70	0·09	0·97	......	0·41	......	4	2·72	?	2·77	?	4·56	?
	Rangpur ..	Bhawanigunge (*Gyabandha*)	2·50	1·20	3·10	0·51	......	0·32	0·23	6	7·86	1·85	7·86	4·19	13·38	7·50
		Rangpur ...	1·44	0·71	0·74	1·34	0·16	0·71	0·99	7	6·09	1·89	6·33	3·90	12·12	7·81
		Kurigram ...	0·56	0·72	0·07	0·68	1·99	0·87	1·31	6	6·20	2·45	10·63	5·75	16·65	11·56
	Jalpaiguri .	Bagdogra (*Nilphamari*)	1·36	0·80	0·45	1·17	0·03	0·31	0·90	6	5·02	1·46	5·97	3·72	8·83	7·75
		Ulipore ..	......	2·42	1·89	0·82	0·61	0·85	1·45	6	8·04	?	12·07	?	16·89	?
		Jalpaiguri ..	0·11	0·87	0·01	0·03	0·33	0·68	1·03	5	3·06	1·65	5·19	4·86	8·71	9·15
		Alipore Duar	......	......	......	......	1·37	1·05	2·63	3	5·05	?	7·99	?	17·64	?
		Fallacotta ...	......	0·38	......	......	0·96	1·15	0·59	4	3·08	?	6·45	?	11·93	?
		Debiganj ...	1·16	0·85	0·53	0·12	0·41	0·74	0·43	7	4·26	?	6·06	?	10·30	?
		Bhagatpore (Nagrakatta)	1·47	2·20	......	......	......	1·20	2·84	4	7·71	?	9·72	?	32·92	?
	Kuch Bihar .	Dinhatta ..	0·09	2·08	0·03	0·43	2·21	1·75	0·28	5	6·87	2·49	9·25	5·06	11·17	10·21
		Kuch Bihar ..	......	0·40	......	0·38	3·94	3·44	0·80	5	8·96	2·71	16·16	6·20	20·26	12·60
		Mekligunge ...	......	0·77	......	0·15	0·63	0·75	0·61	5	2·91	2·11	7·08	4·34	12·37	9·30
		Mathabhanga	0·20	0·13	0·25	0·60	2·12	2·95	0·30	7	6·75	2·27	11·59	4·60	15·33	9·38
	Darjeeling Hill.	Buxa	1·12	1·30	0·04	0·02	0·04	0·93	0·56	4	4·01	5·11	6·75	9·13	23·29	16·76
		Silliguri ...	0·15	0·44	0·04	......	0·03	1·20	0·49	4	2·35	1·58	3·65	2·89	11·14	6·54
		Darjeeling ..	2·40	0·01	0·03	0·03	......	0·40	0·76	3	3·63	1·08	4·33	3·49	12·63	8·74
		Kalimpong ..	0·13	......	0·10	0·04	0·06	0·37	0·47	4	1·47	1·07	2·33	2·48	8·57	6·41
		Kurseong ...	0·60	0·40	0·05	0·09	0·03	0·93	1·42	4	3·52	?	4·84	?	14·20	?
NORTH BIHÁR	Purnea ...	Kishánganj ...	0·36	1·00	......	0·43	......	0·21	......	4	2·00	0·76	2·12	2·25	5·20	4·63
		Araria .	0·13	0·50	......	0·55	......	0·12	......	4	1·30	0·79	1·30	2·63	3·12	4·49
		Purnea ...	0·37	......	......	0·20	......	1·15	......	3	1·72	0·59	1·72	1·63	4·26	3·33
		Gondwara (Korah) ...	......	......	......	0·12	......	......	......	1	0·12	?	0·12	?	3·85	?
		Barsoe ...	......	0·26	......	0·51	......	0·93	......	3	1·70	?	1·70	?	4·64	?
		Forbesganj ...	0·17	1·74	......	0·80	......	......	......	3	2·71	?	2·71	?	3·00	?
	North Bhágalpur.	*Kataganj* ...	0·08	0·50	......	......	......	......	0·07	1	0·65	?	1·60	?	3·17	?
		Madhipura ...	......	......	......	0·02	......	......	......	Nil	0·02	0·68	0·32	1·90	2·80	3·34
		Bongaon (Syfabad.)	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	1·77	?
		Supaul ..	......	......	......	0·29	......	......	......	1	0·29	0·57	0·29	1·60	1·99	2·89
		Prosabganj ...	0·09	0·61	......	0·62	......	0·18	......	3	1·50	?	1·50	?	2·38	?
	Darbhanga ...	Táipur ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	1·15	0·15	1·66
		Darbhanga ...	......	......	......	0·03	......	......	......	Nil	0·03	0·33	0·03	1·30	0·59	2·18
		Madhubani ...	......	......	......	......	......	......	......	Nil	Nil	0·55	Nil	1·37	0·52	2·63
		Banera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·47	?
		Roshera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·16	?
	Musaffarpur...	Sitamarhi ...	......	......	......	0·55	......	......	......	1	0·55	0·50	0·55	1·40	2·01	2·73
		Musaffarpur	......	......	......	......	......	......	......	Nil	Nil	0·42	Nil	1·35	Nil	2·13
		Hajipur ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·91	Nil	1·74
		Paru ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Mahua ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sinhar ...	......	......	......	0·38	......	......	......	1	0·38	?	0·38	?	0·38	?
		Pupri ...	......	......	......	0·50	......	......	......	1	0·50	?	0·50	?	1·92	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 14th of May 1892—concld.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL—			Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
			Sunday, 8th May.	Monday, 9th May.	Tuesday, 10th May.	Wednesday, 11th May.	Thursday, 12th May.	Friday, 13th May.	Saturday, 14th May.	Number of rainy days.	Rainfall of week.	Average normal rainfall of week.				
NORTH BIHÁR—*concluded.*	Champaran ..	Motihari ..	......	......	......	0·20	......	......	......	1	0·20	0·40	0·20	1·25	0·86	2·12
		Bettiah ...	......	......	......	0·04	......	......	......	Nil	0·04	0·44	0·04	1·51	0·16	2·45
		Bagaha ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·16	?
		Burhurwa ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·03	?
	Saran ...	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·28	Nil	0·79	0·15	1·82
		Siwán .	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·67	Nil	1·09
		Chapra ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·70	Nil	1·00
SOUTH BIHÁR	Shahabad ...	Buxar ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·42	0·05	0·58
		Dehri ..	......	......	......	......	......	0·02	......	1	0·02	0·11	0·02	0·30	0·19	0·41
		Bhabhua ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·65	Nil	0·82
		Sasarám ...	......	......	......	......	......	......	......	Nil	Nil	0·26	Nil	0·58	Nil	0·78
		Arrah ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·59	Nil	0·88
		Mohaniah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Ageaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rammagor ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Koath ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sikroul ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bassowan ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Monaharpur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·05	?
	Gaya ..	Aurangabad ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·40	Nil	0·70
		Gaya ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·39	Nil	0·75
		Nawádah ...	......	......	......	......	......	......	......	Nil	Nil	0·18	Nil	0·56	Nil	0·98
		Jahánabad ...	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·50	Nil	0·65
		Arwal .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Daudnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sherghati ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rajauli ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		PakriBarawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Patna .	Patna ...	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·71	Nil	1·00
		Dinapore ..	......	......	......	......	......	......	......	Nil	Nil	0·16	Nil	0·68	Nil	0·83
		Bihár ...	......	......	......	......	......	......	......	Nil	Nil	0·22	Nil	0·73	0·25	1·10*
		Barh ...	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·76	Nil	1·15
		Bickram ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hilsa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Monghyr ...	Bogusarai ...	......	......	......	......	......	......	......	Nil	Nil	0·39	Nil	0·91	1·43	1·50
		Monghyr .	......	......	......	......	......	......	......	Nil	Nil	0·41	0·05	0·86	0·53	1·58
		Jamui ...	......	......	......	......	......	......	......	Nil	Nil	0·20	Nil	0·82	0·30	1·49
		Gogri ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	South Bhágalpur.	Bhágalpur ...	......	......	......	......	......	......	......	Nil	Nil	0·39	0·14	1·00	0·80	1·94
		Banka ...	......	......	......	......	......	......	......	Nil	Nil	0·68	0·10	1·29	0·90	1·94
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·86	?
	Sonthal Parganas.	Rajmahal ...	......	......	......	......	......	......	......	Nil	Nil	0·64	Nil	2·05	1·59	3·60
		Godda ...	......	......	......	......	......	......	......	Nil	Nil	0·43	0·43	1·26	0·98	2·00
		Pakour ..	......	......	......	......	......	......	......	Nil	Nil	0·59	0·35	1·44	1·40	2·26
		Naya Dumka	......	0·04	......	......	......	......	......	Nil	0·04	0·34	0·04	1·38	0·54	2·67
		Deoghur ...	......	......	......	0·05	......	......	......	Nil	0·05	0·57	0·05	1·42	0·32	2·53
		Jamtara ...	......	0·31	......	......	0·08	......	......	1	0·39	0·60	0·39	1·69	1·04	2·44
		Mohagama ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?		?
		Nanihat ...	......	......	......	......	......	0·42	......	1	0·42	?	0·42	?	0·42	?
CHOTA NAGPUR.	Hazáribágh ...	Pachamba (*Giridi*). ...	......	0·07	0·12	......	......	......	......	1	0·19	0·35	0·19	0·80	0·19	1·68
		Hazáribágh ...	......	......	......	......	......	......	......	Nil	Nil	0·32	Nil	0·83	Nil	1·30
		Semtagurah ...	......	......	......	......	......	......	......	Nil	Nil	0·14	Nil	0·94	Nil	1·48
		Mahudi Hills	......	......	......	......	......	......	......	Nil	Nil	0·11	Nil	0·68	Nil	0·92
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	0·04	Nil	0·96	Nil	1·28
		Barhi ...	......	......	......	0·11	......	......	......	1	0·11	?	0·11	?	0·11	?
		Chatra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Karagdeha ...	......	0·27	......	......	......	......	......	1	0·27	?	0·27	?	0·67	?
		Ramghar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Lohardaga ...	Lohardaga ...	......	......	......	......	......	......	......	Nil	Nil	0·40	Nil	0·76	Nil	1·01
		Ranchi ...	......	......	......	......	......	......	......	Nil	Nil	0·51	Nil	1·21	0·16	2·02
		Silli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Palámau ...	Palámau ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·40	Nil	0·78
		Balumat ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hosseinabad	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Gurwah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Singbhum ...	Chaibassa ...	......	......	......	......	......	......	......	Nil	Nil	0·85	Nil	1·90	0·34	2·93
		Chakradharpore.	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?		?
		Ghatsilla ...	......	......	......	......	......	......	......	Nil	Nil	?	0·15	?	0·65	?
		Baharagura	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	2·84	?
	Manbhum ...	Purulia ...	......	......	......	......	......	......	......	Nil	Nil	0·91	Nil	1·96	0·30	3·02
		Gobindpur ...	......	0·13	......	0·54	......	......	......	2	0·67	0·35	0·67	0·86	0·93	1·00
		Raghunathpore.	......	......	......	0·58	0·15	......	......	2	0·73	?	0·73	?	1·21	?
		Barrabhum	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Jhalda ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·08	?
		Chas ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pandra ...	......	......	......	0·02	......	......	......	Nil	0·02	?	0·02	?	0·24	?

Explanation.—......indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the* 17*th May* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 14TH OF MAY 1892.

THE meteorological conditions in Bengal at the close of the previous week were distinctly disturbed, and local storms with rain were occurring in Assam and in East and North and part of Central Bengal. The meteorological changes which took place from the 7th to the 8th instant, or the first day of the present week, rather increased the disturbance, for pressure fell moderately to rapidly over the whole province, the fall being largest at the western stations, and a very shallow low-pressure area may be said to have existed over part of Bihár and Western Bengal on this day. On the morning of the 8th, therefore, the majority of stations, except those in Bihár and Chota Nagpur and parts of Orissa, reported moderate to heavy rain which had fallen during local storms. Conditions remained practically unaltered on the 9th and 10th, and pressure continued unusually low over the whole province; but on the 11th and 12th the changes of pressure became small, though it continued to fall over the whole province, and it became generally from a sixth to an eighth of an inch below the normal of the day. A reaction then set in, and pressure rose rapidly on the 13th, the rise in the north of the province being very large, and at Purnea equalling 0·153". The changes in different districts were, however, of very unequal amount, showing that the atmosphere was still in a very disturbed state. A further small rise took place over a considerable part of the province on the 14th, and though pressure still remained slightly to moderately below the normal, yet the general conditions became gradually more settled than they had been. Hence from the beginning of the week up to about the 13th local storms with rain were rather numerous in all districts except in Orissa, Bihar, and Chota Nagpur, and on the evening of the 13th, in particular, some very heavy local storms took place which gave heavy rain over parts of South Bengal ; but from the 14th, or the last day of the week, the number of local storms became considerably smaller than they had been previously.

Another noticeable feature in the meteorology of the week has been the setting in of decidedly strong winds in the extreme south of the Bay at the Ceylon stations, and it was evident that from about the 10th instant, an advance of strong south-westerly monsoon winds was taking place over this area.

Pressure.—The mean pressure for the week has been rather largely in defect of the normal. Defects of about a tenth of an inch and upwards have been registered at Motihari, Dehri, Buxar, Gaya, Bankipore, Bankura, Raniganj, and Berhampore; but generally the defects have been rather smaller than this, and range from 0·06" to 0·08". The mean defect for the whole province will, however, average about 0·09".

Temperature.—Has again been rather largely in excess of the normal over a considerable part of the province. The excess has equalled the unusually large amount of 9·2° at the Chota Nagpur stations; in South Bihár it has equalled nearly five and-a-half degrees, and in Orissa and North-West Bengal it has been between 4° and 5°. On the other hand, owing to the rather plentiful rainfall in East and North Bengal, the mean temperatures there have been below the normal by small amounts. For the whole of Bengal the mean temperature for the week has been 3·2° in excess of the normal. In Assam, on the other hand, there has been a defect of 2·1.°

Rainfall.—An average amount of more than four inches of rain has fallen in East Bengal, which is about two and-a-half inches in excess of the normal. North Bengal has received nearly three inches of rain, or about an inch and-a-half more than the normal. South-West Bengal has received an inch and-a-third, or nearly half an inch in excess, while in North Bihár the fall is about four-tenths of an inch, or slightly below the normal fall. Over the remainder of the province rainfall has been practically absent.

These falls have, however, been unequally distributed, and notwithstanding the large excess generally shown in East and North Bengal, the districts of Noakhali, Rajshahi, and Malda have received comparatively small amounts of rain, and while South-West Bengal generally has had good rain, Bankura and parts of Birbhum have had practically no rain. In North Bihár also the districts which have received practically little or no rain are Muzaffarpur, Darbhanga, Champaran, and Saran.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 14th of May 1892:—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 1st April 1892.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	112·4	78·3	96·1	81·6	88·9	+4·5	0·10	0·71	—0·61	0·20	1·10	—0·90	0·10	1·91	0·50	3·39
South-West Bengal ...	113·0	69·7	100·6	78·5	89·6	+4·2	1·32	0·88	+0·44	2·50	1·36	+1·14	1·43	2·48	3·45	5·19
East Bengal	94·1	67·4	88·7	72·1	80·4	—0·5	4·11	1·57	+2·54	5·00	2·08	+2·92	4·99	4·67	11·61	8·85
North Bengal	94·9	67·2	86·9	71·8	79·4	—2·5	2·75	1·37	+1·38	3·20	1·66	+1·54	4·18	3·38	8·57	6·41
North Bihár	108·2	69·2	97·4	75·2	86·3	+1·8	0·38	0·45	—0·07	0·88	0·64	+0·24	0·40	1·40	1·32	2·48
South Bihár	111·7	72·8	104·5	79·8	92·2	+5·4	0·02	0·33	—0·31	0·04	0·56	—0·52	0·06	0·89	0·43	1·44
Chota Nagpur	114·8	74·8	107·8	81·4	94·6	+9·2	0·08	0·40	—0·32	0·27	0·67	—0·40	0·08	1·04	0·18	1·64
Assam	88·5	67·3	81·7	69·7	75·7	—2·1										

Meteorological Office, Bengal,
The 17th May 1892.

A. Pedler,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 8th to 14th May 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature.						Hygrometry.			Rainfall past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
May ...	8th ...	29·716	86·9	96·0	18·2	77·8	91·6	83·5	1·040	80·4	70	Nil
,, ...	9th ...	·691	88·7	97·0	16·7	80·3	92·4	82·5	·978	78·6	64	...
,, ...	10th ...	·667	90·9	98·0	14·3	83·7	93·6	84·5	1·063	81·1	68	...
,, ...	11th ...	·613	86·2	98·0	23·7	74·3	93·0	84·5	1·071	81·3	69	0·19
,, ...	12th ...	·627	90·4	97·0	13·3	83·7	93·1	84·5	1·070	81·3	69	0·01
,, ...	13th ...	·668	91·4	99·0	15·3	83·7	93·6	83·5	1·012	79·6	64	...
,, ...	14th ...	·701	85·4	97·0	23·2	73·8	91·1	83·5	1·047	80·6	72	0·32

	Inches.
The mean 10 A.M. pressure of the seven days	29·669
	°
The mean temperature of the seven days	88·6
The extreme variation of temperature	25·2
The maximum temperature	99·0
	%
The mean 10 A.M. relative humidity of the seven days	68
The total fall of rain from 8th to 14th May 1892	0·52

The daily mean temperatures are the crude means of maximum and minimum temperatures.

J. H. Gilliland,
For Meteorological Reporter to the Govt. of India.

Meteorological Office, India;
The 16th May 1892.

Results of the Meteorological Observations taken at the Alipore Observatory from 8th to 14th May 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Maximum.	Range.	Minimum.	Hygrometry. Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Wind. Prevailing direction.	Miles recorded.	Rain	Weather.
		°		Inches.	°	°	°		°	Inches	°	%			Inches.	
May	8th	151·3	8·9	29·650	87·2	94·0	16·8	77·2	80·8	0·970	78·3	75	S and SSW ...	278	Nil	Chiefly cloudy, o.
,,	9th	149·3	10·4	·616	88·4	94·4	13·6	80 8	81·4	·979	78·6	73	S and SSW ...	283	,,	Partially cloudy, o.
,,	10th	154·0	8·0	·595	86·9	95·4	12·0	83·4	80·3	·954	77·8	75	S, SSW, and variable.	241	0·10	Chiefly cloudy, o, p.
,,	11th	149·8	7·6	·576	88·4	95·8	22·1	73·7	81·9	1·001	79·3	76	S, SSW, and variable.	223	Nil	Chiefly cloudy,
,,	12th	147·8	4·9	·583	89·4	95·4	11·7	83·7	81·7	0·980	78·6	70	SSW ...	273	,,	Chiefly cloudy.
,,	13th	158·1	7·2	·631	87·5	97·4	14·2	83·2	80·1	·941	77·4	74	SSE, SSW, and variable.	212	0·28	Chiefly cloudy, o, p, t, g, <.
,,	14th	146·7	5·1	·636	86·6	94 3	21·4	72·9	79·6	·918	76·6	72	SSE and SSW .	198	Nil	Chiefly cloudy, o.

	Inches.
The mean pressure of the seven days	29·612
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·678
	Hours.
The total number of hours of bright sunshine	52·1
The maximum possible number of hours of sunshine	91·7
	°
The mean temperature of the seven days	87·8
The average temperature of the corresponding period for 24 years, S.-G.'s Office	85·8
The extreme variation of temperature	24·5
The maximum temperature	97·4
	Miles.
The highest velocity of the wind in one hour	20
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	74
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	73
	Inches.
The total fall of rain from 8th to 14th May 1892	0·38
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	1·00
The total fall from 1st January to 14th May 1892	2·07
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	6·68

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; p, passing temporary showers; t, thunder; <, lightning.

J. H. GILLILAND,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 16th May 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 23rd April 1892.

1	2	3			4			5			6	7							8							9	10		11		12
DISTRICTS.	NAMES OF MUNICIPALITIES.	POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex.				
					NUMBER OF—			RATIO PER 1,000 OF POPULATION PER ANNUM.				DEATHS FROM—							RATIO PER 1,000 OF POPULATION PER ANNUM.								DEATHS.		RATIO PER 1,000 OF POPULATION PER ANNUM.		
		Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhoea.	Injury.	Other causes.	*All causes.*	Cholera.	Small pox.	Fever.	Dysentery and diarrhoea.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan	Burdwan	18,063	16,017	34,080	13	10	*23*	19·8	15·3	*35·1*	130	.	3	18	.		5	*26*	...	4·6	27·5	..	.	7·6	*39·7*	69·6	21	5	60·5	16·2	373
	Raniganj	6,546	4,691	10,917	6	6	*12*	28·5	28·5	*57·1*	100	3	...	2	1	..	.	*6*	14·2	..	9·5	4·7		.	*28·5*	95·1	3	3	25·0	33·3	75
Bankura	Bankura	8,970	8,925	17,895	4	5	*9*	11·6	14·5	*26·2*	80	2	1	3	1	..	.	*7*	5·8	2·9	8·7	2·9	...	...	*20·3*	75·6	4	3	23·2	17·5	132
Birbhum	Suri	3,982	3,866	7,848	...	3	*3*	.	19·9	*19·9*	No male birth.	..		3	.	1	..	*4*	..		19·9	...	6·8	...	*26·5*	59·6	1	3	13·1	40·4	32
Midnapore	Midnapore	16,927	16,633	33,560	11	8	*19*	17·0	12·4	*29·4*	137	5	1	11	2	.	5	*24*	7·7	1·5	17·0	3·1	...	7·7	*37·2*	46·5	13	12	36·9	37·5	98
Hooghly, including Serampore.	Hooghly and Chinsura.	15,858	15,829	31,687	7	2	*9*	11·5	3·3	*14·8*	350	15	..	5	1	...	5	*26*	24·6	...	8·2	1·6	...	8·2	*42·7*	68·9	15	11	49·2	36·1	136
	Serampore	13,559	12,937	26,496	3	7	*10*	5·9	13·7	*19·6*	43	10	...	10	4	.	4	*34*	31·4		19·6	7·8	...	7·8	*66·7*	58·3	19	15	72·9	60·3	121
	Utterpara	3,046	2,464	5,510	3	1	*4*	26·3	9·4	*37·7*	300	...	.	.	3	..	..	*3*		...	...	28·3	...	...	*28·3*	15·9	2	1	34·1	21·1	161
Howrah	Howrah	53,153	37,660	90,813	21	19	*40*	12·0	10·9	*22·9*	119	35	...	15	2	1	8	*61*	20·0		8·6	1·1	·6	4·6	*34·9*	51·5	43	18	42·1	24·9	169
	Bally	7,836	6,979	14,815	5	3	*8*	17·5	10·5	*28·1*	166	..	.	4	1	..	1	*6*	.	...	14·0	3·5	..	3·5	*21·1*	24·6	3	3	19·9	22·4	88
24-Parganas	Cossipore-Chitpur	16,080	10,214	26,234	5	5	*10*	9·9	9·9	*19·8*	100	2	...	5	1	...	1	*9*	4·0	.	9·9	2·0	...	2·0	*17·8*	31·6	6	3	19·4	15·3	126
	Manicktolla	16,536	12,112	28,648	4	7	*11*	7·2	12·7	*20·0*	57	6	..	4	..	...	6	*16*	10·9	.	7·2	...	..	10·9	*29·0*	41·7	7	9	22·0	38·6	57
	Baranagore	15,920	14,062	29,982	6	2	*8*	10·4	3·5	*13·9*	300	8	..	13	...	..	2	*23*	13·9	...	22·5	..	...	3·5	*39·9*	52·0	11	12	35·9	44·4	80
	South Suburban	26,400	25,258	51,658	5	3	*8*	5·0	3·0	*8·0*	166	6	..	15	...		2	*23*	6·0		15·1	..	..	2·0	*23·2*	8·0	14	9	27·6	18·5	149
Nadia	Krishnagar	13,263	14,214	27,477	4	2	*6*	7·6	3·8	*11·4*	200	1	.	19	.	.	1	*21*	1·9	...	35·9	...	..	1·9	*39·7*	32·2	10	11	39·2	40·2	97
	Ranaghat	4,028	4,655	8,683	4	1	*5*	23·9	6·0	*29·9*	400	2	..	3	...	...	...	*5*	12·0	...	17·9	...	...	...	*29·9*	47·9	1	4	12·9	44·7	29
	Santipur	13,708	15,979	29,687	9	8	*17*	15·8	14·0	*29·8*	112	...		15	...	...	1	*16*	...	...	26·3	...	...	1·7	*28·0*	24·5	6	10	22·8	32·5	70
Jessore	Jessore	4,830	3,665	8,495	3	1	*4*	18·4	6·1	*24·5*	300	...	...	3	...	...	1	*4*	...	..	18·4	...	...	6·1	*24·5*	61·2	3	1	32·3	14·2	227
Murshidabad	Berhampore	11,657	11,948	23,605	13	3	*16*	28·6	6·6	*35·2*	433	32	...	3	1	...	4	*40*	70·5	...	6·6	2·2	...	8·8	*88·1*	77·1	24	16	107·1	69·6	153
	City Murshidabad	18,901	20,330	39,231	5	3	*8*	6·6	4·0	*10·6*	166	10	...	19	...	...	..	*29*	13·2	..	25·2	...	...	...	*38·4*	38·4	17	12	46·8	30·7	152
Khulna	Khulna	3,249	3,043	6,292	1	...	*1*	8·2	...	*8·2*	No female birth.	13	...	1	...	...	...	*14*	107·4	...	8·2	...	...	...	*115·7*	41·3	9	5	144·0	85·4	168
Dinajpur	Dinajpur	7,254	5,306	12,560	1	2	*3*	4·1	8·3	*12·4*	50	...	...	7	1	..	4	*13*	...	...	29·0	4·1	...	16·6	*49·7*	37·3	10	2	71·7	19·6	365

Rajshahi ...	Rampur Boalia ...	10,766	9,025	19,791	7	6	*13*	13·4	15·8	*34·9*	116		...	12	...	...	...	*13*	2·8	...	31·5	...	...	...	*34·2*	63·1	11	2	53·1	11·5	461
Rangpur ...	Rangpur	8,011	5,309	13,320	1	2	*3*	3·9	7·8	*11·7*	50	...	...	1	...	...	...	*1*	...	...	3·9	...	..	...	*3·9*	54·7	1	...	6·5	...	No female death.
Bogra ...	Bogra	3,4[illegible]	2,699	6,179	...	1	*1*	...	8·4	*8·4*	No male birth.	...	...	1	...	...	...	*1*	...	...	8·4	...	...	...	*8·4*	25·2	...	1	...	19·3	No male death.
Pabna ...	Pabna	7,701	7,566	15,267	9	3	*12*	30·7	10·2	*40·9*	300	...	..	12	...	..	1	*13*	...	...	40·9	...	...	3·4	*44·3*	37·5	11	2	74·3	13·7	542
	Sirajganj	11,213	9,824	21,037	7	5	*12*	17·3	12·4	*29·7*	140	...	...	7	..	...	...	*7*	...	...	17·3	..	...	...	*17·3*	17·3	4	3	18·5	15·9	116
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	3	...	*3*	22·2		*22·2*	No female birth.	...	..	...	...	...	...	...	...	...	..	..	...	...	...	14·8	..	...	...	...	...
Jalpaiguri ...	Jalpaiguri ...	4,972	2,975	7,947	...	...	...	...	...	...	....	...	...	1	...	...	..	*1*	...	...	6·5	...	...	...	*6·5*	26·2	1	...	10·5	...	No female death.
Dacca ..	Dacca	42,762	37,379	80,161	20	14	*34*	13·0	9·1	*22·1*	142	3	24	23	4	...	10	*64*	1·9	15·6	14·9	2·6	...	6·5	*41·5*	56·4	34	30	41·3	41·7	99
	Narainganj ...	7,605	4,956	12,561	6	7	*13*	24·8	29·0	*53·8*	85	...	...	3	...	...	5	*8*	...	...	12·4	...	...	20·7	*33·1*	12·4	4	4	27·4	42·0	65
Faridpur ...	Faridpur ...	5,663	4,600	10,263	3	1	*4*	15·2	5·0	*20·3*	300	...	..	6	...	..	...	*6*		..	30·4	...	...	...	*30·4*	91·2	3	3	27·5	53·9	81
Backergunge ...	Barisal	8,701	4,485	13,186	2	2	*4*	7·9	7·9	*15·8*	100	8	...	4	.	...	1	*13*	31·5	...	15·8	...	...	3·9	*51·3*	110·4	5	8	29·9	92·8	33
Mymensingh ...	Nasirabad ...	10,443	4,413	14,856	1	4	*5*	3·5	14·0	*17·5*	25	...	.	2	1	...	...	*3*	...	.	7·0	3·5	..	...	*10·5*	17·5	2	1	10·0	11·8	84
Chittagong ...	Chittagong ...	13,340	8,790	22,130	9	7	*16*	21·1	16·4	*37·6*	128	11	...	5	...	..	2	*18*	25·8	..	11·7	.	...	4·7	*42·3*	41·6	14	4	54·6	23·7	230
Noakhali ...	Sudharam ...	3,410	1,714	5,124	1	1	*2*	10·1	10·1	*20·2*	100	3	...	3	...	...	...	*6*	30·4	...	30·4	...	...	...	*60·9*	101·5	3	3	45·7	91·0	50
Tippera ...	Comilla	8,153	5,353	13,506	7	1	*8*	20·9	3·8	*30·8*	700	1	...	7	...	..	6	*14*	3·8	..	26·9	...	...	23·1	*53·9*	27·0	6	8	38·3	77·7	49
Patna ...	Patna City ...	78,762	81,475	160,237	22	35	*57*	7·1	11·4	*18·5*	63	31	6	48	17	2	19	*123*	10·1	1·9	5·6	5·5	·6	6·2	*39·9*	35·4	57	66	37·6	42·1	89
	Bihar	23,799	25,172	48,971	12	10	*22*	12·7	10·6	*23·4*	120	...	3	17	1	...	3	*24*	...	3·2	15·1	1·1	...	3·2	*25·5*	28·7	11	13	24·0	26·9	89
	Dinapore ...	25,424	26,801	52,225	1	3	*4*	1·0	3·0	*4·0*	33	...	..		...	..	4	*4*	...	.	...	...	..	4·0	*4·0*	10·9	1	3	2·0	5·8	34
Gaya ...	Gaya	38,290	37,831	76,121	15	20	*35*	10·2	13·7	*23·9*	75	17	2	54	3	...	10	*56*	11·6	1·4	35·9	2·0	..	6·3	*58·7*	71·0	42	44	57·0	60·5	93
Shahabad ...	Arrah	20,960	22,505	43,465	7	10	*17*	8·4	11·9	*20·3*	70	...	.	19	...	...	6	*25*	...	..	22·7	...	...	7·2	*29·9*	38·3	9	16	22·3	37·0	60
	Buxar	9,299	8,369	17,668	3	4	*7*	8·8	11·8	*20·6*	75	15	..	5	...	...	2	*22*	44·1	...	14·7	...	...	5·9	*64·7*	41·1	10	12	55·9	74·6	75
Muzaffarpur ...	Muzaffarpur ...	23,084	19,658	42,742	14	9	*23*	17·0	10·9	*28·0*	155	15	1	21	2	...	13	*59*	18·2	1·2	25·5	2·4	...	15·8	*63·3*	46·2	30	22	67·6	58·2	116
Darbhanga ...	Darbhanga ...	33,774	32,322	66,096	35	25	*60*	27·5	19·7	*47·2*	140	36		36	9	...	12	*93*	25·3	..	28·3	7·1	...	9·4	*73·2*	46·4	45	48	69·3	77·2	89
Saran ...	Chapra	25,116	26,554	54,670	15	16	*31*	15·1	16·1	*31·2*	95	..	...	9	2	...	6	*17*	..	...	9·1	2·0	...	6·0	*17·1*	21·1	6	11	12·4	21·5	57
Champaran ...	Motihari	6,328	3,979	10,307	...	3	*3*	...	15·1	*15·1*	No male birth.	6	...	5	2	...	2	*15*	50·3	...	25·2	10·1	...	10·1	*75·7*	111·0	11	4	90·4	52·3	172
Monghyr ...	Monghyr	28,154	29,366	57,520	16	9	*25*	14·5	8·1	*22·6*	177	...	1	11	2	..	11	*25*	...	·9	9·9	1·8	...	9·9	*22·6*	36·2	15	10	27·7	17·7	156
	Jamálpur ...	7,456	6,107	13,563	6	3	*9*	23·0	11·5	*34·5*	200	...	...	5	...	...	2	*7*	...	...	19·1	...	...	7·6	*26·8*	35·3	3	4	20·9	34·1	61
Bhágalpur ...	Bhagalpur ...	34,916	33,322	68,238	19	18	*37*	14·4	13·7	*28·2*	105	...	...	45	5	1	1	*58*	..	...	36·6	6·1	·8	·8	*44·2*	45·7	36	22	58·6	31·3	136
Purnea ...	Purnea	8,463	6,553	15,016	2	2	*4*	6·9	6·9	*13·9*	100	...	...	3	..	...	...	*3*	...	...	10·4	...	...	...	*10·4*	34·6	2	1	12·3	7·9	155
Malda ...	English Bazar ...	6,289	6,141	12,430	3	4	*7*	12·6	16·7	*29·3*	75	...	1	1	...	...	4	*6*	...	4·2	4·2	...	..	16·7	*25·1*	37·7	5	1	41·4	8·5	487
Sonthal Parganas.	Deoghur	4,964	3,041	8,005	3	1	*4*	19·5	6·5	*26·0*	300	5	...	3	3	...	2	*13*	32·5	...	19·5	19·5	...	13·0	*84·4*	71·5	7	6	73·3	102·6	71
Cuttack ...	Cuttack	22,632	20,607	43,239	11	12	*23*	13·2	14·4	*27·7*	91	6	...	6	1	...	5	*18*	7·2	...	7·2	1·2	...	6·0	*21·6*	26·5	10	8	23·0	20·2	113
Puri ...	Puri	13,247	11,537	24,784	7	3	*10*	14·7	6·3	*21·0*	233	5	1	4	2	2	7	*21*	10·5	2·1	8·4	4·2	4·2	14·7	*44·1*	39·9	13	8	51·0	36·1	141
Balasore ...	Balasore	10,282	9,983	20,265	9	5	*14*	23·1	12·8	*35·9*	180	50	...	3	2	...	7	*62*	128·3	...	7·7	5·1	...	17·9	*159·1*	82·1	35	27	177·0	140·6	125
Hazáribagh ...	Hazáribagh ...	7,639	7,667	15,306	4	5	*9*	13·6	17·0	*30·6*	80	...	..	10	1	...	...	*11*	...	...	34·0	3·4	...	...	*37·4*	31·6	6	5	40·8	33·9	120
Lohardaga ..	Ranchi	10,101	8,342	18,443	5	4	*9*	14·1	11·3	*25·4*	125	...	1	10	...	1	2	*14*	...	2·8	25·2	...	2·8	5·6	*39·5*	19·7	6	5	30·9	49·9	63
Singhbhum ...	Chaibassa	3,126	2,880	6,006	...	4	*4*	..	34·6	*34·6*	No male birth.	...	...	2	1	...	...	*3*	...	..	17·3	8·6	...	...	*26·0*	34·6	2	1	33·3	15·1	184
Manbhum ...	Purulia	5,060	4,244	9,304	1	4	*5*	5·6	22·3	*27·9*	25	5	...	3	1	...	2	*11*	27·9	...	16·8	5·6	...	11·1	*61·5*	44·7	8	3	82·2	36·8	223
	Total	[illegible]	[illegible]	[illegible]	419	364	*283*	12·7	11·1	*23·8*	115	374	45	358	80	8	195	*1,290*	11·4	1·4	17·9	2·4	·2	3·9	*39·2*	43·7	710	580	41·1	37·1	110

		13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
DISTRICTS.	NAMES OF MUNICIPALITIES.	DEATHS AMONG—					RATIO PER 1,000 OF POPULATION PER ANNUM.					DEATHS.										RATIO PER 1,000 OF POPULATION PER ANNUM.									
		Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	16	10	...	...	...	35·1	50·7	...	...	1	2	3	2	2	2	5	7	..	2	78·8	46·1	66·9	41·3	33·3	13·1	37·7	52·4	...	70·2
	Raniganj	...	6	...	...	...	...	35·0	...	...	...	...	...	1	1	1	1	...	1	...	1	...	...	45·9	57·1	63·6	21·5	...	41·6	...	124·7
Bankura ...	Bankura	...	7	...	...	...	...	21·4	...	...	...	...	1	...	2	...	2	1	...	...	1	...	27·2	...	57·3	...	31·6	19·7	...	...	52·4
Birbhum ...	Suri	...	3	1	...	...	...	26·7	26·1	...	...	1	...	...	...	...	...	1	...	...	2	298·9	...	..	...	...	...	42·6	...	...	217·6
Midnapore ...	Midnapore ...	...	20	4	...	..	...	40·1	25·8	...	.	3	2	...	1	4	2	5	3	1	3	210·0	44·2	...	17·1	65·8	14·2	46·9	41·9	25·2	85·2
Hooghly, including Serampore.	Hooghly and Chinsura.	...	18	8	...	...	...	37·0	67·5	...	...	5	3	2	...	...	3	4	3	5	1	323·8	70·3	36·0	...	...	25·1	36·4	37·4	100·1	25·1
	Serampore	...	32	2	...	...	...	65·9	110·9	...	...	4	1	...	1	7	3	8	7	...	3	293·0	26·8	...	23·4	166·7	29·0	83·7	107·9	...	112·1
	Utterpara	...	3	...	...	...	...	29·3	..	...	...	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	45·2	...	148·4	...	...
Howrah ...	Howrah	1	45	14	...	1	27·5	34·3	35·5	..	215·8	9	8	4	2	4	8	11	8	5	2	226·9	75·1	33·1	15·8	28·4	18·3	29·7	35·4	47·4	27·7
	Bally	...	5	1	...	...	...	19·4	39·7	...	...	1	1	1	...	...	2	...	...	1	.	149·6	52·1	48·8	...	...	31·1	...	...	49·6	...
24-Parganas	Cossipore-Chitpur	...	8	1	...	...	...	22·8	6·6	...	...	1	1	...	...	2	...	2	1	1	1	108·8	50·0	...	...	114·4	..	16·2	20·8	53·4	111·1
	Manicktola ...	...	8	8	.	...	...	24·0	36·2	...	...	5	...	1	3	1	...	1	4	...	1	4,193·5	...	321·0	133·7	27·3	...	6·4	46·2	...	54·9
	Baranagore ..	...	22	1	...	...	...	44·4	12·5	...	...	6	1	2	...	..	4	3	1	3	3	460·9	25·3	41·7	...	...	32·5	26·7	12·6	75·4	23·1
	South Suburban	...	15	8	...	...	...	24·6	21·3	...	...	3	1	2	2	2	2	5	1	5	...	117·6	10·9	20·5	21·8	23·6	10·2	30·1	8·8	78·4	...
Nadia ...	Krishnagar ...	...	15	6	...	...	...	41·9	37·7	...	...	3	2	3	...	1	2	1	4	3	2	314·5	42·2	45·4	...	25·3	21·6	12·1	63·8	74·0	60·2
	Ranaghat	...	3	2	...	...	...	21·3	76·2	...	...	2	...	...	...	...	...	...	...	1	2	502·4	...	...	...	...	...	...	...	71·8	152·8
	Santipur ...	...	10	6	...	...	...	25·1	34·0	...	...	5	1	1	1	2	2	2	1	1	...	307·7	17·9	13·8	17·9	46·7	21·2	24·0	14·8	22·6	...
Jessore ...	Jessore	...	..	4	...	...	...	...	51·4	...	...	..	...	...	1	...	...	1	1	1	...	...	...	...	78·2	...	...	34·0	49·5	92·4	...
Murshidabad.	Berhampore ...	...	34	6	...	...	...	97·3	60·1	...	...	...	10	1	3	2	4	5	4	3	5	...	326·2	24·6	82·0	59·0	46·7	93·9	60·4	83·0	162·7
	City Murshidabad	...	12	17	...	...	...	27·5	55·9	...	...	3	3	4	...	.	7	3	5	2	2	204·5	63·4	60·4	...	...	49·7	21·5	44·4	29·3	33·6
Khulna ...	Khulna	1	6	7	...	...	1000·0	97·8	119·4	...	...	...	3	1	1	...	4	4	1	...	...	...	195·5	65·4	71·9	...	193·8	247·9	79·8	...	...
Dinajpur ...	Dinajpur	...	4	8	...	...	...	34·3	64·9	...	...	3	...	1	...	...	1	1	2	1	3	757·3	...	41·5	...	...	19·3	21·0	66·3	62·7	244·1
Rajshahi ...	Rampur Boalia ...	...	6	7	...	...	...	31·5	37·1	...	...	...	1	1	...	3	1	3	1	2	1	...	36·7	25·1	...	93·9	12·5	43·3	21·2	83·8	54·0
Rangpur ...	Rangpur	...	1	...	...	...	...	8·0	...	...	...	...	...	1	...	...	...	...	..	...	...	...	...	41·3	...	...	...	...	...	...	...
Bogra ...	Bogra	...	...	1	...	...	...	...	15·0	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	157.6	...

Pabna ...	Pabna	...	7	6	...	...	...	1·0	38·5	...	...	3	1	1	...	...	...	6	1	...	1	392·9	35·7	30·8	...	...	...	125·0	30·5	...	52·3
	Sirajganj ...	...	1	6	...	...	...	6·1	25·4	...	...	5	2	...	...	...	...	...	...	...	...	482·4	43·5	...	...	...	...	...	...	...	...
Darjeeling ...	Darjeeling ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jalpaiguri ...	Jalpaiguri ...	...	1	...	...	...	...	12·2	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	28·7	...	...	...	...
Dacca ...	Dacca	...	33	31	...	...	...	42·6	41·0	...	...	10	13	6	...	3	6	11	5	1	9	274·0	91·7	31·4	...	21·4	20·4	40·1	31·0	11·0	84·9
	Naraingapj ...	...	2	6	...	...	...	16·4	50·6	...	...	5	...	...	...	1	1	...	...	...	1	931·9	...	...	...	49·8	19·5	...	...	...	79·8
Faridpur ...	Faridpur ...	...	1	5	...	...	...	9·7	53·5	...	...	1	..	...	...	1	1	1	1	...	1	222·2	...	...	...	72·7	28·0	35·6	44·6	...	70·2
Backergunge...	Barisál	...	4	9	...	...	...	34·4	65·5	...	...	...	2	...	...	1	2	4	1	1	2	...	122·2	...	...	41·1	32·8	83·4	31·6	58·3	183·4
Mymensingh ...	Nasirabad ...	...	2	1	...	...	...	13·6	7·3	...	...	...	...	...	...	1	...	...	...	2	...	...	...	...	...	37·8	...	...	...	112·8	...
Chittagong ...	Chittagong ...	...	1	17	...	...	...	9·0	57·8	...	...	2	3	2	2	1	4	...	...	1	3	184·7	79·3	41·6	40·4	21·5	44·9	...	...	47·9	196·0
Noakhali ...	Sudharam ...	...	2	4	...	...	...	40·6	82·3	...	...	...	1	1	...	...	1	...	1	1	1	...	146·1	106·1	...	...	44·4	...	101·8	164·6	262·6
Tippera ...	Comilla	...	2	12	...	...	...	17·5	84·4	...	...	4	2	1	...	...	...	2	4	1	...	700·3	79·5	31·9	...	...	...	52·2	158·3	64·9	...
Patna ...	Patna City ...	...	109	14	...	...	...	47·6	17·8	...	...	19	23	9	4	6	13	8	6	15	20	229·2	81·9	27·8	14·4	27·9	23·5	17·9	16·6	55·2	75·3
	Bihár	...	22	2	...	...	...	34·0	6·8	...	...	7	8	...	...	...	3	1	2	2	1	245·1	71·8	...	...	...	18·4	7·4	20·2	28·7	14·5
	Dinapore	...	4	...	...	...	..	5·4	..	...	...	...	1	...	...	...	1	...	...	...	2	...	9·4	...	...	...	5·7	...	...	...	25·3
Gaya ...	Gaya	...	78	8	...	...	...	67·6	25·9	...	...	19	5	4	3	1	10	8	6	10	20	552·0	40·9	29·7	23·2	9·9	35·3	32·7	31·9	79·1	202·1
Shahabad ...	Arrah	...	17	8	...	...	...	28·5	33·5	...	...	5	1	1	1	...	6	...	1	5	5	201·9	11·7	10·1	11·8	...	39·7	...	11·1	84·0	90·2
	Buxar	...	18	4	...	...	...	67·3	57·9	...	...	1	3	...	1	1	4	4	4	1	3	125·3	90·6	...	28·3	47·5	65·1	68·4	98·0	47·2	144·2
Muzaffarpur ...	Muzaffarpur ...	...	40	12	...	...	...	69·3	50·0	...	...	9	10	7	1	3	2	5	6	1	8	490·1	128·7	80·9	13·1	51·5	12·1	37·3	62·3	16·0	170·9
Darbhanga ...	Darbhanga ...	...	69	24	...	...	...	74·1	71·0	...	...	14	17	9	9	1	12	2	8	10	11	467·6	116·1	59·8	84·2	12·9	46·9	9·3	55·9	118·5	179·1
Saran ...	Chapra	...	15	2	...	...	...	19·7	8·7	...	...	4	6	1	...	...	4	2	...	...	...	147·4	62·4	8·7	...	...	22·5	11·7	...	...	...
Champaran ...	Motihari	...	11	4	...	...	...	76·0	75·1	...	...	1	6	1	...	1	1	4	1	...	...	379·6	317·7	47·1	...	78·0	25·8	140·4	48·5	...	...
Monghyr ...	Monghyr	...	22	3	...	..	...	25·6	12·4	..	...	10	1	2	...	1	2	2	5	1	1	350·2	8·4	14·7	...	13·8	10·1	11·7	40·8	13·1	14·5
	Jamálpur ...	...	3	4	...	...	...	15·9	67·0	...	...	2	2	..	...	...	1	...	...	2	...	293·0	68·3	...	...	...	18·5	...	...	151·8	...
Bhágalpur ...	Bhágalpur ...	...	51	7	...	...	...	54·2	19·3	...	...	8	21	6	...	2	6	...	2	6	7	289·9	168·3	41·2	...	21·0	23·9	..	13·6	61·5	84·6
Purnea ...	Purnea	...	2	1	...	...	...	11·3	9·2	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	30·5	28·0	...	...
Malda ...	English Bazar ...	...	5	1	...	...	...	35·8	10·1	...	...	2	...	...	...	...	1	...	...	2	1	352·5	...	...	...	...	22·6	...	...	139·0	74·0
Sonthal Parganas.	Deoghur	...	13	...	...	...	...	87·7	...	...	...	...	1	2	...	...	...	2	3	4	1	...	90·4	147·3	...	...	...	64·8	166·5	416·8	136·1
Cuttack ...	Cuttack	...	15	3	...	...	...	23·2	20·2	...	...	6	...	...	...	2	1	3	1	2	3	304·1	...	...	...	25·0	6·0	25·5	11·5	33·7	52·9
Puri ...	Puri	...	21	...	...	...	...	44·5	...	..	...	3	...	...	1	3	3	3	1	3	4	514·9	..	...	27·7	83·0	29·5	38·5	15·6	69·9	115·2
Balasore ...	Balasore	1	60	1	...	...	150·3	155·2	16·9	...	...	1	5	4	3	16	8	13	6	3	9	99·1	139·4	61·3	81·0	303·9	101·9	231·3	146·4	121·8	404·1
Hazáribágh ...	Hazáribágh ...	...	9	2	...	..	...	42·5	25·2	...	...	3	5	...	1	...	...	1	..	...	1	320·3	142·8	...	32·6	...	...	24·4	...	...	62·1
Lohardaga ...	Ranchi	1	6	4	...	3	35·0	33·9	38·6	...	66·1	3	2	...	...	...	2	1	...	5	1	331·9	56·5	...	...	...	27·3	16·9	...	265·0	64·1
Singhbhum ...	Chaibassa	...	2	1	..	...	..	20·3	66·8	..	...	1	1	...	...	..	...	1	...	...	...	321·0	93·7	...	...	...	...	45·6	...	...	...
Manbhum ...	Purulia	1	10	...	...	...	204·8	66·7	...	...	...	2	...	...	1	...	2	4	1	1	...	587·6	...	...	58·0	...	52·1	122·7	58·9	111·1	...
	TOTAL ...	5	957	324	...	3	16·4	41·7	34·1	...	32·8	205	183	86	47	70	149	159	124	116	151	268·0	64·2	25·3	15·8	28·1	22·5	28·7	32·2	50·0	76·1

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 16th May 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.*,
Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Major Works for the month of March 1892, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1891-92. During the month.	TOLLAGE, 1891-92. To end of the month.	TOLLAGE, 1890-91. During the month.	TOLLAGE, 1890-91. To end of the month.
Orissa Circle.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Taldanda Canal System	557 15 9	4,391 15 6	251 11 7	2,128 2 7
Kendrapara ditto	10,289 2 8	96,042 5 4	10,877 13 0	91,694 12 11
High Level, Range I	1,795 6 0	12,905 4 2	1,609 10 8	12,208 0 11
Ditto „ II	531 6 3	3,026 11 3	269 12 6	3,185 0 9
Ditto „ III	224 0 3	1,774 10 7	191 3 2	2,174 14 7
Jajpur Canal ...	48 0 0	285 12 6	33 4 6	317 13 8
Total Orissa Circle ...	13,445 14 11	1,18,426 11 4	13,233 7 5	1,11,708 13 5
South-Western Circle.				
Midnapore Canal	14,499 4 9	1,25,097 8 0	8,595 15 6	1,23,058 11 9
Hidgellee Tidal Canal .	6,763 11 9	37,286 13 0	......	26,809 8 6
Total South-Western Circle... ...	21,263 0 6	1,62,384 5 0	8,595 15 6	1,49,868 4 3
Sone Circle.				
Patna Canal System ...	3,136 7 6	25,454 12 6	4,960 11 3	28,525 14 5
Arrah ditto ...	2,512 9 6	21,047 10 6	1,286 11 0	18,179 7 0
Buxar ditto ...	1,306 7 0	10,788 15 9	690 8 0	9,998 10 3
Total Sone Circle ...	6,955 8 0	57,291 6 9	6,937 14 3	56,703 15 8
GRAND TOTAL ...	41,664 7 5	3,38,102 7 1	28,767 5 2	3,18,281 1 4

Government Transport Service.

CANAL.	TOLLAGE, 1891-92. During the month. Passengers.	Goods.	Total receipts.	To end of the month. Passengers.	Goods.	Total receipts.	TOLLAGE, 1890-91. During the month. Passengers.	Goods.	Total receipts.	To end of the month. Passengers.	Goods.	Total receipts.
Orissa Circle.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level ...	2,250	3,068	2,458 6 6	13,912	14,379	14,521 15 10	1,399	2,187	1,557 9 3	12,538	11,955	13,663 5 6
Total Orissa Circle	2,250	3,068	2,458 6 6	13,912	14,379	14,521 15 10	1,399	2,187	1,557 9 3	12,538	11,955	13,663 5 6

Total Navigation Receipts.

CANALS.	EARNINGS, 1891-92. During the month.	EARNINGS, 1891-92. To end of the month.	EARNINGS, 1890-91. During the month.	EARNINGS, 1890-91. To end of the month.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Orissa Canals ...	15,904 5 5	1,32,948 11 2	14,791 0 8	1,25,372 2 11
Midnapore Canal ...	14,499 4 9	1,25,097 8 0	8,595 15 6	1,23,058 11 9
Hidgellee Tidal Canal ...	6,763 11 9	37,286 13 0	......	26,809 8 6
Sone Canals ...	6,955 8 0	57,291 6 9	6,937 14 3	56,703 15 8
Total ...	44,122 13 11	3,52,624 6 11	30,324 14 5	3,31,944 6 10

CALCUTTA,
The 17th May 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH, BENGAL.

Abstract Statement showing Tollage on Canals in Bengal classed as Minor Works and Navigation for the month of March 1892, *as compared with that of the corresponding month of the previous year.*

Canals.	Tollage, 1891-92.		Tollage, 1890-91.	
	During the month.	To end of the month.	During the month.	To end of the month.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta and Eastern Canals ...	38,652 8 3	3,96,661 4 6	46,257 11 9	3,94,473 4 3
Tolly's Nullah ...	8,473 9 0	1,12,520 14 9	11,585 0 3	1,20,271 4 9
Total ...	47,126 1 3	5,09,182 3 3	57,842 12 0	5,14,744 9 0
Orissa Coast Canal ...	8,033 6 0	59,104 8 9	6,969 5 3	63,715 9 9
Nadia Rivers ...	6,623 1 6	1,92,718 7 0	9,146 2 0	2,00,507 15 0
Grand Total ...	61,782 8 9	7,61,005 3 0	73,958 3 3	7,78,968 1 9

CALCUTTA,
The 17*th May* 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 14*th May* 1892, *as compared with the corresponding week of the previous year.*

Nature of Cargo.	Week ending Saturday, the 14th May 1892.			Week ending Saturday, the 16th May 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	171	60,895	927	186	31,585	415
Jute	3	1,400	23	8	4,300	66
Firewood	76	42,915	645	15	6,475	89
Other articles	719	1,46,450	2,021	494	1,12,790	1,618
Total ...	969	2,51,660	3,616	703	1,58,150	2,188

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 7th May 1892, *on* 1,552¾ *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	316,516	3,00,284 8 0	33,67,401 20	9,35,473 4 0	18,004 6 0	12,53,762 2 0	72,472	159,742½	232,214½
Or per mile of railway ...	......	193 6 3	......	602 7 5	11 9 6	807 7 2	......	......	..
For previous 17 weeks of half-year	4,922,924	54,72,026 15 0	4,94,42,892 30	1,18,36,349 4 8	3,17,865 11 9	1,76,26,241 15 5	1,330,361½	1,893,901½	3,224,353
Total for 18 weeks ...	5,239,440	57,72,311 7 0	5,28,10,294 10	1,27,71,822 8 8	3,35,870 1 9	1,88,80,004 1 5	1,402,833½	2,053,733½	3,456,567½
Comparison.									
Total for corresponding week of previous year	298,714	2,96,644 11 8	31,78,525 0	7,90,550 12 5	18,785 2 0	11,05,980 10 1	71,837	117,986	189,823
Per mile of railway corresponding week of previous year ...	......	194 7 4	......	518 3 7	12 5 0	724 15 11	......	......	...
Total to corresponding date of previous year	5,222,474½	62,05,427 1 3	5,09,79,387 0	1,23,09,146 2 11	3,93,361 2 2	1,89,07,934 6 4	1,383,158	1,902,327	3,285,485

PATNA-GAYA STATE RAILWAY.

Approximate Return of Traffic for week ended 7th May 1892, *on* 57½ *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	13,502	6,030 9 0	42,591 30	3,271 12 0	45 0 0	9,347 5 0	1,539	855	2,394
Or per mile of railway	236	105 6 11	744 30	57 3 2	0 12 7	163 6 8	......	......	.....
For previous 17 weeks of half-year	*266,761	*1,40,440 8 0	†11,94,604 30	†68,500 1 0	‡851 9 3	2,09,798 2 3	29,578	16,588	46,166
Total for 18 weeks ...	280,263	1,46,471 1 0	12,37,196 20	71,777 13 0	896 9 3	2,19,145 7 3	31,117	17,443	48,560
Comparison.									
Total for corresponding week of previous year	14,843½	6,717 3 0	55,744 0	4,065 2 0	53 11 6	10,836 0 6	1,604	1,141	2,745
Per mile of railway corresponding week of previous year ..	259½	117 6 11	974 30	71 1 1	0 15 1	189 7 1	......	......	.....
Total to corresponding date of previous year	331,999	1,89,433 7 7	9,15,927 10	64,510 8 0	1,068 12 3	2,55,012 11 10	29,702	15,415	45,117

* Added number of passengers 7,005 and Rs. 4,661 }
† Ditto maunds 1,11,283 „ 1,738 } on account of differences between the approximate and audited returns from week ended 5th March to week ended 2nd April 1892.
‡ Deducted „ 9 }

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 7th May 1892, *on* 22½ *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	22,183	5,743 15 0	9,833 20	418 0 0	7 0 0	6,168 15 0	877	91	968
Or per mile of railway .. .	......	258 2 6	......	18 12 7	0 5 0	277 4 1	......	......	.....
For previous 17 weeks of half-year	*404,338	*1,05,019 9 0	†3,27,201 10	†11,396 0 9	‡195 0 9	1,16,610 10 6	15,460	1,861	17,321
Total for 18 weeks ...	426,521	1,10,763 8 0	3,37,034 30	11,814 0 9	202 0 9	1,22,779 9 6	16,337	1,952	18,289
Comparison.									
Total for corresponding week of previous year	23,293½	6,163 4 2	15,382 0	549 0 0	8 15 6	6,721 3 2	877	91	968
Per mile of railway corresponding week of previous year ...	......	277 0 0	......	24 10 10	0 6 5	302 1 3	......	......	.....
Total to corresponding date of previous year	471,015½	1,26,899 10 11	2,65,019 0	9,035 8 0	198 8 0	1,36,183 10 11	17,216	1,948	19,164

* Added number of passengers 782 and Rs. 321 }
† Ditto maunds 17,614 „ 163 } on account of differences between the approximate and audited returns from week ended 5th March to week ended 2nd April 1892.
‡ Deducted „ 15 }

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 7th May 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	a16,830	a11,786 7 0	35,444 20	7,346 11 0	76 0 0	19,209 2 0	6,480½	1,948	8,428½
Or per mile of railway	......	72 12 1	......	45 5 7	0 7 6	118 9 2	......	......	......
For previous 17 weeks of half-year	*284,666	*2,17,492 8 0	†7,53,146 0	†1,43,345 13 0	‡1,222 15 9	3,62,061 4 9	105,744½	37,292	143,036½
Total for 18 weeks ...	301,496	2,29,278 15 0	7,88,590 20	1,50,692 8 0	1,298 15 9	3,81,270 6 9	112,225	39,240	151,465
Comparison.									
Total for corresponding week of previous year	14,988	13,720 3 9	27,115 20	5,747 8 0	46 12 6	19,514 8 3	7,134	1,436	8,570
Per mile of railway corresponding week of previous year ...	......	84 11 1	......	35 7 8	0 4 7	120 7 4	......	......	......
Total to corresponding date of previous year	165,848	1,44,167 10 4	3,15,791 30	76,411 10 3	629 6 3	2,21,208 10 10	66,157	16,141	82,298

a The decrease is principally in third class passengers.
* Added number of passengers 9,130 and Rs. 9,635 }
† Deducted maunds 10,779 and added ,, 308 } on account of differences between the approximate and audited returns from week ended 5th March to week ended 2nd April 1892.
‡ Added ,, 131 }

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Bihár Sections.)

Approximate Return of Traffic for week ended 7th May 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	203,280	81,780 0 0	5,19,836 0	77,640 0 0	9,830 0 0	1,69,250 0 0	27,558	27,242	54,800
Or per mile of railway	262	105 0 0	669 0	100 0 0	†1 0 0	206 0 0	......	......	......
For previous 17 weeks of half-year*	2,921,022	14,45,657 0 0	1,00,32,982 0	13,84,952 0 0	2,32,220 0 0	30,62,829 0 0	477,820	497,885	975,705
Total for 18 weeks ...	3,124,302	15,27,437 0 0	1,05,52,818 0	14,62,592 0 0	2,42,050 0 0	32,32,079 0 0	505,378	525,127	1,030,505
Comparison.									
Total for corresponding week of previous year	186,596	99,017 0 0	6,68,986 0	1,07,383 0 0	17,188 0 0	2,23,588 0 0	26,000	36,043	62,043
Per mile of railway corresponding period of previous year ...	240	128 0 0	861 0	138 0 0	†4 0 0	270 0 0	......	......	......
Total to corresponding date of previous year	3,431,219	19,91,253 0 0	1,29,20,658 0	23,37,596 0 0	4,05,399 0 0	47,94,248 0 0	495,414	697,442	1,192,856

* Audited up to week ending 19th March 1892.
† Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 7th May 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	38,387	11,360 0 0	52,821 0	3,830 0 0	210 0 0	15,420 0 0	3,610	2,062	5,672
Or per mile of railway ...	307	91 0 0	423 0	31 0 0	1 0 0	123 0 0	...	......	......
For previous 17 weeks of half-year*	504,385	1,85,321 0 0	10,05,012 0	63,150 0 0	1,629 0 0	2,50,100 0 0	61,535	36,544	98,079
Total for 18 weeks ...	542,772	1,96,681 0 0	10,57,833 0	67,000 0 0	1,839 0 0	2,65,520 0 0	65,145	38,606	103,751
Comparison.									
Total for corresponding week of previous year	30,581	9,917 0 0	69,471 0	5,025 0 0	59 0 0	15,001 0 0	3,485	2,187	5,672
Per mile of railway corresponding week of previous year ...	245	79 0 0	556 0	40 0 0	1 0 0	120 0 0	......	....	......
Total to corresponding date of previous year	570,924	2,50,758 0 0	12,84,929 0	77,512 0 0	1,305 0 0	3,29,575 0 0	64,898	41,466	106,364

* Audited up to week ending 19th March 1892.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 7th May 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-mile run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	17,774	5,260 0 0	8,401 0	1,030 0 0	230 0 0	6,520 0 0	2,500	724	3,224
Or per mile of railway	207	61 0 0	98 0	12 0 0	3 0 0	76 0 0	......	......	......
For previous 17 weeks of half-year*	295,620	96,162 0 0	2,10,429 0	18,057 0 0	2,301 0 0	1,16,520 0 0	42,915	12,635	55,550
Total for 18 weeks ...	313,394	1,01,422 0 0	2,18,830 0	19,087 0 0	2,531 0 0	1,23,040 0 0	45,415	13,359	58,774
Comparison.									
Total for corresponding week of previous year	15,452	4,891 0 0	7,143 0	722 0 0	276 0 0	5,889 0 0	2,406	698	3,104
Per mile of railway corresponding week of previous year ...	180	57 0 0	83 0	8 0 0	3 0 0	68 0 0	......	......	......
Total to corresponding date of previous year	346,565	1,21,176 0 0	5,81,668 0	51,406 0 0	3,638 0 0	1,76,220 0 0	46,298	21,782	68,080

* Audited up to week ending 19th March 1892.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhut State Railway.)

Approximate Return of Traffic for the week ending 30th April 1892, on 755 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Coaching.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 755 miles open	90,600	38,030	7,09,690	86,680	17,210	1,41,920	11,568	28,279	39,847
Or per mile of railway	120·00	50·37	939·99	114·81	22·79	187·97	......	......	......
For previous 16¾ weeks of half-year (a).	1,521,986	6,73,083	59,82,175	8,61,459	1,67,918	17,02,460	198,477	294,549	493,026
Total for 17¾ weeks ...	1,612,586	7,11,113	66,91,865	9,48,139	1,85,128	18,44,330	210,045	322,828	532,873
Comparison.									
Total for corresponding week of previous year on 712 miles open	98,447	39,543	5,16,825	71,963	14,546	1,26,052	10,760	23,902	34,662
Per mile of corresponding week of previous year	138·27	55·54	725·88	101·07	20·43	177·04	......	......	......
Total to corresponding date of previous year	1,685,319	7,29,705	72,89,928	10,36,204	1,62,665	19,28,574	192,000	341,794	533,794

(a) Includes audited figures up to 20th February 1892.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 30th April 1892	17,619	0	0
Corresponding period of 1891	14,126	0	0
Increase	3,493	0	0
Receipts per mile for week ending 30th April 1892	345	7	6
Corresponding period of 1891	276	15	10
Increase	68	7	8
Receipts from 1st January to 30th April 1892	1,79,604	0	0
Corresponding period of 1891	1,68,293	0	0
Increase	11,311	0	0

Printed and published by Edwin Morris Lewis at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 18th May 1892.

[REGISTERED No. 29.]

No. 21 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, MAY 25, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

RESOLUTION REVIEWING THE REPORT ON THE LUNATIC ASYLUMS IN BENGAL FOR THE YEAR 1891.

MUNICIPAL DEPARTMENT—MEDICAL—No. 93T—M.

Darjeeling, the 20th May 1892.

RESOLUTION.

READ—

The Report on the Lunatic Asylums in Bengal for the year 1891.

Read again—

The Report for the year 1890, and the Resolution recorded upon it.

The present report, which has been submitted with admirable punctuality, shows the statistics of the asylums in the forms hitherto in use, which cannot be altered without the concurrence of the Government of India, but it adds to these the provincial totals and the modified statement relating to sickness and death, which were suggested in the Resolution on last year's report.

2. The population of the five native asylums on 1st January 1891 was 1,021, the admissions and re-admissions during the year amounted to 213; 149 persons were discharged cured and 42 otherwise, and 80 persons died. The number of persons under detention at the close of the year was 963, or 58 less than at the close of the preceding year. The larger portion of the decrease is

among the non-criminal lunatics, the decrease in this class being 42 as compared with a decrease of 16 in the class of criminal lunatics. The increase in the number of discharges, which amount to 191 as compared with 117 in 1890, is remarkable, and its cause a little obscure; but it is satisfactory to observe that it has occurred chiefly in the class "Cured." The number of admissions was 197, or only two less than in the previous year. It is hoped, however, that in future this number will be reduced when the instructions issued by Government in Circular No. 42, dated 3rd December 1891, regarding the admission of non-criminal lunatics, begin to take effect.

3. The decrease of 16 in the criminal population of the asylums is ascribed by Dr. Hilson to more vigorous supervision on the part of the visitors. It is not apparent, however, how this more vigorous supervision has been exercised. The admissions in this class, which amounted to 80 against 88 in 1890, do not seem to have been affected by the orders of Government prescribing greater caution in the admission of lunatics, as these orders have scarcely had time to begin to operate. Nor can the increase in the number of discharges, from 50 in 1890 to 83 in 1891, have been due to those orders, but it must probably be attributed to the effect of the rules laid down by the Committee in 1888, which are only now coming into full operation.

4. During the year under review, all the asylums were remeasured with the result that there is now found to be accommodation for 1,069 patients, calculated at 50 superficial feet for each patient. Dr. Hilson's surmise that the capacity of the asylums had been under-estimated is thus proved correct, and there is really accommodation for 50 more patients as compared with the capacity shown in the year 1890. This capacity too will be largely increased when the new buildings at Berhampore are completed. Some slight overcrowding, which occurred during the year in the Berhampore and Dacca Asylums, was relieved by making suitable temporary arrangements, so that but little inconvenience was felt.

5. The admissions into hospital were 717 as compared with 715 in the previous year. There were 3 cases of chicken-pox at Dacca, 1 case of cholera at Patna, 28 cases of influenza at Dacca, and 39 cases at Berhampore. It is remarkable that at Berhampore influenza was confined to females, while in the previous year males only suffered. There were 80 deaths as against 69 in 1890. Of these 1 was due to cholera, 17 to diarrhœa and dysentery, 10 to general debility and old age, 18 to tubercle of the lungs, 7 to pneumonia, 4 to anæmia, 6 to apoplexy and hemiplegia, 1 to paralysis, 2 to cirrhosis of the liver, 3 to exhaustion of mania, and the rest to other scattered causes. A comparison is suggested in the report between the sickness and mortality in jails and in the asylums, but such a comparison cannot be fairly made, since the population of a jail is mostly healthy, while that of a lunatic asylum is generally diseased. The rate of mortality ruling in the Bengal asylums may more properly be compared with that recorded in the asylums of other provinces of India, and with the death-rate of asylums in Europe. Taking the latter figures first, it will be found that while the mortality in jails in England is considerably lower than in Bengal, the reverse appears to hold good in the case of lunatic asylums. In 1890, for example, the death-rate in the Bengal asylums was 6·94 per cent., and during the past year it rose to 8·02. But the latter rate compares favourably with the 10 per cent. recorded in England, while French asylums show 15 and Austrian 12 per cent. Even in Belgium, where special attention has been paid to the treatment of lunatics, the mortality in public asylums and families taken together amounts to 8·8 per cent. A comparison with the death-rates of other provinces in India cannot be made for 1891, as the reports are not yet available. But in 1890 the Madras asylums had a death-rate of 18·4 per cent., Bombay showed 11, the Panjab 9·53, and the North-Western Provinces 9; while the rate for the Bengal asylums was only 6·94. These results may be considered satisfactory, and indicate that the health of the inmates of asylums is carefully looked after by the Superintendents. The whole subject of asylum mortality is, however, dealt with rather briefly in the report, and the Lieutenant-Governor would wish it in future to be treated at greater length.

6. The record of injuries, accidents and escapes compares favourably with that of last year, but is still too full. At Dalanda there were three trivial acci-

dents; at Dácca there were three accidents and six injuries, two of which were apparently due to violent treatment of the patients by their keepers. An account is given in the report of one of these cases and of the punishment inflicted on the culprits; the Lieutenant-Governor trusts that sufficiently severe notice was also taken of the other case. At Patna and Berhampore there were two accidents each, and at Cuttack there was one case of suicidal hanging. At Dacca there were two escapes, both the lunatics being recaptured.

7. The figures of income and expenditure are clearly shown in the statement in the body of the report. The details are as follow:—

INCOME.

	1890.	1891.	1890.	1891.
	Rs A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1. Received from Treasury ...	63,533 8 3	64,576 5 9		
2. Ditto from paying patients	1,314 15 3	1,228 14 0		
			64,848 7 6	65,805 3 9
3. Ditto from Manufacture Department			15,570 5 1	16,917 7 10
4. Ditto from Public Works Department			9,341 11 11	11,544 7 5
5. Ditto from Government Medical Store			530 1 3	433 4 4
6. Ditto from Stationery Office			84 5 7	80 4 9
GRAND TOTAL ...			90,374 15 4	94,780 12 1

EXPENDITURE.

	Received from treasury on account of—		Received from manufacture department on account of—		1890.	1891.
	1890.	1891.	1890.	1891.		
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1. Establishment proper ...	18,676 0 6	16,180 2 7	...	......	18,676 0 6	16,480 2 7
2. Superintendence	16,492 10 7	15,946 14 7	.....	......	16 492 10 7	15,946 14 7
3. Diet	22,744 15 2	20,783 1 5	13,330 15 7	14,610 13 2	36,075 14 9	34,593 14 7
4. Clothing and bedding	563 8 0	989 5 9	1,434 14 11	1,963 6 3	1,998 6 11	2,952 12 0
5. Bazar medicines	71 0 5	64 8 1	7 2 0	6 8 0	78 2 5	71 0 1
6. Contingencies proper . ..	3,659 5 1	6,148 4 2	387 14 7	703 1 8	4,047 3 8	6,851 5 10
7. Contingencies of manufacture	...	....	5 12 0	2 12 0	5 12 0	2 12 0
8. Repairs and maintenance ..	207 9 9	1,224 5 2	403 10 0	230 14 9	611 3 9	1,455 3 11
9. Rates and taxes on asylum buildings.	3,033 6 0	4,358 10 0	....	......	3,033 6 0	4,358 10 0
Total ...	64,848 7 6	65,805 3 9	15,570 5 1	16,917 7 10		
10. Printed forms and stationery ..	......	.....	..	...	84 5 7	80 4 9
11. English medicines	....	......	.....	......	530 1 3	433 4 4
12. Public works	.....	...	.....	......	9,341 11 11	11,544 7 5
GRAND TOTAL ...	....	.....	....	.....	90,374 15 4	94,780 12 1

Excluding the last three items and the manufacture charges, which are balanced by the receipts, the real expenditure, it is observed, increased by about Rs. 1,000, chiefly due to arrear and new taxes, and to the payment of water-rate at Dacca. The total amount expended on diet shows a decrease of Rs. 1,482-0-2. The average cost of each lunatic on account of diet was—Dalanda Rs. 37-14-1, Dacca Rs. 36-13-2, Patna Rs. 31-10 0, Cuttack Rs. 27-15-1, and Berhampore Rs. 33 3-5. The cost of rations per head of average strength in the neighbouring jails was—Alipore Rs. 26-3-0, Dacca Rs. 22-6-0, Patna Rs. 19-15-0, Cuttack Rs. 20-2-0, and Berhampore Rs. 24-14-0. The comparison is useful as indicating the possibility of managing with greater economy, but it must be remembered that the dieting of lunatics cannot be reduced to the same standard of cheapness as the dieting of convicts. The latter are for the most part in good health; the former are, with few exceptions, more or less sickly, and are apt to give trouble about their food; there is more waste, and the arrangements for feeding cannot be carried out on so large a scale as in the jails. Calculated on the actual expenditure shown in the first nine items of the statement given above, the average total cost of a patient in 1891 was Rs. 65-15-7, against Rs. 64-6-6 in 1890.

8. The population of the Bhawánipur European Asylum at the commencement of the year was 34, against 33 in 1890. Fifteen persons were admitted and one re-admitted during the year. Three of the admissions were criminal lunatics, none being serious cases. During the year three persons were discharged cured, one was despatched to Europe under the Merchant Shipping Act, one was transferred to the care of friends, two were made over to the Military authorities, one was despatched to Europe as still insane, and seven died. The

number of patients under detention at the close of the year was 35. There was no want of accommodation either in the male or the female wards: the overcrowding among females which occurred last year was relieved by adding an upper storey to the female ward. There were no injuries, accidents or escapes during the year. The general health of the patients was good. The total expenditure for the year was Rs. 25,370 as against Rs. 20,583 in 1890, the increase of Rs. 4,787, which was unavoidable and partly non-recurrent, being due to the construction of the upper storey and to the payment of rates and taxes for the first time. The question of closing this asylum altogether, and transferring the patients to the Dalanda block of buildings, is now under consideration, and has been referred to a special Committee.

9. The thanks of the Lieutenant-Governor are due to Dr. Hilson for this report. His Honour is glad to observe the favourable terms in which Dr. Hilson acknowledges the efficiency of the Superintendents and their subordinates.

By order of the Lieutenant-Governor of Bengal,

H. H. RISLEY,

Offg. Secretary to the Govt. of Bengal.

REPORT ON THE STATE OF THE SALT MARKET FOR THE FOURTH QUARTER OF 1891-92.

No. 375B, dated Calcutta, the 13th May 1892.

From—T. Inglis, Esq., Offg. Secretary to the Board of Revenue, L.P.,
To—The Secretary to the Government of Bengal, Financial Department.

Salt.
C. C. Stevens, Esq.

I am directed by the Board of Revenue to submit the following report on the state of the salt market for the fourth quarter of 1891-92, comprising the months of January, February and March 1892.

2. The quantity of salt of every description cleared during the quarter under report amounted to 22,12,558 maunds 29 seers 13 chittacks, against 24,29,085 maunds 23 seers 12 chittacks in the previous quarter, and 22,65,538 maunds 34 seers 12 chittacks in the corresponding quarter of the previous year; and the net amount of duty levied thereon was Rs. 51,96,684-6, against Rs. 56,68,108-12 in the previous quarter and Rs. 52,74,742-6 in the corresponding quarter of the previous year.

3. The quantity of excise salt sold in Orissa during the quarter under review, and the quantity which remained in store at the close of the quarter, are shown in table I:—

TABLE I.

	Cuttack.	Puri.	Balasore.
		Mds. s.	Mds. s.
Balance at close of the last quarter	......	41,887 0	905 0
Manufactured or added during the quarter	......	......	......
Total ...	......	41,887 0	905 0
Sales during the quarter	......	3,274 0	799 0
Wastage	......	781 30	......
Total ...	......	4,055 30	799 0
Balance at close of the quarter	......	37,831 10	106 0

4. The total sale of excise salt during the quarter under review amounted to 4,073 maunds, against 3,439 maunds in the previous quarter and 23,232 maunds in the corresponding quarter of the previous year. The total amount of excise salt cleared, *i.e.*, on which duty was paid during the quarter, was 5,703 maunds. The figures in the table shown in the last paragraph are for the salt removed from the golahs.

5. The subjoined table shows in comparison the importations into the port of Calcutta and the total clearances of sea-imported salt during the quarter under review and the corresponding quarters of the previous two years :—

TABLE II.

	1889-90.		1890-91.		1891-92.	
	4th quarter.		4th quarter.		4th quarter.	
	Imported.	Cleared.	Imported.	Cleared.	Imported.	Cleared.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Liverpool pungah	18,66,964	15,51,029	14,64,137	14,64,207	12,60,502	13,09,769
Foreign karkach	6,90,489	5,94,536	1,73,402	5,34,559	6,84,184	5,98,864
Indian ditto	1,02,593	1,12,503	1,88,843	1,37,578	57,953	1,19,768
Total ...	26,60,046	22,58,968	18,26,382	21,36,344	20,03,029	20,88,401

6. The following are the details of the Indian karkach salt shown in the above table :—

TABLE III.

	1889-90.		1890-91.		1891-92.	
	4th quarter.		4th quarter.		4th quarter.	
	Imported.	Cleared.	Imported.	Cleared.	Imported.	Cleared.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Bombay	57,451	60,480	1,83,045	1,31,780	57,953	1,10,928
Vizagapatam	......	......	......	......	......	......
Coconada	39,046	36,918	5,798	5,798	......	......
Madras	6,000	6,000	......	......	......	......
Tuticorin	56	56	......	......	....	8,840
Calingapatam	40	40	......	......	......	......
Total ...	1,02,593	1,12,503	1,88,843	1,37,578	57,953	1,19,768

7. Table IV shows the quantity of sea-imported salt remaining in the warehouses at the close of the quarter, as compared with the results of the previous four quarters :—

TABLE IV.

WHERE STORED.	Fourth quarter of 1890-91.	First quarter of 1891-92.	Second quarter of 1891-92.	Third quarter of 1891-92.	Fourth quarter of 1891-92.
	Mds.	Mds.	Mds.	Mds.	Mds.
Sulkea Government golahs	22,46,443	15,58,915	11,89,650	16,91,716	13,73,050
Chittagong ditto ditto	2,43,399	1,26,919	1,27,631	1,13,972	94,230
Ditto private ditto	......	42,998	37,928	22,178	5,257
Naraingunge ditto ditto	......	168	8,451	868	......
Total ...	24,89,842	17,29,000	13,63,660	18,28,734	14,72,537

8. The despatches of salt from Calcutta by water, and the three Railways passing the several salt pass-stations into the interior of the country, both east and west of the river Hooghly, during the quarter under review and the corresponding quarters of the previous two years, are shown in the table below :—

TABLE V.

PERIOD.	*Viâ* Balikhall.	*Viâ* Sankrail.	*Viâ* Gewankhally.	*Viâ* Kidderpore.	*Viâ* Balliaghatta.	*Viâ* Ruthtollah Ghât.	By the East Indian Railway.	By the Eastern Bengal and South-Eastern Railways or *viâ* Chitpore.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Fourth quarter of 1889-90 ...	1,87,409	1,42,600	95,192	79,200	5,52,241	2,847	8,84,235	2,55,550
Ditto of 1890-91 ...	1,80,345	1,18,564	95,082	70,236	4,37,801	793	7,52,705	2,58,611
Ditto of 1891-92 ...	1,64,453	1,19,684	84,127	58,794	3,88,313	360	8,60,777	2,40,035

9. The quantity of salt despatched by the East Indian Railway to stations beyond Buxar during the quarter under review amounted to 3,098 maunds 10 seers as noted in the margin, against 1,903 maunds 20 seers in the previous quarter, and 2,857 maunds 10 seers in the corresponding quarter of the previous year. A further quantity of 58,725 maunds was sent to Orissa during the quarter, against 63,255 maunds sent during the previous quarter and 63,472 maunds sent during the corresponding quarter of the previous year.

		Mds.	s.
January	...	688	20
February	...	1,377	0
March	...	1,032	30
Total	...	3,098	10

10. The shipments of Liverpool salt for the port of Calcutta, according to published market reports, were as follow:—

			Tons.
January	...	...	10,630
February	...	...	19,980
March	...	...	26,180
Total		...	56,790

11. Table VI shows the market price per 100 maunds of Liverpool and other descriptions of salt at the close of each fortnight during the quarter, as compared with those obtaining during the same period last year:—

TABLE VI.

Description of Salt.	Prices on the 15th January		Prices on the 31st January		Prices on the 14th February		Prices on the 29th February		Prices on the 15th March		Prices on the 31st March.	
	1891.	1892.	1891.	1892.	1891.	1892.	1891.	1892.	1891.	1892.	1891.	1892.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Liverpool panga ...	74	64	80	61	73	67	77	65	74	66	85	70
Jedda karkach ...	49	...	48	...	48	...	48	...	50	...	52	...
Bombay ditto ...	55	45	45	45	50	45	50	45	52	45	52	45
Muscat ditto ...	44	45	42	45	42	46	42	46	41	48	41	48
Rock ...	70	125	70	125	70	125	70	125	70	125	70	125

12. The following table shows the quantity of sea-imported salt admitted into bond and cleared from bond and shipboard at Chittagong and Narainganj during the quarter under review and the corresponding quarter of 1890-91:—

TABLE VII.

Port.	Description of Salt.	Admitted into Bond.				Cleared.					
		Fourth quarter of 1890-91.		Fourth quarter of 1891-92.		Fourth quarter of 1890-91.			Fourth quarter of 1891-92.		
		Mds.	s.	Mds.	s.	Mds.	s.	c.	Mds.	s.	c.
Chittagong	Liverpool	60,426	0	44,770	0	87,407	19	0	1,02,404	18	0
Narainganj ...	Ditto	......		......		22,894	30	0	16,050	11	0
	Total ...	60,426	0	44,770	0	1,10,302	9	0	1,18,454	29	0

No transactions in sea-imported salt have been reported for the quarter from the ports of Cuttack, Puri, and Balasore.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 21st May, 1892.

No.	District and date of return.		Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.				
BURDWAN DIVN.				
1	Burdwan Kalna Katwa Raniganj	May 21, '92	0·34 0·10 0·45 Nil	Weather—very warm. The slight rain is insufficient to do any good. Sufficient fodder for cattle. Water scarce in parts. Prices of common rice :— Srs. Sadar ... ... 13 to 16 Kalna ... ... 9 to 13 Katwa ... ... 12$\frac{1}{16}$ Raniganj ... ... 14 per rupee.
2	Bankura	„ 21, '92	Nil	Weather—very hot and cloudy at nights. Ploughing of fields begun. Rain wanted everywhere. Health of cattle not good owing to insufficient supply of fodder and water. Common rice is selling at 13$\frac{3}{4}$ seers per rupee at Bankura and 14 seers at Vishnupur (average price of the kinds of rice used by the lower and middle classes).
3	Birbhum Rampur Hát	„ 21, '92 ...	Nil 0·69	The heat is great and distressing. Fodder and water scarce. Cattle look thin. Rain in the north has lowered prices there very slightly, while they have risen elsewhere. Price of rice in Rampur Hát subdivision 12½ to 16 seers per rupee; elsewhere 12 to 14½ seers.
4	Midnapore	„ 21, '92	0·46	A little rain has fallen during the week. There is a breeze in the evening which lessens the intense heat. Indigo doing well. Rain wanted. Fodder scarce. Prices of common rice :— Srs. Sadar ... ... 13 Contai ... ... 12 Tamluk ... ... 12 Ghatál ... ... 13 per rupee.
5	Hooghly Serampore Jahánabad	„ 21, '92	Nil 0·07 0·59	No crops on the ground except sugarcane, which is suffering from want of rain. Land is being prepared for *aus*. Sowing will commence when heavy rain falls. Fodder-supply sufficient. Water-supply defective. Prices of common rice :— Srs. Ch. Sadar ... ... 10 0 Serampore ... ... 10 0 Jahánabad ... ... 12 12¼ per rupee.
6	Howrah Ulubaria	„ 21, '92 ...	Nil 0·41	Weather—hot and close. More rain wanted. Paddy sowing commenced. Condition of cattle good. Fodder and water-supply becoming inadequate in the south of the district. Price of rice 10 to 12 seers per rupee.
PRESIDENCY DIVN.				
7	24-Parganas	„ 21, '92	Nil	Weather—very hot; stormy in the evening; cool in the latter part of the night. Rain much wanted. Agricultural operations retarded for want of it. Fodder still sufficient, but water-supply becoming scanty. Cultivation backward. Condition of cattle good. Prices remain unchanged.
8	Nadia Kushtia Meherpur Ranaghat	„ 21, '92	0·30 2·00 0·43 0·88	Weather—hot and cloudy. *Aus*, sugarcane, and indigo doing well. More rain wanted, especially in the Meherpur subdivision. Coarse rice selling at from 10 seers 10 chitaks to 13 seers 5 chitaks per rupee. No cattle-disease.
9	Khulna Bágerhat Satkhira	„ 21, '92	0·03 1·82 0·72	Weather—hot. Clouds gathering at the end of the week. Cultivation of land for *aus* and *áman* going on, and sowing commenced. More rain wanted. Prospects of *til* and sugarcane favourable in Bágerhat. Common rice selling at from 11 to 14 seers per rupee. Fodder sufficient, but want of water for men and cattle still being felt.
10	Jessore Jhenida Magura Narail Bangaon	„ 21, '92	2·06 0·88 1·16 0·53 0·50	Weather—hot. Sowing of *aus* and indigo has advanced, that of *áman* has commenced, and that of jute progressing. Prospects fair. Prices steady. Fodder and drinking water available.
11	Murshidabad	...		Report not received.
CHITTAGONG DIVN.				
12	Chittagong	„ 21, '92	Nil	Weather—seasonable. Prices stationary. Condition of cattle generally good. Supply of fodder sufficient.
13	Noakhali	„ 21, '92	Nil	Weather—close and sultry. Prospects of standing crops favourable. Fodder and water available. No cattle-disease. Prices stationary.
14	Tippera	„ 21, '92	0·77	Weather—hot and cloudy. *Til* and chillies are being gathered; outturn above average. Sowing of *aus* and *áman* nearly finished. Prospect good. Prices stationary.
15	Chittagong Hill Tracts.	„ 19, '92	Nil	Weather—seasonably hot. Sowing of paddy, cotton and other hill-produce in *jums* still continues; and the *jum*-produce is progressing. Mangoes and jacks are selling in the bazar. Cattle-disease reported. Common rice selling at 10 seers per rupee.

No.	District and date of return.		Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—*concld.*				
DACCA DIVN.				
16	Dacca	May 21, '92	0·38	Weather—hot and cloudy. Sowing of jute and paddy nearly finished. *Áman, áus,* and jute plants thriving. Fodder available. No cattle-disease. Common rice selling at from 12 to 16 seers per rupee.
17	Faridpur	„ 21, '92	1·16	Weather—very hot all the week; a little cooler to-day (21st). Prospects of crops good at present. Rice selling at 13½ seers per rupee in the Sadar and at 13 seers at Goalundo and Madaripur. Condition of cattle good, and they got fodder.
18	Backergunge	„ 21, '92	0·11	Weather—hot and cloudy in the morning. State and prospects of crops fair. Ordinary rice sells at from 10 to 13 seers per rupee. Fodder and water sufficient.
	Bhola	...	1·63	
	Patuakhali	...	1·53	
	Pirojpur	...	1·63	
19	Mymensingh	„ 21, '92	2·40	Weather—cloudy and rainy. Prospects of standing crops fair. Too much rain for *aus* and jute. Common rice sells at 13½ seers per rupee. Supply of water and fodder sufficient.
RAJSHAHI DIVN.				
20	Dinajpur	„ 21, '92	1·90	Weather—cool and rainy with occasional breaks. Weeding of *bhadoi* and jute in progress. Prospects of these crops as well as sugarcane are favourable. Sowings of *bhadoi* much larger than usual. Price of rice at Sadar stationary. Condition of cattle good. Supply of fodder and drinking water continue sufficient.
21	Rajshahi	„ 21, '92	0·71	Weather—cooler, but still seasonable. *Aus, áman,* jute and sugarcane are all doing well. More rain seems to be coming. *Boro* rice will give a good outturn. Only a few cases of small-pox among cattle; fodder and drinking water sufficient. Price of rice varies from 11 to 15 seers per rupee throughout the district.
	Nator	..	2·86	
	Nowgong	...	0·96	
22	Rangpur	„ 21, '92	5·45	Weather—rainy and cool. Prospects of *aus* favourable. Fine weather required for weeding. Price of common rice 11 to 14 seers per rupee.
	Gaibanda	...	0·55	
	Nilphamari	...	1·35	
	Kurigaon	...	3·20	
	Ulipur	..	2·38	
23	Bogra	„ 21, '92	1·70	Weather—hot with some heavy storms from 14th to 18th; then cooler and more cloudy with more constant rain from 19th to 21st. All standing crops in excellent condition. Price of rice stationary at 13½ seers per rupee. Large export of rice from western thánas continues.
	Sherpur	...	0·63	
	Naukhila	...	1·99	
24	Pabna	„ 21, 92	2·29	Weather—cool in the morning, cloudy in the afternoon. Heavy showers have improved prospects of standing crops. Weeding going on. Common rice selling at 13 seers per rupee. Fodder and water-supply sufficient except at Dulai. Condition of cattle good.
25	Darjeeling	„ 21, 92	5·14	Weather—extraordinarily rainy for the season. *Bhadoi* paddy and jute sowings completed; *aghani* being sown. *Makai* doing very well. *Chhota marua* progressing favourably. Fodder and water-supply sufficient. No cattle-disease.
26	Jalpaiguri	„ 21, '92	14·10	Weather—cool and cloudy. Heavy rain during the week has done some injury to the jute and *bhadoi* seedlings. Fair weather wanted for a fortnight at least for weeding. Price of rice unchanged. No cattle-disease reported. Fodder sufficient.
BIHÁR. *BHÁGALPUR DIVN.*				
27	Monghyr	„ 21, '92	Nil	Weather—strong east wind during the night; cloudy mornings; cooler by day at the end of the week. Ploughing for *bhadoi* sowings completed. Rain urgently needed for sowings. Advances for buying seed-grain made in Bakhtiarpur. Condition of cattle good. Fodder reported scarce in two thánas; water scarce also.
	Begusarai	...	Nil	
	Jamui	...	Nil	
28	Bhágalpur	„ 21, '92	Nil	Weather—hot with strong easterly wind. Rain much wanted, and sowings generally retarded. Crops already sown not suffering much except on high grounds in the north. Cattle doing fairly well, and fodder sufficient. Locusts reported from Banka. Common rice 11 seers 6 chitaks per rupee.
	Banka	...	Nil	
	Madhipura	...	Nil	
	Supaul *	...	Figures not given.	
29	Purnea	„ 21, '92	0·01	Weather—cloudy; cool in the morning, but warm during the day. Strong east winds. Slight showers at subdivisions. Sowing of *bhadoi* paddy and jute nearly finished. *Aghani* sowings in progress. *Kauni* and *cheena* being harvested; in Araria the outturn is estimated at 16 annas. Sugarcane doing well. Other crops progressing. Fodder and water sufficient. No cattle-disease. Prices of coarse rice :— Srs. Sadar ... ... 11 to 13 } per rupee. Kishanganj ... ... 11 } Araria ... ... 12 to 13 }
	Kishanganj	...	0·21	
	Araria	...	0·12	
30	Malda	„ 21, '92	0·06	Weather—hot; cloudy with high east wind. Latter part of the week cool, and promises rain which is much wanted in thána Kaliachuk. Sowing of *bhadoi* going on. *Boro* paddy is being harvested; average outturn is estimated not less than 12 annas. Yield of mango 8 annas. Supply of fodder ample. Ordinary rice selling at from 11 to 13 seers per rupee. Cow-pox reported from thánas Sadar and Malda.
	Shibganj	...	0·64	
	Gajol	...	0·10	
13	Sonthal Parganas	„ 21, 92	Nil	Weather—sultry with easterly winds; cloudy and threatening, but rain holds off; west wind in Jamtara. Rain urgently wanted. Sugarcane, the only crop on the ground, suffering seriously from drought. Mangoes damaged by violent winds. Cultivation at a standstill for want of rain. Fodder and water-supply failing from same cause. Price of rice ranges from 10 to 13 seers per rupee.
	Deoghur	...	Nil	
	Godda	...	Nil	
	Jamtara	..	Nil	
	Pakaur	...	Nil	
	Rajmahal	...	Nil	

* It rained in the north-west of the subdivision, but quantity not given.

	No.	District and date of return.		Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BIHAR—concld.					
Patna Division.	32	Patna	May 21, '92	Nil	Weather—hot with high east wind prevailing. Prospects of *cheena* and sugarcane continue favourable. Rain wanted for the sowing of *bhadoi* crops. Water and fodder-supply getting scarce in the Barh subdivision. Prices of food-grain still rising. Common rice selling at from 10 to 12 seers per rupee. No distress reported.
	33	Gaya Jahánabad Nawáda Aurangabad	,, 21, '92	Nil Nil Nil Nil	Weather—exceedingly hot and oppressive. Sugarcane doing fairly well. *Cheena* being reaped. Prices stationary, but common rice somewhat cheaper at head-quarters. Supply of fodder and water exceedingly scanty, and rain anxiously looked for.
	34	Shahabad Buxar Bhabhua Sasarám	,, 21, '92	Nil Nil Nil Nil	Weather—cool with strong easterly winds. There are no crops on the ground except sugarcane, millet, and *boro* paddy. The first is withering owing to want of moisture. Millet and *boro* paddy are being cut and yielding well. Fodder and water fairly abundant. Prices stationary.
	35	Darbhanga	,, 21, '92	Nil	Weather—very hot in early part of week, cooler towards the end. High east winds. Paddy, *mung*, *cheena*, and other early crops coming up fairly well in low lands. Rain urgently required for preparation of fields for *bhadoi*. Condition of cattle not bad, but water very scarce and bad.
	36	Muzaffarpur Hajipur Sitamarhi	,, 21, '92	Nil Nil Nil	Weather—close; strong east winds; occasional clouds. Sowing of paddy has commenced on low lands in Sitamarhi; elsewhere want of rain is beginning to cause scarcity of fodder and water. Prices stationary.
	37	Saran	,, 21, '92	Nil	Weather—very hot till the 19th; since then cooler with strong east wind and some clouds. Rain much wanted. Water and fodder sufficient. Prices of common rice:— Srs. Ch. Chapra ... ... 11 8 } Siwán ... ... 11 0 } per rupee. Gopalganj ... ... 12 5 }
	38	Champaran	,, 21, '92	Nil	Weather—hot with east wind and stormy. Fields are being prepared. *Kodo*, *makai*, paddy, &c., are being sown. Standing crops require moisture in soil. Prices stationary. In the interior of the district common rice is sold at 16 seers in Adapur, 14 seers in Hardi and Bagha, 13 seers in Madhuban, 12 seers in Dhaka, and 11 seers in Kessaria. Fodder sufficient. No cattle-disease.
ORISSA.					
Orissa Divn.	39	Cuttack	,, 21, '92	Figures not furnished	Weather—cloudy and hot. A shower of rain accompanied by high wind fell at Sadar station on 14th instant. Rain much wanted in the interior for agricultural operations. Fodder and water-supply scanty in some places. Price of common rice has gone up in the interior, it being 11 to 15 seers 12 chitaks per rupee.
	40	Puri	,, 19, '92	Nil	Weather—seasonable. Rain wanted. Harvesting of *dalua* still continues. Miscellaneous crops good. Rice sells at from 10 to 14 seers per rupee.
	41	Balasore	,, 21, '92	0·03	Weather—hot and dry. Scarcity of water throughout the district. Fodder also becoming scarce. Cultivation either not begun or at a standstill for want of rain. About one-fourth of the sugarcane crop is planted. Rice sells at 12 to 13 seers per rupee.
CHOTA NAGPUR.					
South-West Frontier Agency.					
Chota Nagpur Divn.	42	Hazáribágh Giridi	May 21, '92 ...	Nil Nil	Weather—intensely hot. Mango 4 to 12 annas crop. Rain wanted for sugarcane and ploughing operations. Common rice selling at 12 to 13 seers per rupee. Fodder and water-supply scanty in most places.
	43	Lohardaga	,, 21, '92	Nil	Weather—very hot. Clouds hanging about, but no rain which is badly wanted. Common rice selling at 13 seers per rupee. Fodder and water not sufficient.
	44	Palámau	,, 20, '92	Nil	Weather—extremely hot. Condition of sugarcane promising. Rain urgently wanted. Common rice 12 to 14 seers per rupee. Supply of water and fodder extremely short, and the want of water in some parts is getting serious.
	45	Singhbhum	,, 21, '92	Nil	Weather—intensely hot; cloudy in the afternoon during the last three days. Rain badly wanted. *Boro* paddy and sugarcane doing fairly well. Mango is a poor crop. Price of common rice varies from 20 seers in Dumria police outpost jurisdiction in Dhalbhum pargana to 14 seers per rupee in thánas Chaibassa, Chakradharpur, and Monoharpur. Both water and fodder very scarce.
	46	Manbhum Gobindpur	,, 21, '92 ...	0·34 Nil	A little rain fell yesterday (20th). Only sugarcane on the ground. Prospects so far not good. Price of rice from 13 to 16 seers per rupee. Fodder and water getting very scarce.

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 24*th May*, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the

QUANTITIES PER RUPEE IN

Number.	Division	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Jowar or Cholum (Sorghum Vulgare). Present return.	Jowar or Cholum. Next preceding return.	Jowar or Cholum. Corresponding return of last year.
		BENGAL.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
1	Burdwan Division.	Burdwan ..	11 4	11 8	12 8	No sale.	19 0	40 0	10 14	11 4	15 0	12 12	13 8	17 1	...	...	...
2		Bankura ..	12 4	12 0	15 0	...	16 0	24 0	11 4	12 4	17 8	14 6	14 0	20 0	...	...	...
3		Birbhum ...	10 8	10 8	16 0	...	...	...	11 0	11 0	13 8	12 12	12 12	17 4	...	...	...
4		Midnapore ...	11 0	11 0	13 4	...	...	...	11 0	10 0	14 0	13 8	13 0	18 0	...	...	...
5		Hooghly ...	13 0	13 0	13 0	...	...	...	8 0	8 0	8 0	10 0	11 0	14 0	...	...	...
6		Howrah ...	...	...	...	...	...	...	9 0	9 4	11 0	11 8	11 8	14 8	...	...	...
	Presidency Division.	Calcutta ...	10 15	11 0	12 5	14 7	14 8	20 2	7 13	7 14	9 0	10 7	10 7	13 7	15 3	15 13	20 0
7		24-Parganas ...	11 4	11 4	12 12	16 0	16 0	20 0	8 0	8 0	8 0	12 8	12 0	16 0	...	...	...
8		Nadia ..	11 13½	11 13½	14 14	17 12½	17 12½	22 14	10 0	10 2½	13 5¼	11 8½	11 10	15 4	...	...	...
9		Khulna ...	...	...	...	...	...	...	10 12	10 8	14 0	12 12	12 12	16 0	...	...	...
10		Jessore ..	10 0	10 0	12 0	...	...	...	10 0	10 0	13 0	13 0	13 0	16 0	...	...	...
11		Murshidabad ...	12 0	12 0	12 0	...	...	...	9 0	9 0	11 0	12 0	12 0	14 0	...	...	...
12	Chittagong Division.	Chittagong ...	9 4	9 4	12 8	...	...	...	8 8	8 8	12 8	11 5⅓	10 14	17 2	...	...	...
13		Noakhali ...	...	...	...	...	...	...	11 0	12 0	16 0	12 0	13 0	17 0	...	...	...
14		Tippera ...	14 0	14 0	11 12	...	...	...	8 8	8 8	13 2	11 6	13 14	15 5	...	...	...
15		Chittagong Hill Tracts.	...	...	..	...	...	...	8 2	8 1½	11 6¾	10 0	10 0	15 0	...	...	...
16	Dacca Division.	Dacca ...	11 8	11 0	14 0	...	...	27 0	10 0	10 0	13 0	12 8	13 0	15 0	...	...	...
17		Faridpur ...	14 0	14 0	20 0	40 0	40 0	22 0	11 0	11 0	9 0	13 4	13 4	15 0	...	...	...
18		Backergunge ...	...	...	...	...	...	...	9 12	9 12	13 14	10 4	10 4	16 13	...	...	...
19		Mymensingh ...	9 0	10 0	10 0	...	..	...	11 4	10 0	12 8	13 8	13 12	15 0	...	...	...
20	Rajshahi Division.	Dinajpur ...	10 13	10 13	13 8	16 0	18 0	16 0	9 8	9 8	15 0	11 8	12 0	18 0	...	...	...
21		Rajshahi ...	12 12	12 0	13 8	19 8	19 8	26 4	10 8	9 12	13 8	11 4	10 14	14 4	...	...	...
22		Rangpur ...	10 0	9 1	10 5	...	...	...	9 0	9 1	10 8	11 0	11 5	13 0	...	...	...

A In subdivisions retail prices of salt per rupee are :—Kalna 10 seers, Katwa 12 seers, and Raniganj 10 seers.
B At Vishnupur retail price of salt, 10 seers per rupee.
C At Rampur Hát retail price of salt, 10½ seers per rupee.
D In subdivisions retail prices of salt per rupee are :—Contai 9 seers, Tamluk 10½ seers.
E In subdivisions retail prices of salt per rupee are :—Serampore at (Bhuddeswar 12½ seers and Jahánabad 11 seers 0½ chitak.
F In subdivisions retail prices of salt per rupee are :—Barasat 10 seers 10 chitaks, Basirhat (at Baduria) 11 seers, Diamond Harbour (at Magrahat) 10 seers 10 chitaks, Barrackpore 9 seers 2 chitaks, and Dum-Dum 10 seers.
G In subdivisions retail prices of salt per rupee are :—Kushtia 10½ seers, Ranaghat 10½ seers, and Meherpur 10 seers.
H In subdivisions retail prices of salt per rupee are :—Satkhira 10½ seers and Bágerhat 8 seers.
I In subdivisions retail prices of salt per rupee are :—Jhenidah 10 seers, Magura 10 seers, Narail 9 seers 10 chitaks, and Bangaon 10½ seers.

Head-quarters Station Bazars of the Districts of Bengal on the 15*th May*, 1892.

Indian-corn or Maize. (*Zea Mays.*) Present return.	Indian-corn Next preceding return.	Indian-corn Corresponding return of last year.	Arhar or Thur, Cadjan Pea. (*Cajanus indicus.*) Present return.	Arhar Next preceding return.	Arhar Corresponding return of last year.	Firewood. Present return.	Firewood Next preceding return.	Firewood Corresponding return of last year.	Salt. Present return.	Salt Next preceding return.	Salt Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Wholesale Salt Next preceding return.	Wholesale Salt Corresponding return of last year.	Districts.	Number.	Division
															BENGAL.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
...	...	...	17 0	17 0	18 0	100 0	100 0	100 0	A 11 4	11 7	11 3	3 5 4	3 6 0	3 9 0	Burdwan.	1	Burdwan Division.
19 0	18 0	28 0	14 0	14 0	20 0	220 0	220 0	280 0	B 11 4	11 4	10 4	3 10 0	3 9 6	3 14 0	Bankura.	2	Burdwan Division.
...	...	...	11 4	11 4	12 0	200 0	200 0	160 0	C 10 8	10 8	10 8	3 10 0	3 10 0	3 9 0	Birbhum.	3	Burdwan Division.
...	...	...	10 8	10 0	12 0	120 0	120 0	120 0	D 10 8	10 8	10 10	3 12 0	3 12 0	3 12 0	Midnapore.	4	Burdwan Division.
...	...	...	11 0	11 0	11 0	120 0	120 0	120 0	E 10 0	10 0	10 0	3 12 0	3 12 0	3 9 0	Hooghly.	5	Burdwan Division.
...	...	...	12 4	12 8	12 8	100 0	100 0	100 0	10 8	10 8	10 8	3 6 0	3 6 0	3 8 6	Howrah.	6	Burdwan Division.
15 3	15 12	...	14 12	14 15	15 13	86 0	86 13	90 0	11 3	11 4	10 12	3 4 9	3 4 7	3 6 9	Calcutta.		Presidency Division.
...	...	...	17 8	17 0	16 0	100 0	100 0	100 0	F 11 0	11 0	10 12	3 5 0	3 5 0	3 6 0	24-Parganas.	7	Presidency Division.
...	...	...	17 12½	17 14½	17 12½	...	...	...	G 10 10¼	10 10	9 13	3 8 0	3 10 0	3 12 0	Nadia.	8	Presidency Division.
...	...	...	...	...	...	140 0	140 0	160 0	H 9 0	9 0	9 0	4 0 0	4 0 0	4 0 0	Khulna.	9	Presidency Division.
...	...	...	18 0	18 0	17 0	160 0	160 0	160 0	I 9 2	9 2	9 2	3 10 0	3 10 0	3 14 0	Jessore.	10	Presidency Division.
...	...	...	17 0	17 0	14 0	200 0	200 0	200 0	J 10 8	10 8	11 4	3 12 0	3 12 0	3 8 0	Murshidabad.	11	Presidency Division.
...	...	...	...	...	...	110 0	110 0	110 0	9 0	9 8	10 0	4 6 0	4 0 0	3 12 0	Chittagong.	12	Chittagong Division.
...	...	...	9 0	9 0	8 0	...	...	...	K 8 0	8 0	8 0	4 12 0	4 8 0	4 8 0	Noakhali.	13	Chittagong Division.
...	...	...	8 0	8 0	8 0	...	...	...	L 9 0	9 0	9 11	4 0 0	4 0 0	4 2 0	Tippera.	14	Chittagong Division.
...	...	...	...	...	...	240 0	240 0	320 0	8 0	8 0	8 0	4 12 0	4 12 0	4 8 0	Chittagong Hill Tracts.	15	Chittagong Division.
...	...	...	14 0	14 0	8 0	120 0	120 0	140 0	M 10 0	10 0	10 0	3 8 0	3 8 0	4 0 0	Dacca.	16	Dacca Division.
...	...	...	...	...	...	...	...	120 0	N 10 0	9 12	9 12	3 15 0	3 14 0	4 1 0	Faridpur.	17	Dacca Division.
...	...	...	Khesari, huskod. 12 0	13 0	14 8	80 0	80 0	120 0	O 10 0	10 0	10 10	3 12 0	3 10 0	3 12 0	Backergunge.	18	Dacca Division.
...	...	...	...	12 0	11 4	...	...	...	P 10 0	10 4	9 8	3 15 0	3 14 0	4 2 0	Mymensingh.	19	Dacca Division.
...	...	...	16 0	16 0	15 0	160 0	160 0	160 0	10 4	10 4	10 0	3 12 0	3 14 0	4 0 0	Dinajpur.	20	Rajshahi Division.
...	...	...	20 1	20 6	19 3	240 0	240 0	240 0	Q 9 9	9 9	9 9	3 10 8	3 10 8	4 0 0	Rajshahi.	21	Rajshahi Division.
...	...	...	9 0	9 0	10 10	100 0	100 0	100 0	R 10 0	10 0	9 6	4 0 0	4 0 0	4 4 0	Rangpur.	22	Rajshahi Division.

J In subdivisions retail prices of salt per rupee are :—Lalbagh 11 seers and Kandi 10 seers.
K At Fenny Hát retail price of salt, 8 seers 5 chitaks per rupee.
L In subdivisions retail prices of salt per rupee are :—Brahmanbaria 10½ seers and Chandpur 9 seers.
M In subdivisions retail prices of salt per rupee are :—Manikganj 9 seers, and Naraingan j 10¾ seers.
N In subdivisions retail prices of salt per rupee are :—Goalundo 10 seers and Madaripur 11 seers.
O In subdivisions retail prices of salt per rupee are :—Pirojpur 9 seers, Patuakhali 9 seers, and Bhola 8 seers.
P In subdivisions retail prices of salt per rupee are :—Jamálpur 9¼ seers, Sherepur 8 seers, Tangail 10 seers, Kishoreganj 8 seers, and Netrokona 10 seers.
Q In subdivisions retail prices of salt per rupee are :—Nator 9 seers and Nowgong 9 seers 9 chitaks.
R In subdivisions retail prices of salt per rupee are :—Kurigaon 8 seers, Gaibanda 10 seers, and Nilphamari 9½ seers.

PRICES-CURRENT (*retail*) of *Food-grains, Firewood, and Salt in the Head-quarters*

QUANTITIES PER RUPEE IN

Number.	DISTRICTS.	WHEAT. Present return.	WHEAT. Next preceding return.	WHEAT. Corresponding return of last year.	BARLEY. Present return.	BARLEY. Next preceding return.	BARLEY. Corresponding return of last year.	RICE, BEST SORT. Present return.	RICE, BEST SORT. Next preceding return.	RICE, BEST SORT. Corresponding return of last year.	RICE, COMMON. Present return.	RICE, COMMON. Next preceding return.	RICE, COMMON. Corresponding return of last year.	JOWAR OR CHOLUM. (*Sorghum Vulgare.*) Present return.	JOWAR OR CHOLUM. Next preceding return.	JOWAR OR CHOLUM. Corresponding return of last year.
BENGAL—*continued.*		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
RAJSHAHI DIVISION—*concld.*																
23	Bogra S	12 0	11 4	15 0	...	...	...	9 0	9 12	12 0	13 8	12 12	17 4	...	...	...
24	Pabna	13 8	13 8	16 8	...	...	...	6 12	7 2	7 0	12 12	13 2	14 4	...	...	...
25	Darjeeling	8 0	8 0	9 0	8 0	8 0	10 8	5 0	5 0	5 0	9 0	9 0	13 0	..	...	...
26	Jalpaiguri	10 0	10 0	11 0	15 0	15 0	16 0	7 0	6 12	8 0	10 8	11 0	17 0	...	...	...
BIHÁR. BHAGALPUR DIVISION.																
27	Monghyr	White. 13 6 Red. 14 7	12 9 to 14 2	16 4	18 14	18 6 to 19 15	26 8	9 7	8 14	10 12	11 0	10 8 to 11 5	13 14	No sale	16 9 to 17 13	16 13
28	Bhágalpur	13 10	12 10	16 6	16 6	16 6	25 4	10 1	10 1	13 14	11 6	11 6	15 2	...	..	...
29	Purnea	16 0	16 0	16 0	16 0	16 0	16 0	10 0	10 0	15 0	12 0	12 0	18 0	...	...	...
30	Malda	13 4	13 4	17 4	...	...	...	10 0	10 0	10 0	11 0	11 0	16 0	...	...	...
31	Sonthal Parganas	11 0	11 0	12 0	...	...	...	9 0	10 0	13 0	11 0	12 0	16 0	...	...	...
PATNA DIVISION.																
32	Patna	14 0 13 0	Red. 14 0 White. 13 0	16 0 14 8	20 0	21 0	22 8	9 0	10 8	11 0	12 8	12 8	18 0	20 0	20 8	12
33	Gaya	13 0	13 0	14 0	17 0	18 0	24 0	8 8	9 0	10 8	11 0	10 12	15 0	...	...	...
34	Shahabad	13 8	13 8	15 8	18 0	18 0	20 0	8 0	8 0	9 0	11 0	11 0	14 8	...	...	...
35	Darbhanga	13 3	14 4	16 8	17 9	17 9	26 0	9 14	9 14	12 0	12 1	12 5	15 0	...	...	...
36	Muzaffarpur	12 0	11 0	16 0	17 0	17 0	21 0	10 0	10 0	10 0	11 0	11 0	14 0	...	...	...
37	Saran	13 4	13 8	15 0	19 0	18 8	21 0	8 4	9 0	8 8	11 5	11 14	14 8	...	...	...
38	Champaran	12 8	12 8	16 8	19 0	18 0	20 8	8 0 9 0	8 0 9 0	10 0	12 8 13 0	12 0 12 8	14 8	...	...	...
ORISSA. ORISSA DIVISION.																
39	Cuttack	10 13	10 13	10 8	...	...	...	9 3	9 3	10 8	13 2	13 2	18 6	...	...	...
40	Puri	10 8	10 8	14 7	...	...	...	10 8	10 8	14 7	13 0	13 4	21 0	...	...	...
41	Balasore	11 0	11 0	15 0	10 0	10 0	13 0	11 0	11 0	13 0	14 0	14 0	21 0	...	...	...
CHOTA NAGPUR. CHOTA NAGPUR DIVISION.																
42	Hazáribágh	12 8	12 0	13 0	14 0	14 0	16 0	8 0	8 0	10 0	13 0	13 8	15 0	...	...	...
43	Lohardaga	12 8 8 8 & 10 0 (new)	Red. 12 0 White. 7 4 & 9 0	13 0 7 8	11 8	12 0	...	12 0	12 0	14 0	13 8 15 0	Ordinary. 13 4 Coarse. 15 0	15 8 to 16 0 17 0	...	...	...
44	Palámau	12 6	12 6	14 10	18 9	14 1	18 9	12 6	12 6	11 15	14 1	14 1	14 5	...	...	...
45	Singhbhum	14 0	14 0	16 0	20 0	20 0	19 0	13 0	12 0	12 0	16 0	14 0	14 0	...	...	...
46	Manbhum	11 0	11 8	13 5	20 0	17 0	20 0	12 0	12 0	14 0	20 0	17 0	18 0	...	...	...

S At Sirajganj retail price of salt, 11¼ seers per rupee.
T At Kurseong and Siliguri retail price of salt, 8 seers per rupee.
U At Falakata in Alipur subdivision retail price of salt, 8½ seers per rupee.
V In subdivisions retail prices of salt per rupee are :—Begusarai 9½ seers and Jamui 10 seers.
W In subdivisions retail prices of salt per rupee are :—Banka 10 seers, Madhipura 10 seers, and Supaul 10 seers.
X At Kishanganj retail price of salt, 8 seers per rupee.
Y In subdivisions retail prices of salt per rupee are :—Deoghur 10 seers, Godda 10 seers, Jamtara 10 seers, Rajmahal 11 seers, and Pakaur 10¼ seers.

CALCUTTA,
The 24th May, 1892.

…ets of Bengal on the 15th May, 1892—(concluded).

Bajra or Cumbu. (*Pennisetum typhoideum.*) Present return.	Next preceding return.	Corresponding return of last year.	Marua or Ragi. (*Eleusine Corocana.*) Present return.	Next preceding return.	Corresponding return of last year.	Firewood. Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Next preceding return.	Corresponding return of last year.	Districts.	Number.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
															BENGAL—*continued.*	
															Rajshahi Division—concld.	
...	...	...	...	...	...	90 0	90 0	90 0	9 12	9 12	9 0	3 14 8	3 14 8	4 0 0	Bogra.	23
...	...	...	...	...	...	200 0	200 0	200 0	S 9 12	9 12	8 15	3 12 0	3 12 0	3 14 0	Pabna.	24
...	...	...	10 0	11 12	12 8	120 0	120 0	120 0	T 8 0	8 0	8 0	5 0 0	5 0 0	5 0 0	Darjeeling.	25
...	...	...	...	...	...	160 0	160 0	200 0	U 10 0	10 0	9 0	4 0 0	4 0 0	4 4 0	Jalpaiguri	26
															BIHAR.	
															Bhagalpur Division	
...	...	...	...	...	...	147 0 to 178 8	147 0 to 189 0	170 0	V 10 8 to 10 12	10 8 to 10 12	10 8	3 8 0	3 8 0	3 10 3	Monghyr.	27
...	...	...	...	...	...	164 0	164 0	164 0	W 10 11	10 11	10 1	3 12 0	3 12 0	3 12 0	Bhágalpur.	28
...	...	...	...	...	...	90 0	90 0	115 0	X 9 0	9 0	9 8	4 7 0	4 7 0	4 3 4	Purnea.	29
...	...	...	...	...	...	120 0	120 0	120 0	10 0	10 0	9 8	3 12 0	3 10 0	3 14 0	Malda.	30
...	...	...	...	...	...	200 0	200 0	200 0	Y 10 0	10 0	9 0	3 10 3	3 10 3	4 0 0	Sonthal Parganas.	31
															Patna Division.	
...	...	...	...	...	...	120 0	120 0	130 0	Z 11 8	11 8	10 14	3 8 0	3 8 0	3 10 0	Patna.	32
...	...	...	...	...	...	160 0	160 0	120 0	10 0	10 0	9 12	3 14 0	3 14 0	4 0 0	Gaya.	33
...	...	...	...	...	...	140 0	140 0	160 0	Z1 10 8	10 8	10 8	...		3 12 0	Shahabad.	34
...	...	...	17 9	18 11	25 0	160 0	160 0	160 0	a 11 0	11 0	11 0	3 6 0	3 6 0	3 8 0	Darbhanga.	35
...	...	...	...	...	22 0	160 0	160 0	160 0	b 11 0	11 0	10 0	3 10 0	3 10 0	4 0 0	Muzaffarpur.	36
...	...	...	20 0	20 0	20 0	160 0	160 0	160 0	c 10 8	10 4	10 4	3 12 0	3 13 0	3 14 0	Saran.	37
...	...	...	...	...	23 0	160 0	160 0	160 0	10 8	10 8	10 0	3 12 0	3 12 0	3 11 6	Champaran.	38
															ORISSA.	
															Orissa Division.	
...	...	...	...	...	...	80 0	80 0	80 0	d 11 0	11 0	11 0	3 12 0	3 12 0	3 12 0	Cuttack.	39
...	...	...	...	...	...	80 0	80 0	80 0	12 0	12 0	9 13	3 6 0	3 6 0	3 12 0	Puri.	40
...	...	...	...	...	...	140 0	140 0	160 0	e 10 8	10 8	10 0	3 14 0	3 14 0	3 14 0	Balasore.	41
															CHOTA NAGPUR.	
															Chota Nagpur Division.	
...	...	...	26 0	25 0	27 0	[illegible]40 0	240 0	240 0	f 9 0	9 0	9 0	3 15 0	4 0 0	4 0 0	Hazáribágh.	42
...	...	...	30 0	32 0	35 0	[illegible]60 0	140 0 to 160 0	140 0 to 160 0	9 0	9 12	9 4	4 8 0	4 1 0	4 5 0	Lohardaga.	43
...	...	...	...	...	...	...	...	...	8 1	8 1	8 2	No wholesale.			Palámau.	44
...	...	...	...	...	...	[illegible]60 0	160 0	200 0	9 0	9 0	9 0	4 4 0	4 4 0	4 5 0	Singhbhum.	45
...	...	...	...	...	...	[illegible]00 0	200 0	200 0	g 10 10	10 10	9 14	3 14 0	3 12 0	3 14 0	Manbhum.	46

902*a*

…rupee are :—Barh 11 seers 6 chitaks and Dinapore 10 seers.
…rupee are :—Sasarám 10 seers, Buxar 10½ seers, and Bhabhua 9½ seers.
a Retail price of salt at Samastipur and Madhubani, 10 seers per rupee.
b In subdivisions retail prices of salt per rupee are : –Hajipur 10¼ seers and Sitamarhi 10½ seers.
c In subdivisions retail prices of salt per rupee are :—Siwán 12 seers and Gopalganj 10¼ seers.
d In subdivisions retail prices of salt per rupee are :—Jajpur 9 seers and Kendrapara 9 seers.
e At Bhadrak retail price of salt, 9 seers per rupee.
f At Giridih (Whitty Bazar) retail price of salt, 9¼ seers per rupee.
g At Gobindpur retail price of salt, 10½ seers per rupee.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARTS.	Wheat.			Barley.			Rice, best sort.			Rice, common.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 5 9	3 5 3	2 15 5	2 7 6	2 7 2	1 11 4	4 13 6	4 13 4	4 2 11	3 9 3	3 9 2	2 11 7
2	Sirajganj ...	3 4 0	3 1 0	2 11 6	...	...	...	5 0 0	5 4 0	4 14 0	3 4 0	3 1 0	3 0 0
3	Dacca ...	3 8 0	3 10 0	2 12 0	...	...	1 8 0	4 0 0	4 0 0	2 14 0	3 2 0	3 0 0	2 8 0
4	Narainganj ...	...	...	...	...	...	...	3 0 0	3 4 0	2 8 0	2 10 0	2 12 0	2 4 0
5	Chittagong	4 2 0	4 2 0	3 0 0	...	...	...	4 8 0	4 8 0	3 2 0	3 8 8	3 9 0	2 4 3
6	Patna ...	2 13 3 3 6 0	Red. 2 13 3 White. 3 1 0	2 7 6 2 11 0	2 0 0	1 14 6	1 12 0	4 7 3	3 13 0	3 9 9	3 3 0	3 3 0	2 4 0
7	Balasore ...	3 12 0	3 12 0	2 12 0	3 12	3 12 0	3 0 0	3 8 0	3 8 0	3 0 0	2 14 0	2 14 0	1 12 0
8	Puri ...	3 12 9	3 12 9	...	...	...	...	3 12 9	3 12 9	...	3 1 3	3 0 3	1 14 3
9	Cuttack ...	3 8 0	3 8 0	3 10 0	...	...	...	4 4 0	4 4 0	3 10 0	3 0 0	3 0 0	2 2 0

CALCUTTA,
The 24th May, 1892.

PRICES PER MAUND

Jowar or Cholum. (Sorghum Vulgare.) Present return.	Next preceding return.	Corresponding return of last year.	Bajra or Cumbu. (Pennisetum typhoideum.) Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
2 6 0	2 4 7	1 11 9	2 12 6	2 12 8	2 15 6
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
0 0	1 15 0	3 4 6	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...

...ngal on the 15th *May*, 1892.

...ze. Corresponding return of last year.	Arhar or Thur, Cadjan Pea. (Cajanus indicus.) Present return.	Next preceding return.	Corresponding return of last year.	Firewood. Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Marts.
A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
...	2 7 0	2 6 11	2 4 2	0 6 3	0 6 0	0 5 10	3 4 9	3 4 7	3 6 9	Calcutta.
...	...	...	...	0 6 6	0 7 0	0 7 0	3 7 0	3 9 0	3 12 0	Sirajganj.
...	2 13 0	2 13 0	5 0 0	0 5 0	0 5 0	0 4 0	3 8 0	3 8 0	4 0 0	Dacca.
...	3 8 0	3 8 0	4 8 0	0 8 0	0 8 0	0 8 0	3 8 0	3 8 0	3 8 0	Narainganj.
...	...	...	...	0 5 0	0 5 0	0 5 0	4 6 0	4 0 0	3 12 0	Chittagong.
...	1 13 0	1 15 0	1 15 6	0 5 4	0 5 4	0 5 0	3 8 0	3 8 0	3 10 0	Patna.
...	...	...	...	0 5 0	0 5 0	0 4 6	3 14 0	3 14 0	3 14 0	Balasore.
...	2 15 0	2 12 3	...	0 8 0	0 8 0	...	3 6 0	3 6 0	3 12 0	Puri.
...	2 6 0	2 6 0	2 2 0	0 8 0	0 8 0	0 8 0	3 12 0	3 12 0	3 12 0	Cuttack.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

he following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the Interio during the month of January, 1892.

IMPORTS INTO CALCUTTA.

hence imported.	FOOD-GRAINS.							FIBROUS PRODUCTS.		OILSEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.		TOBACCO.	
	RICE AND PADDY.			Wheat.	Gram and pulses.	Other food-grains.	Total.	Jute, raw.	Gunny-bags.†	Linseed.	Mustard seed.				Refined.	Unrefined.	Unmanufactured.	Manufactured.
	Rice.	Paddy.*	Total (in rice).															
BENGAL.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Md
rdwan	1,84,191	12,632	1,94,086	......	443	......	1,92,520	......	12,285	306	......	......	10	6	......	184	748	1
bhum	1,68,696	......	1,68,696	......	2	......	1,68,698	......	5,880	......	......	......	1	357	......	......	...	
dnapur	4,75,078	19,809	4,87,459	......	2,382	......	4,89,841	300	1,070	5,221	......	......	......	79	......	540	252	......
oghly	1,34,159	32,891	1,54,696	982	1,422	482	1,57,582	32,711	419,195	263	154	......	607	......	192	6,425	6,651	19
Parganas ...	3,92,994	29,598	4,11,490	......	1,248	... ..	4,12,738	45,265	931,915	24	... ..	......	1,289	......	5,499	45,092	2,315	31
dia	12,561	1,001	13,187	5,645	65,745	1,922	86,499	21,036	6,970	4,701	2,725	......	......	403	1,079	2,579	1,246	......
ulna	48,993	5,850	52,649	......	.. ..	380	53,029	791	......	......	......	......	......	......	......	14,250	...	......
sore	80,284	6,904	84,599	.. ...	2,799	.....	87,398	4,830	1,015	176	......	......	......	......	420	14,784	565	......
rshidabad ...	22,739	......	22,739	2,806	6,134	2,517	34,690	28,412	... ..	1,772	......	......	... ..	725	......	......	845	......
ajpur	......	......	......	......	349	......	349	6,364	125,540	... ..	... ..	......	......	......	......	......	...	......
jshahi	667	......	667	......	4,798	......	5,465	17,242	70	973	607	......	......	222	......	......	...	......
ngpur	......	......	......	......	...	... ..	......	74,144	11,025	......	328	......	......	......	......	......	8,009	......
gra	......	......	......	......	142	......	142	2,685	490	......	64	......	......	......	......	......	...	......
bna	2,550	......	2,550	......	1,291	......	3,841	2,27,937	654,150	80	1,910	......	......	......	......	......	...	......
rjeeling	......	......	......	......	41	......	41	119	36,540	......	......	2,280	......	......	......	......	...	......
paiguri	......	......	.. ...	......	......	......	.. ..	31,126	76,475	... ..	.... .	6,571	......	......	......	......	1,399	......
cca	18,451	......	18,451	......	2,479	......	20,930	2,81,691	840	......	124	......	3,544	......	... ..	......	...	......
ridpur	70,540	1,700	71,602	......	3,228	......	74,830	82,439	1,015	39	19,462	......	1,782	5	......	75	...	......
kergunge ...	13,23,901	600	13,24,276	......	......	......	13,24,276	1,900	140	. ..	.. ...	......	......	......	......	100	...	......
mensingh ...	4,657	......	4,657	......	2,751	......	7,408	25,309	......	. ....	3,287	......	......	......	......	......	...	......
pera	31,635	......	31,635	......	......	......	31,635	... .	......	......	......	......	... ..	......	......	198	...	......
ittagong ...	8,748	......	8,748	......	......	......	8,748	14,135	......	.... .	......	1,183	8,500	... ..	......	......	...	......
akhali	11,000	......	11,000	......	......	......	11,0 0	......	......	.. ...	......	......	......	......	......	......	...	......
tal of Bengal ...	29,91,823	1,10,983	30,61,187	9,523	95,558	5,301	31,71,509	8,96,306	2,237,915	13,555	28,601	10,034	15,793	1,797	7,190	84,285	23,030	51
BIHÁR.																		
na	266	......	266	4,503	42,534	10,631	57,994	239	770	11,560	1,366	......	......	......	820	2,962	1,295	1,1
a	20	......	20	6,310	559	.. ...	6,889	......	1,855	2,335	498	......	......	......	......	6,462	...	37
habad	......	......	......	4,924	12,958	55	17,937	......	1,015	6,499	......	......	......	......	......	6,109	..	......
zaffarpur ...	......	......	......	...	......	2,020	2,020	... ..	280	1,788	... .	......	......	......	......	48	132	......
rbhanga ...	......	......	......	2,015	2,097	618	4,731	1,233	105	9,561	3,428	... ..	......	... .	88	145	279	1
an	200	......	200	168	800	14	1,182	.....	......	1,213	450	......	......	......	......	......	69	......
mparan ...	......	......	......	.....	..	644	644	202	875	2,930	295	......	......	......	......	......	...	......
ghyr	200	......	200	24,670	25,419	1,865	52,124	..... .	875	3,042	......	......	......	......	......	......	24	
galpur ...	1,421	......	1,421	11,299	19,999	3,518	36,237	4,591	735	6,293	12,553	... .	......	......	......	31	...	......
rnea	181	......	181	4,406	5,173	79	9,839	6,288	......	1,576	11,208	264	......	......	......	......	...	......
lda	404	......	404	4,160	1,855	481	6,900	1,638	......	1,083	..	......	......	... .	... ..	......	...	......
thal Parganas	22	......	22	3,032	24,471	1,918	29,443	... .	980	2,961	3,636	......	2	103	......	......	...	......
tal of Bihár ...	2,724	......	2,724	65,817	1,35,805	21,783	2,25,949	14,191	7,490	53,865	33,434	264	2	103	908	15,757	1,790	1,5
ORISSA.																		
tack	1,020	......	1,020	......	475	......	1,495	1,138	... ..	......	......	......	......	......	......	......	...	......
asore	73,738	5,518	77,187	......	4,064	... .	81,251	18,[illegible]44	4,600	......	568	...	... ..	......	......	... ..	...	......
al of Orissa ...	74,758	5,518	78,207	......	4,539	......	82,746	19,382	4,600	......	568	.. ...	... ..	......	... ..	......	...	......
OTA NAGPUR.																		
zá ibágh ...	......	......	......	......	......	......	... ..	......	.....	... .	......	2	.....	......	......	......	...	....
gbhum ...	1,908	......	1,008	782	4	......	2,694	......	210	... ..	... ..	......	. ....	......	......	1	...	....
abhum ...	2,290	......	2,290	......	......	... .	2,290	......	315	.. ...	.... .	187	......	2	......	35	...	.....
al of Chota Nagpur.	4,198	......	4,198	782	4	......	4,984	......	525	......	......	189	......	2	......	36	...	.....
nd Total of supplies from the Provinces under the Lieutenant-Governor of Bengal.	30,73,503	1,16,501	31,46,316	75,852	2,35,096	27,084	34,85,248	9,31,879	2,300,530	67,420	62,663	10,487	15,705	1,002	8,098	1,00,018	23,829	2,0
HER PROVINCES.																		
m ...	3,044	......	3,044	......	755	......	3,799	15,091	315	1,370	7,833	95,523	908	193	......	......	...	....
th-Western Provinces and Oudh.	2,182	......	2,182	2,03,310	53,133	2,163	2,60,797	28	2,240	56,862	9,024	508	23,713	4	872	1,293	932	
jab	13	......	13	2,244	2,931	4,238	9,416	......	35	......	......	106	......	......	......	......	...	
tral Provinces	90,472	......	90,472	1,133	6,032	1,118	98,761	......	......	7,014	......	......	25	18	.. ...	......	...	....
putana and ntral India.	......	......	......	... ..	6	9	15	......	......	10,308	......	......	......	......	......	......	...	....
ar	......	......	......	......	......	......	......	......	......	......	......	......	1,249	......	......	......	...	....
bay	......	......	......	......	......	......	......	......	5,200	......	......	......	30,153	......	......	......	4	
ras	......	......	......	......	......	......	......	......	900	......	......	6	487	......	2,792	......	306	1
dicherry ...	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	...	
ma	......	......	......	......	......	......	......	......	4,000	......	......	......	806	......	......	......	...	
er places ...	102	......	102	......	20	18	140	......	72,775	......	... ..	......	......	11	38,250	21,563	14	7
nd Total Imports January. 1892	31,69,316	1,16,501	32,42,129	2,82,554	2,98,873	34,650	35,58,206	9,46,998	2,385,995	1,42,974	79,520	1,06,460	73,136	2,128	49,512	1,22,874	25,085	3,0
1891	27,02,441	1,14,906	28,64,257	1,75,798	2,09,066	21,366	32,70,487	16,57,953	2,124,931	7,29,007	1,15,129	71,432	98,800	2,104	1,11,546	99,672	17,324	2,4

* One maund of paddy is equivalent to 25 seers of rice. | † Exclusive of bags obtained by local manufacture.

The Sea-borne Trade of Calcutta in these Staples during the month of January 1892, was as follows :—

PORTED FROM CALCUTTA—	Rice.	Paddy.	Total (in rice).	Wheat.	Gram and pulses.	Other food-grains.	Total.	Jute, raw.	Gunny-bags.	Linseed.	Mustard seed.	Tea, Indian.	Cotton, raw.	Silk, raw.	Sugar Refined.	Sugar Unrefined.	Tobacco Unmanufactured.	Tobacco Manufactured.
Indian ports, &c.—																		
mbay ...	1,18,165	......	1,18,165	......	.... .	......	1,18,165	......	1,992,150	......	140	4,104	.....	......	576	......	...	
adras	1,03,074	2,001	1,04,700	1,582	37,575	......	1,43,857	......	89,200	......	......	19	......	72	65	......	...	...
ther ports in Madras ...	1,61,060	184	1,61,175	2,457	4,091	5,723	1,73,446	......	422,445	......	......	......	......	7	23	......	...	
rma	......	......	......	2,156	14,607	4,316	21,13[illegible]	60	2,620,450	....	......	103	140	20	3,215	402	4,084	
ther Indian ports	......	......	......	258	2,786	......	3,014	......	309,888	......	......	2	.. ...	......	1,641	2,557	1,247	
ondicherry ...	......	......	......	......	50	......	50	......	85,000	......	......	......	632	......	......	......	...	...
nd	......	......	......	.. ...	......	......	......	......	12,500	......	......	......	......	......	......	......	...	...
al of Inter-portal trade ...	3,82,299	2,785	3,24,040	6,453	59,160	10,039	4,59,701	60	5,531,633	......	140	4,228	772	99	5,520	2,759	5,331	
Foreign ports— United Kingdom	3,29,726	......	3,29,720	98,102	9,042	......	4,36,870	4,33,167	489,100	2,37,178	1,305	84,559	932	418	......	......	...	
ther Foreign ports	8,62,803	1,824	8,63,943	83,470	48,059	10,176	10,05,048	4,57,241	7,653,200	11,714	71	3,401	10,855	357	459	......	196	1,
l of Foreign ade	11,92,529	1,824	11,93,669	1,81,572	57,101	10,176	14,42,518	8,90,408	8,142,300	2,48,892	1,376	87,960	11,787	775	459	......	196	1,
nd Total Exports January. 1892	15,74,828	4,609	15,77,709	1,88,025	1,16,270	20,215	19,02,219	8,90,468	13,673,933	2,48,892	1,516	92,188	12,559	874	5,979	2,759	5,527	2,
1891	19,[illegible],904	5,607	19,75,408	20,608	51,087	23,360	20,71,363	19,24,480	18,568,211	4,55,425	262	3,06,601	35,454	1,412	[illegible]	1,159	3,607	

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of January, 1892.

IMPORTS INTO CALCUTTA.

Specification of Routes.	Food-grains.					Fibrous Products.		Oilseeds.		Tea, Indian.	Cotton, raw.	Silk, raw.	Sugar.		Tobacco.	
	Rice.	Paddy.	Wheat.	Gram and pulses.	Other food-grains.	Jute, raw.	Gunny bags.	Linseed.	Mustard seed.				Refined.	Unrefined.	Unmanufactured.	Manufactured.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
By country boats ...	24,26,970	96,309	21,941	76,757	5,598	1,94,581	1,339,550	15,821	18,180	... .	2,272	46	1,312	28,199	7,884	1,332
" river steamers ...	1,17,499	1,084	....	1,028	...	3,56,753	... ..	3,670	6,403	88,191	1,482	440	704	228	21	.... .
" rail { E. I. Railway	4,25,998	12,564	2,60,565	1,79,623	28,654	34,248	31,920	1,21,638	32,214	1,007	25,907	1,2·5	1,118	17,189	3,080	527
" rail { E. B. S. Railway.	41,905	......	48	37,199	380	2,76,516	892,325	1,821	21,955	15,983	4,732	416	248	15,508	9,548	......
" road	76,457	6,446	......	182	......	53,145	34,925	24	......	......	321	...	5,089	40,187	4,229	248
" sea	80,487	118	.....	4,084	18	31,756	87,275	....	568	1,180	39,302	11	41,042	21,563	320	914
Grand Total of Imports in January ... 1892 ...	31,69,316	1,16,501	2,82,554	2,98,878	34,650	9,46,908	2,385,995	1,42,974	79,520	1,06,460	73,136	2,128	49,512	1,22,874	25,085	3,021
Grand Total of Imports in January ... 1891 ...	27,92,441	1,14,906	1,75,798	2,09,066	21,306	16,54,953	2,124,931	7,29,007	1,15,129	71,432	98,800	2,104	1,11,546	99,672	17,324	2,484

The following Statement shows the Values, Quantities, and Numbers of the Principal Staples of Traffic exported Inland from Calcutta during the month of January, 1892.

EXPORTS FROM CALCUTTA.

Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny bags.
	European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
BENGAL.						
Burdwan ...	2,59,350	123	367	992	24,463	110,860
Birbhum ...	1,52,110	1,476	164	1,002	18,065	86,765
Midnapore ...	2,63,140	...	2,512	......	19,097	33,889
Hooghly ...	1,04,484	5,765	664	176	2,356	19,650
24-Parganas ...	1,43,607	2,586	358	......	9,946	11,694
Nadia ...	3,77,410	......	1,861	......	15,310	60,117
Khulna ...	76,510	......	55	... ..	3,009	1,895
Jessore ...	1,29,863	.....	1,160	......	12,888	5,025
Murshidabad ...	92,020	246	208	5	14,822	10,652
Dinajpur ...	2,08,810	......	258	......	15,474	770
Rajshahi ...	2,61,590	......	92	......	9,517	9,470
Rangpur ...	4,91,490	.....	600	......	15,867	2,905
Bogra ...	2,90,780	... ..	146	......	5,247	24,885
Pabna ...	2 22 970	......	234	21	16,014	1,625
Darjeeling ...	2,29,110	......	449	......	5,932	385
Jalpaiguri ...	1,76,960	......	270	......	11,231	2,625
Dacca ...	8,48,610	......	1,756	......	7,588	46,060
Faridpur ...	1,90,470	......	1,128	......	12,741	41,615
Backergunge ...	2,70,550	......	1,201	......	27,125	15,570
Mymensingh ...	1,56,310	......	9	. ....	8,450	1,540
Tippera ...	... ..	......	......	......	3,075	... ..
Chittagong ...	90,250	......	23	5	...	28,475
Noakhali ...	......	......	......	......	4,250	......
Total of Bengal ...	50,77,994	10,196	13,563	2,201	2,62,467	516,472
BIHÁR.						
Patna ...	3,15,280	1,230	482	843	22,115	72,885
Gaya ...	1,71,010	... ..	12	950	12,261	22,330
Shahabad ...	3,44,960	123	51	1,088	20,435	38,200
Muzaffarpur ...	2,11,750	369	.....	109	9,263	6,535
Darbhanga ...	3,56,580	......	108	915	49,488	37,545
Saran ...	2,81,610	... ..	5	186	18,062	26,180
Champaran ...	5,16,600	... ..	56	182	17,493	12,010
Monghyr ...	1,36,090	246	43	423	17,795	33,175
Bhágalpur ...	3,32,710	246	94	1,231	25,854	36,345
Purnea ...	1,38,530	......	119	817	12,525	11,020
Malda ...	......	.....	......	.... .	8,674	1,500
Sonthal Parganas ...	3,03,100	......	111	743	15,598	34,090
Total of Bihár ...	30,98,220	2,214	1,081	6,987	2,29,501	331,035
ORISSA.						
Cuttack ...	......	......	......	.....	500	16,500
Balasore ...	1,37,050	......	1,314	2,052	23,327	269,413
Total of Orissa ...	1,37,050	......	1,314	2,052	23,827	285,913

Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny bags.
	European.	Indian.	European.	Indian.		
CHOTA NAGPUR.	Rs.	Rs.	Mds.	Mds.	Mds.	No.
Hazáribagh	40,530	......	3	190	5,793	5,320
Singhbhum	24,610	......	6	593	4,086	9,100
Manbhum	1,17,040	......	28	1,494	32,945	6,335
Total of Chota Nagpur ...	1,82,210	.. ...	37	2,277	42,824	20,755
Grand total of supplies into the Provinces under the Lieutenant-Governor of Bengal ...	84,95,474	12,410	15,995	13,517	5,58,619	1,154,775
OTHER PROVINCES.						
Assam	8,40,280	......	1,220	75	24,147	16,385
North-Western Provinces and Oudh	27,60,800	2,829	3,130	345	29,794	396,690
Punjab	6,10,190	......	622	10	......	81,130
Central Provinces	2,01,950	......	249	1,313	......	464,310
Rajputana and Central India	76,930	738	161	13	......	59,500
Berar	980	......	......	.... .	......	38,060
Nizam's Territory	280	......	......	3	......	... ..
Bombay	11,308	123	......	2	......	1,992,150
Madras	27,159	......	45	533	......	511,645
Pondicherry	... .	......	......	......	......	85,000
Burma	1,87,342	......	931	730	......	2,620,450
Sind	.. ..	... .	......	......	......	12,500
Other places	36,426	1,880	20	12	......	8,143,300
Grand Total of Exports in January 1892 ...	1,32,49,119	17,980	22,373	16,553	6,12,550	15,575,195
Grand Total of Exports in January 1891 ...	97,95,060	54,330	17,647	17,514	6,27,182	18,331,325

The Sea-borne Trade of Calcutta in these Staples during the month of January, 1892, was as follows:—

Imported into Calcutta—	Rs.*	Rs.	Mds.	Mds.	Mds.	No.
From Foreign Ports—						
United Kingdom	87,16,324	......	10,630	......	4,32,582	......
Other Foreign ports ...	13,737	......	619	......	1,68 980	72,775
Total of Foreign Trade ...	87,30,061	......	11,249	......	6,01,562	72,775
From Indian Ports—						
Bombay	31,085	80,098	136	12,336	42,718	5,200
Madras	1,519	25,903	729	343	... ..	900
Other ports in Madras ..	......	... .	......	......	2,100	......
Burma	6,949	400	... ..	104	......	4,000
Other Indian ports ...	450	. ....	... ..	15	......	4,400
Total of Interportal Trade ...	40,003	1,06,401	865	12,798	44,818	14,500
Grand Total of Imports in January 1892 .	87,70,064	1,06,401	12,114	12,798	6,46,380	87,275
Grand Total of Imports in January 1891 ...	1,03,07,592	66,293	14,726	10,943	7,58,015	13,060

* As per tariff declaration value.

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Calcutta during the month of January, 1892.

Specification of Routes.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny bags.
	European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
By country boats	1,59,858	5,400	1,280	......	1,62,910	89,505
" river steamers	8,32,870	......	3,457	96	27,604	75,312
" rail { East Indian Railway	73,79,120	7,995	5,550	12,971	3,15,735	1,532,490
" rail { Eastern Bengal State Railway	41,89,080	.....	9,103	......	80,136	177,310
" road	1,98,926	2,705	650	154	4,070	6,615
" sea	4,89,265	1,880	2,533	3,332	22,077	13,673,333
Grand Total of Exports in January ... 1892 ...	1,32,49,119	17,980	22,373	16,553	6,12,550	15,575,195
Grand Total of Exports in January ... 1891 ...	97,95,060	54,330	17,647	17,514	6,27,182	18,331,325

STATISTICAL DEPARTMENT,
The 20th May, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS. Air pressure. Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Wind. Prevailing direction.	Mean wind velocity.	Temperature. Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Puri	Puri	29·688	29·637	—	SW	429	94·2	21st May	81·6	15th May	90·6	82·2	86·4	—	84·5
		Gopalpore	29·686	29·627	—·023	SSW	559	95·7	15th "	79·8	15th "	91·0	81·0	86·0	+1·3	84·0
		False Point	29·693	29·655	—·025	S	425	92·9	17th "	81·2	15th "	92·2	82·9*	87·6*	+2·4*	86·9
	Cuttack	Cuttack	29·609	29·631	—·031	S & SSW	169	106·4	15th "	71·8	15th "	101·8	81·1	91·4	+0·9	87·9
	Balasore	Balasore	29·614	29·615	—·050	SSW	344	100·5	16,17,20 "	80·6	15th "	99·5	82·5	91·0	+4·1	88·0
South-West Bengal.	South-West Midnapore, South 24-Parganas	Saugor Island	29·669	29·638	—·042	S	559	93·7	16,20,21 "	84·0	15th "	93·4	84·8	89·1	+2·6	87·4
	Midnapore	Midnapore	29·523	29·616	—·047	S	319	103·4	16 & 17 "	72·2	15th "	102·0	80·2	91·1	+1·7	87·4
	24-Parganas, Howrah, Hooghly	Calcutta	29·659	29·625	—·049	SSW	210	96·6	18th "	81·2	15,17,18 "	95·5	81·9	88·7	+2·8	87·0
	Burdwan	Burdwan	29·576	29·620	—·051	S & SW	252	105·2	18th "	78·4	21st "	103·6	82·3	92·9	+5·3	86·4
	Bankura	Bankura	29·325	29·567	—·067	S	160	109·1	18th "	79·5	15th "	107·0	82·0	94·5	?	86·3
	Birbhum, West Burdwan	Raniganj†	29·3[illegible]9	29·599	—·071	SWly	89	111·5	18, 19 "	72·4	21st "	108·6	80·5	94·6	+4·2	84·3
	Murshidabad	Berhampore	29·590	29·605	—·069	S	149	102·7	19th "	72·8	15th "	100·2	78·9	89·5	+3·0	82·8
	Nadia	Krishnagar	29·621	29·615	—·052	SSE	205	99·7	16,18,19 "	75·2	21st "	98·9	79·6	89·3	+2·4	85·8
	Jessore, Khulna	Jessore	29·651	29·631	—·056	SSE	155	96·2	18, 20 "	68·0	15th "	95·6	78·2	86·9	+0·8	84·8
East Bengal.	Chittagong	Chittagong	29·681	29·714	—·015	SSE		89·7	18,19,20 "	77·1	15th "	89·1	78·8	84·0	+1·7	83·8
	Chittagong Hill Tracts	Domagiri						Observations not received.								
	Backergunge	Barisal	29·711	29·667	—·018	SSE	140	93·3	18th May	75·9	15th May	92·0	79·3	85·7	+1·8	85·4
	Noakhali	Noakhali	29·707?	29·696?	+·015?	S & SE	151	90·5	20th "	75·3	15th "	89·6	80·3	85·0	+0·8	85·4
	Faridpur	Faridpur	29·670	29·664	—·042	S	192	93·5	16, 17 "	72·9	15th "	92·0	77·7	84·9	+1·5	83·7
	Dacca	Dacca	29·691	29·661	—·039	SEly	238	92·6	16,18,19 "	73·7	15th "	91·5	78·9	85·2	+1·1	84·1
	Tippera	Comilla	29·705	29·688	—·019	SE	94	96·8	18th "	72·3	15th "	91·6	78·9	85·3	+2·3	83·6
	Mymensingh	Mymensingh	29·674	29·688	—·038	ESE	168	90·7	18th "	72·1	16th "	88·1	75·3	81·7	+0·9	80·1
North Bengal.	Bogra	Bogra	29·633	29·646	—·025	E	?	98·3	15th "	72·2	15 & 21 "	92·2	74·8	83·6	—0·5	79·7
	Pabna	Sirajganj	29·657	29·653	—·039	SSE	87	92·6	16th "	71·2	15th "	89·5	76·1	82·8	—0·1	81·6
	Rajshahi	Rampur Boalia.	29·596	29·615	—·059	S	199	95·8	16, 18 "	72·7	15 & 19 "	90·0	76·4	83·3	—2·5	83·3
	Malda	Malda	29·586	29·618	—	S	100	101·7	17th "	74·5	15th "	96·4	77·8	87·1	—	82·3
	Dinajpur	Dinajpur	29·574	29·643	—·060	E	69	92·1	17th "	69·7	21st "	86·9	74·3	80·6	—2·4	76·8
	Rangpur	Rangpur	29·602	29·680	—·021	E	63	88·3	16th "	66·2	20th "	85·2	72·6	78·9	—1·4	75·5
	Jalpaiguri, Kuch Bihar	Jalpaiguri	29·434	29·674	—·036	NE	135	85·9	16th "	71·1	20th "	81·7	72·1	76·9	—2·5	74·7
	Darjeeling Hill Tracts	Darjeeling	22·902	—	?	WSW	223	66·1	19th "	52·1	15th "	62·6	54·7	58·7	+1·2	57·5
North Bihar.	Purnea, North Bhágalpur	Purnea	29·564	29·643	—·034	ENE	107	96·2	17th "	72·2	15th "	91·6	75·2	83·4	—1·0	80·2
	Muzaffarpur	Muzaffarpur	29·458	29·587	—	ESE	247	105·7	17th "	73·2	20th "	101·1	78·8	90·0	—	83·5
	Darbhanga	Darbhanga	29·500	29·618	—·051	ENE	242	105·5	17th "	74·5	20, 21 "	98·7	76·4	87·6	+1·5	83·5
	Champaran	Motihari	29·407	29·586	—·068	E	245	105·2	17 & 18 "	76·9	15th "	101·6	78·9	90·3	+5·0	84·3
	Saran	Chapra	29·439	29·571	—·064	ENE	134	110·2	18th "	77·0	21st "	105·1	81·0	93·1	+5·2	85·8
South Bihar.	Shahabad	Dehri*	29·250	29·545	—·075	Variable	203	112·5	19 & 20 "	82·5	20 & 21 "	110·5†	84·1†	97·5†	+6·5†	90·7
		Buxar	29·376	29·566	—·065	E	152	109·9	18, 19 "	77·7	21st "	107·3	81·3	94·3	+4·0	88·7
		Arrah	29·421	29·560	—·063	E	120	111·4	19th "	78·5	21st "	106·9	80·8	93·9	+3·9	86·3
	Gaya	Gaya	29·229	29·548	—·084	Variable	184	114·1	20th "	79·8	21st "	110·4	83·2	96·9	+5·2	91·8
	Patna	Bankipore	29·438	29·570	—·080	E	186	109·6	18th "	77·2	21st "	105·4	79·1	92·3	+3·2	85·8
	South Bhágalpur, Monghyr	Bhágalpur	29·471	29·583	—·059	Variable	170	107·3	17th "	75·0	15th "	100·6	77·7	89·2	+2·8	84·9
	Sonthal Parganas	Dumka	29·140	29·577	—·051	SEly	234	111·2	19th "	79·2	15th "	106·6	82·1	94·4	+5·6	86·8
Chota Nagpur.	Hazáribágh	Hazáribágh	27·660	29·546	—·054	SSW	246	109·1	20th "	80·8	15th "	106·4	83·4	94·4	+7·7	92·7
	Lohardaga, Palámau, Manbhum	Ranchi	27·564	29·555	—·041	SW	150	107·5	21st "	78·4	15th "	104·7	81·3	93·1	+0·8	92·3
	Singhbhum	Chaibassa	28·887	29·570	—·048	SWly	59	112·8	21st "	82·2	15th "	110·7	84·5	97·6	+6·1	90·1
Assam.	Sibsagar	Sibsagar	29·438	29·730	—·034	NE		84·6	15th "	70·4	19th "	80·0	71·9	76·0	—3·6	73·7
	Goalpara	Dhubri	29·633	29·704	—·015	Variable	253	84·2	16th "	69·8	21st "	79·1	71·5	75·4	—4·7	72·8
	Cachar	Silchar	29·669	29·725	—·016	Calm		91·5	18,19,20 "	70·8	15th "	88·4	75·1	81·8	+0·8	80·1

* Mean of 5 days. | † Mean of 6 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last [illegible]

The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 21st of May 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	DISTRICT OBSERVATIONS. Of week. Mean for district.	Of week. Normal mean.	Rainfall. Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 16th May 1892. Mean for district.	Since 16th May 1892. Normal mean.	Since 16th May 1892. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
88	6·5	Nil	Nil	0·86	Nil	2·33	—2·33	Nil	0·92	—0·92	0·00	1·07	Puri ...	Puri	Orissa.
88	1·1	Nil											Gopalpore ...		
81	6·7	Nil											False Point ...		
71	7·6	1·38	0·24	0·91	0·38	2·55	—2·17	Nil	1·02	—1·02	0·20	1·31	Cuttack ...	Cuttack	
70	2·0	0·03	0·06	1·20	0·42	3·62	—3·20	Nil	1·34	—1·34	0·33	1·37	Balasore ...	Balasore ...	
79	6·4	Nil	Nil	0·93	1·26	3·45	—2·19	Nil	1·04	—1·04	0·00	1·36	Saugor Island ...	South-West Midnapore South 24-Parganas ...	South-West Bengal.
71	1·1	0·63	0·15	0·78	1·84	3·49	—1·65	0·01	0·86	—0·85	0·33	1·34	Midnapore ...	Midnapore	
75	6·4	Nil	0·01	0·94	0·80	3·78	—2·98	Nil	1·06	—1·06	0·00	1·66	Calcutta ...	24-Parganas ... Howrah ... ... Hooghly	
71	2·9	0·34	0·62	0·94	1·79	3·38	—1·59	0·59	1·09	—0·50	1·33	1·57	Burdwan ...	Burdwan	
74	2·3	Nil	0·27	0·64	0·63	2·45	—1·82	0·27	0·79	—0·52	0·50	1·38	Bankura ...	Bankura	
72	0·8	0·31	0·12	0·74	0·88	2·30	—1·42	0·12	0·85	—0·73	0·25	1·37	Raniganj ...	Birbhum ... ... West Burdwan ...	
89	7·6	1·35	1·69	1·17	2·32	3·15	—0·83	1·07	1·26	—0·19	2·50	1·66	Berhampore ...	Murshidabad ...	
78	5·9	0·30	0·80	1·60	3·50	4·10	—0·60	0·40	1·73	—1·33	2·00	1·98	Krishnagar ...	Nadia	
87	8·7	2·06	0·46	1·57	3·50	4·69	—1·19	0·03	1·68	—1·65	0·63	2·12	Jessore ...	Jessore ... ... Khulna	
85	8·1	Nil	Nil	2·32	9·20	7·16	+2·04	Nil	2·77	—2·77	0·00	2·30	Chittagong ...	Chittagong	East Bengal.
			Nil	2·19	9·39	7·31	+2·08	Nil	2·40	—2·40	0·00	2·55	Demagiri ...	Chittagong Hill Tracts	
82	9·3	0·16	0·25	1·97	4·10	5·63	—1·53	Nil	2·13	—2·13	1·00	2·24	Barisál ...	Backergunge	
84	2·4	Nil		2·28		7·40			2·56			2·62	Noakhali ...	Noakhali	
87	5·7	1·16	0·66	2·22	4·02	6·47	—2·45	0·59	2·33	—1·74	1·00	2·47	Faridpur ...	Faridpur	
86	9·9	0·75	0·56	1·81	3·23	6·08	—2·85	0·24	1·93	—1·69	1·50	2·20	Dacca ...	Dacca	
86	2·7	0·84		1·62		7·22			1·90			2·44	Comilla ...	Tippera	
89	6·4	2·40	1·72	2·40	7·09	7·25	—0·16	1·47	2·54	—0·17	2·20	2·46	Mymensingh ...	Mymensingh	
90	10·0	1·23	0·99	1·97	2·60	5·20	—2·60	0·98	2·09	—1·11	3·25	2·22	Bogra ...	Bogra	North Bengal.
87	9·3	1·01	1·65	1·92	3·76	5·26	—1·50	1·20	2·16	—0·96	3·50*	2·18	Sirajganj ...	Pabna	
84	4·6	0·76	1·54	1·48	2·69	3·98	—1·29	1·49	1·60	—0·11	2·67	1·82	Rampur Boalia ...	Rajshahi	
86	6·6	0·06	0·04	1·18	0·37	3·05	—2·68	0·02	1·26	—1·24	0·00	1·26	Malda ...	Malda	
92	9·1	1·78	0·55	1·45	2·40	3·44	—1·04	0·55	1·50	—0·95	1·00	1·43	Dinajpur ...	Dinajpur	
92	4·3	5·45	4·77	3·24	12·46	7·63	+4·83	4·75	3·49	+1·26	2·50	2·84	Rangpur ...	Rangpur	
95	6·7	15·37	13·78	4·19	23·63	9·10	+14·53	12·42	4·45	+7·97	7·00	3·54	Jalpaiguri ...	Jalpaiguri ... ... Kuch Bihar	
99	9·3	6·14	7·87	2·83	12·14	7·33	+4·81	7·56	3·13	+4·43	6·00	3·15	Darjeeling ...	Darjeeling Hill Tracts	
83	7·4	0·01		1·02		3·02			1·04			1·20	Purnea ...	Purnea ... ... North Bhágalpur ...	North Bihár.
77	2·6	Nil	Nil	0·44	0·18	1·65	—1·47	Nil	0·47	—0·47	0·00	0·82	Muzaffarpur ...	Muzaffarpur	
75	1·6	Nil	Nil	0·44	0·01	1·72	—1·71	Nil	0·44	—0·44	0·00	0·69	Darbhanga ...	Darbhanga	
68	0·9	Nil	Nil	0·60	0·12	1·99	—1·87	Nil	0·66	—0·66	0·00	0·81	Motihari ...	Champaran	
71	0·6	Nil	0·08	0·38	0·08	1·10	—1·02	0·08	0·39	—0·31	0·33	0·55	Chapra ...	Saran	
36	0·5*	Nil											Dehri ...	Shahabad	South Bihár.
53	0·4	Nil	0·07	0·19	0·07	0·69	—0·62	0·07	0·21	—0·14	0·20	0·45	Buxar ...		
71	2·7	Nil											Arrah ...		
60	2·7	Nil	Nil	0·74	Nil	1·21	—1·21	Nil	0·76	—0·76	0·00	0·59	Gaya ...	Gaya	
84	1·1	Nil	Nil	0·59	Nil	1·29	—1·29	Nil	0·62	—0·62	0·00	0·71	Bankipore ...	Patna	
72	2·9	Nil	Nil	0·56	0·06	1·53	—1·47	Nil	0·64	—0·64	0·00	0·72	Bhágalpur ...	South Bhágalpur ... Monghyr	
71	0·7	Nil	0·08	0·79	0·37	2·33	—1·96	0·08	0·89	—0·81	0·17	1·11	Dumka ...	Sonthal Parganas ...	
23	1·4	Nil	Nil	0·75	0·04	1·59	—1·55	Nil	0·81	—0·81	0·00	1·12	Hazáribágh ...	Hazáribágh	Chota Nagpur.
34	0·7	Nil	Nil	0·78	Nil	1·77	—1·77	Nil	0·85	—0·85	0·00	1·09	Ranchi ...	Lohardaga	
			Nil	0·37	Nil	0·77	—0·77	Nil	0·42	—0·42	0·00	0·58		Palámau	
			0·20	0·60	0·54	2·01	—1·47	0·20	0·73	—0·53	0·50	0·95		Manbhum	
57	1·4	Nil	Nil	1·07	Nil	2·97	—2·97	Nil	1·30	—1·30	0·00	1·16	Chaibassa ...	Singbhum	
97	10·0	6·98											Sibsagar	Assam	Assam.
95	9·4	11·53											Dhubri		
88	8·0	2·47											Silchar		

ten years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean
pastten years. The means of the district are the numerical average of the rainfall returned received in the district, i.e. from total rainfall at the subdivisions

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 21st of May 1892.

Meteorological division.	District.	Station.	Rainfall. Sunday, 15th May.	Monday, 16th May.	Tuesday, 17th May.	Wednesday 18th May.	Thursday, 19th May.	Friday, 20th May.	Saturday, 21st May.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th May 1892.	Average rainfall from 16th May to date.
ORISSA ...	Puri ..	Puri ...	...	...	...	...	...	...	...	Nil	Nil	0·64	Nil	2·07	Nil	0·68
		Khurda ...	...	...	...	...	...	...	...	Nil	Nil	0·90	Nil	2·61	Nil	1·06
		Raupur ...	...	...	...	...	...	...	...	Nil	Nil	0·43	Nil	1·50	Nil	0·45
		False Point ...	...	...	...	...	...	...	...	Nil	Nil	1·46	Nil	3·13	Nil	1·50
		..op ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Satpara ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Pipli .	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
	Cuttack	Jagatsingpore	...	...	...	...	...	...	...	Nil	Nil	0·74	Nil	2·33	Nil	0·77
		Banki .	...	...	...	...	...	...	...	Nil	Nil	0·31	Nil	1·18	Nil	0·47
		Cuttack ...	1·18	...	...	...	...	...	0·36	2	1·54	1·02	1·54	2·66	0·36	1·23
		Kendrapara ...	...	...	...	...	...	...	...	Nil	Nil	1·08	Nil	3·23	Nil	1·12
		Jajpur ...	...	...	...	...	...	...	...	Nil	Nil	1·38	0·72	3·46	Nil	1·50
		Dharmsala ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Salipore .	...	...	...	...	...	...	...	Nil	Nil	?	0·07	?	Nil	?
	Balasore	*Akhyapada* ...	...	...	...	...	...	...	...	Nil	Nil	?	1·38	?	Nil	?
		Chandbali ...	...	...	...	...	...	...	...	Nil	Nil	1·49	Nil	4·24	Nil	1·65
		Bhadrak ...	0·12	...	...	...	...	...	...	1	0·12	1·38	0·80	4·11	Nil	1·61
		Sorah ...	0·22	...	...	...	...	...	...	1	0·22	1·48	0·42	3·85	Nil	1·67
		Balasore ..	...	...	...	...	...	...	...	Nil	Nil	1·12	Nil	3·49	Nil	1·33
		Jellasore ..	...	...	...	...	...	...	...	Nil	Nil	0·81	0·08	2·61	Nil	0·87
		Baripodah ..	...	...	...	...	...	...	...	Nil	Nil	0·89	1·42	3·42	Nil	0·93
SOUTH-WEST BENGAL.	Midnapore	Contai	...	...	...	...	...	...	...	Nil	Nil	0·88	0·22	3·26	Nil	0·93
		Saugor Island	...	...	...	...	...	...	...	Nil	Nil	1·19	Nil	3·49	Nil	1·32
		Tamluk .	...	...	...	...	...	...	...	Nil	Nil	1·12	0·92	3·72	Nil	1·16
		Midnapore ...	0·42	...	...	...	...	...	0·04	1	0·46	0·75	1·27	3·36	0·04	0·80
		Ghatál ...	...	...	...	...	...	...	...	Nil	Nil	0·46	3·35	3·39	Nil	0·52
		Kukrahaty ...	...	...	...	...	...	...	...	Nil	Nil	?	2·19	?	Nil	?
		Garhbeta ...	...	...	...	...	...	...	...	Nil	Nil	?	0·95	?	Nil	?
	24-Parganas ...	Diamond Harbour	...	...	...	...	...	...	...	Nil	Nil	0·73	3·55	3·02	Nil	0·86
		Canning Town	...	...	...	...	...	...	...	Nil	Nil	?	1·20	?	Nil	?
		Alipore Jail ..	...	...	...	...	...	...	...	Nil	Nil	0·99	0·30	3·75	Nil	1·08
		Barrackpore ...	...	...	...	...	...	...	...	Nil	Nil	0·89	0·05	3·43	Nil	0·96
		Dum-Dum ...	...	...	...	...	...	...	...	Nil	Nil	1·16	1·09	3·80	Nil	1·28
		Barasat ..	...	...	...	...	...	...	...	Nil	Nil	0·90	1·50	3·87	Nil	0·94
		Basirhat ...	...	...	...	...	...	...	...	Nil	Nil	1·24	0·55	4·34	Nil	1·35
	Howrah ...	Howrah ..	...	...	...	...	...	...	...	Nil	Nil	0·85	0·52	3·63	Nil	0·96
		Mohesrekha ...	...	...	...	...	...	...	...	Nil	Nil	0·62	0·32	4·39	Nil	0·71
		Uluberia ...	...	...	...	...	...	...	...	Nil	Nil	?	0·41	?	Nil	?
	Hooghly ..	Serampore ...	0·07	...	...	...	...	...	...	Nil	0·07	0·82	0·42	3·21	Nil	0·90
		Hooghly ...	...	...	...	...	...	...	...	Nil	Nil	1·04	1·07	3·85	Nil	1·27
		Jahánabad ...	...	...	...	...	...	...	...	Nil	Nil	0·89	1·50	3·58	Nil	1·14
	Burdwan ...	Kalna ...	...	...	...	...	...	...	0·92	1	0·92	1·05	2·26	3·62	0·92	1·15
		Burdwan ...	...	...	...	...	...	...	0·34	1	0·34	1·00	1·32	3·32	0·34	1·18
		Katwa ..	0·11	...	...	...	...	0·45	0·05	2	0·61	0·77	1·81	3·30	0·50	0·95
		Raniganj ...	...	...	...	...	...	...	0·31	1	0·31	0·62	0·38	2·03	0·31	0·81
		Mankur ...	...	...	...	...	...	...	0·62	1	0·62	?	2·59	?	0·62	?
	Bankura ...	Bankura ...	...	...	...	...	...	...	...	Nil	Nil	0·76	1·45	2·47	Nil	0·98
		Bishenpore ..	...	...	...	...	...	...	0·51	1	0·51	0·80	0·51	3·30	0·51	0·99
		Maliara ..	...	...	...	...	...	...	...	Nil	Nil	0·50	Nil	1·79	Nil	0·66
		Khatra ...	...	...	...	...	...	...	0·55	1	0·55	0·48	0·55	2·19	0·55	0·52
		Indas ...	...	...	...	...	...	...	0·39	1	0·39	?	1·46	?	0·39	?
		Kotalpore ...	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Anda .	...	...	...	...	...	...	0·45	1	0·45	?	0·45	?	0·45	?
		Gangajalghati	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	Nil	?
		Raipore ...	0·41	...	...	...	...	...	...	1	0·41	?	0·89	?	Nil	?
		Sonamukhi ..	...	...	...	...	...	...	...	Nil	Nil	?	0·70	?	Nil	?
	Birbhum ...	Bh. Suri ..	...	...	...	...	...	...	...	Nil	Nil	0·87	0·27	2·51	Nil	0·93
		Hetampore ..	...	...	...	...	0·03	0·05	...	Nil	0·08	0·78	0·88	2·11	0·08	0·80
		Rampur Hat...	...	...	...	...	...	0·08	...	Nil	0·08	0·70	1·95	2·55	0·08	0·86
		Kolpore ..	...	...	...	...	...	...	0·27	1	0·27	?	1·18	?	0·27	?
		Murarai ...	0·05	...	...	...	...	...	0·65	1	0·70	?	1·94	?	0·65	?
	Nadia ..	Ranaghat ..	...	...	...	...	...	...	0·32	1	0·32	1·13	3·09	3·41	0·32	1·20
		Krishnagar ...	0·13	...	...	...	...	0·01	0·16	2	0·30	1·09	2·02	3·95	0·17	1·26
		Chuadanga .	0·76	...	...	...	...	...	0·15	2	0·91	2·21	5·79	5·14	0·15	2·46
		Meherpore ..	...	...	...	...	...	...	0·36	1	0·36	1·60	1·56	3·32	0·36	1·65
		Kushtia .	1·14	...	0·21	...	0·21	0·03	0·53	4	2·12	1·59	5·05	4·70	0·98	2·09
	Khulna ...	Satkhira .	0·22	...	...	...	...	...	0·05	1	0·27	1·34	3·24	4·11	0·05	1·40
		Bagerhat ...	...	...	...	...	...	...	...	Nil	Nil	1·42	4·09	4·07	Nil	1·66
		Khulna ...	...	...	...	...	...	...	0·03	Nil	0·03	1·60	2·46	4·71	0·03	1·71
		Nakipur ...	...	...	...	...	...	...	...	Nil	Nil	?	1·34	?	Nil	?
		Rampal ..	...	...	...	...	...	...	...	Nil	Nil	?	1·52	?	Nil	?
	Jessore ...	Narail ..	0·09	...	...	...	...	...	...	Nil	0·09	1·57	2·73	4·99	Nil	1·65
		Jessore ...	1·96	...	...	...	...	...	0·10	2	2·06	1·90	4·38	5·15	0·10	2·00
		Jhenidah ...	0·19	...	...	...	...	...	0·01	1	0·20	1·63	5·28	4·53	0·01	1·75
		Magura ...	0·96	...	...	...	...	...	0·03	1	0·99	1·98	2·75	5·64	0·03	2·08
		Bangaon ..	...	...	...	...	...	...	0·05	Nil	0·05	1·08	3·10	3·68	0·05	1·19
	Murshidabad	Kandi ...	...	...	...	...	...	0·45	0·20	2	0·65	1·08	2·80	3·28	0·65	1·22
		Berhampore ...	0·25	...	...	...	...	0·27	0·83	3	1·35	1·19	2·26	3·60	1·10	1·29
		Lalbagh ...	0·91	...	...	...	0·06	0·86	...	2	1·83	1·09	2·46	2·95	0·92	1·16
		Azimgunge ...	0·30	...	...	...	0·74	1·52	...	3	2·56	0·93	2·78	2·80	2·26	1·05
		Jangipur ...	0·90	...	...	...	0·10	0·38	...	3	1·38	1·14	1·45	2·73	0·48	1·17
		Lalgola ...	1·35	...	...	...	...	1·00	...	2	2·35	1·59	2·60	3·61	1·00	1·69
		Akhriganj ...	0·09	...	...	...	0·25	1·36	...	2	1·70	?	2·46	?	1·61	?
		Patkabari ...	0·30	...	...	...	...	...	0·40	2	0·70	?	2·20	?	0·40	?
EAST BENGAL	Chittagong ...	Cox's Bazar ...	...	...	...	...	...	...	...	Nil	Nil	2·31	7·65	7·87	Nil	3·02
		Chittagong ...	...	...	...	...	...	...	...	Nil	Nil	2·32		6·44		2·52
		Kutubdia ...	...	...	...	...	...	...	...	Nil	Nil	?		?		?
		Satkanya ...	...	...	...	...	...	...	...	Nil	Nil	?		?		?
	Chittagong Hill Tracts.	Rangamati ...	...	...	...	...	...	...	...	Nil	Nil	2·19	9·39	7·31	Nil	2·40
		Bundarban ...	...	...	...	...	...	...	...	Nil	Nil	?		?		?
	Backergunge	Patuakhali ...	0·23	...	...	...	...	...	...	1	0·23	2·24	8·11	5·87	Nil	2·42
		Pirojpur .	0·32	...	...	...	...	...	...	1	0·32	1·87	3·83	5·53	Nil	1·95
		Barisal ..	0·11	...	...	...	...	...	...	1	0·11	1·93	5·01	6·13	Nil	2·04
		Gournaddi ...	0·04	...	...	...	...	...	...	Nil	0·04	?	6·93	?	Nil	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 21st of May 1892—contd.

Meteorological division.	District.	Station.	Rainfall. Sunday, 15th May.	Monday, 16th May.	Tuesday, 17th May.	Wednesday, 18th May.	Thursday, 19th May.	Friday, 20th May.	Saturday, 21st May.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
EAST BENGAL —concld.		Bhola ...	0·34	......	......	......	......	......	......	1	0·34	1·84	4·93	5·19	Nil	2·10
		Daulatkhan ...	0·09	......	......	......	......	......	......	Nil	0·09	?	?	?	Nil	?
		Bauphal ...	0·16	......	1·82	......	......	......	......	2	1·98	?	6·72	?	1·82	?
	Noakhali ...	Noakhali ...										2·37		7·34		2·56
		Fenny ...	......	......	......	......	......	0·25	......	1	0·25	2·18	5·80	7·97	0·25	2·55
		Harishpore ...	0·08									?		?		?
		Ramganj ...										?		?		?
	Faridpur ...	Madaripur ...	0·19	......	......	......	......	......	......	1	1·19	2·27	5·01	6·94	Nil	2·46
		Faridpur ...	......	......	1·25	......	......	......	......	1	1·25	2·31	4·07	6·56	1·25	2·42
		Goalundo ...	0·04	......	0·51	......	......	......	......	1	0·55	2·08	2·41	5·92	0·51	2·12
	Dacca ...	Munshiganj ...	0·58	......	......	......	......	......	0·27	2	0·85	1·81	3·84	6·46	0·27	2·00
		Dacca ...	0·35	......	......	......	......	......	0·03	1	0·38	2·15	2·76	6·62	0·03	2·18
		Narainganj ...	0·29	......	......	......	......	......	0·09	1	0·38	1·28	3·80	4·94	0·09	1·42
		Manikganj ...	0·09	......	0·10	......	......	......	0·45	2	0·64	2·00	2·51	6·24	0·55	2·13
		Joydebpore ...	0·23	0·03	0·37	......	......	......	......	2	0·63	?	4·64	?	0·40	?
	Hill Tippera	Agartola ...	......	......	......	......	......	......	......	Nil	Nil	1·70	4·76	7·67	Nil	1·85
	Tippera ...	Comilla ...	0·77	......	......	......	......	......	......	1	0·77	1·74	5·89	6·98	Nil	2·16
		Chandpore ...	......	......	......	......	......	......	0·40	1	0·40	1·03	8·92	6·01	0·40	1·16
		Brahmanbaria	......	0·28	0·20							2·00		8·18		2·42
		Ramchandrapore ...										?		?		?
		Nasirnagar ...										?		?		?
		Daudkandi ...										?		?		?
		Kasba ...	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Laksham ...										?		?		?
	Mymensingh ..	Kishoregunge	......	1·62	0·37	......	......	......	......	2	1·99	2·25	9·03	7·62	1·99	2·25
		Atia (*Tangail*)	......	0·87	0·46	......	......	......	......	2	1·33	1·75	4·07	5·24	1·33	1·81
		Mymensingh ...	......	1·91	0·04	......	0·24	0·07	0·14	3	2·40	3·21	9·70	8·69	2·40	3·45
		Jamálpur ...	1·28	......	......	......	......	......	0·05	1	1·33	1·98	5·31	6·95	0·05	2·18
		Netrokona ..	......	......	......	......	0·76	0·40	0·41	3	1·57	2·81	7·37	7·77	1·57	2·89
		Subornakhally	......	0·55	0·37	......	......	......	0·12	3	1·04	?	3·68	?	1·04	?
		Durgapore ...	......	......	......	......	......	0·60				?		?		?
		Sherepore Town	0·69	......	......	......	......	1·98	2·19		4·86	?	10·54	?	4·17	?
		Dewanganj ...	0·32	......	......	......	0·73	1·11		3		?		?		?
NORTH BENGAL.	Pabna ...	Pabna ...	0·91	......	0·12	......	0·19	0·03	1·04	4	2·29	1·92	4·56	5·08	1·38	2·09
		Sirajganj ...	......	0·54	0·34	0·02	......	0·11	......	3	1·01	1·92	2·05	5·43	1·01	2·22
	Bogra ...	Sherepore ...	......	0·12	0·18	......	0·15	......	......	3	0·45	2·32	2·40	5·80	0·45	2·38
		Nowkhilla ...	......	0·45	0·10	......	0·73	0·10	0·43	5	1·81	1·21	4·25	4·11	1·81	1·26
		Bogra ...	......	0·20	......	......	0·80	0·05	0·18	3	1·23	2·04	2·25	5·93	1·23	2·73
		Panchbibi ...	0·03	......	......	......	......	0·21	0·21	2	0·45	1·72	1·49	4·98	0·42	1·97
	Rajshahi ...	Boalia ...	0·02	......	......	......	0·24	0·45	......	2	0·71	1·21	1·77	3·58	0·69	1·40
		Nator ...	0·13	......	1·80	......	0·93	......	......	3	2·86	1·73	4·88	4·69	2·73	1·89
		Naogaon ...	......	0·07	0·49	......	0·35	0·10	0·05	3	1·06	1·51	1·41	3·69	1·06	1·51
		Latpore ...	......	0·66	......	......	0·55	0·04	0·27	3	1·52	?	2·37	?	1·52	?
		Manda ...	0·35	0·45	......	......	0·65	......	......	3	1·45	?	1·95	?	1·10	?
	Malda ..	Malda ...	......	......	0·03	......	......	0·02	0·01	Nil	0·06	0·94	0·07	2·43	0·06	1·05
		Chanchal ...	......	......	......	......	......	......	0·01	Nil	0·01	1·41	0·66	3·64	0·01	1·46
		Gajol ...	......	......	......	......	......	0·04	......	Nil	0·04	?	0·55	?	0·04	?
		Sibganj ...	......	0·29	0·30	......	0·05	0·50	......	3	1·14	?	1·25	?	1·14	?
	Dinajpur	Mohadebpore	......	0·16	......	......	......	0·22	......	2	0·38	0·90	1·30	3·06	0·38	0·91
		Churamon ...	......	......	......	......	......	0·07	......	Nil	0·07	0·55	1·66	2·34	0·07	0·61
		Raigunge ...	......	......	......	......	......	0·07	0·26	1	0·33	1·92	1·77	4·16	0·33	1·96
		Dinajpur ...	......	......	......	0·01	......	1·16	0·73	2	1·90	2·03	5·02	4·51	1·90	2·15
		Baloorghat ...	......	......	......	......	......	0·06	......	Nil	0·06	1·85	1·36	3·12	0·06	1·55
		Thakoorgaon	......	......	......	......	0·40	1·46	2·36	3	4·22	?	0·99	?	4·22	?
	Rangpur ...	Bhawanigunge (*Gyabanda*)	......	......	......	......	......	1·65	2·70	2	4·35	1·99	13·21	6·18	4·35	2·16
		Rangpur ...	......	0·02	......	......	......	3·19	2·24	2	5·45	3·38	11·78	7·28	5·45	3·69
		Kurigram ...	0·05	0·02	......	0·23	0·72	1·50	1·20	4	3·72	3·41	14·35	9·16	3·67	3·62
		Bagdogra (*Nilphamari*)	......	0·03	0·01	0·06	0·04	1·55	3·85	2	5·54	4·17	11·51	7·89	5·54	4·28
		Ulipore ...	......	......	......	......	0·08	4·08	3·45	2	7·61	?	19·68	?	7·61	?
	Jalpaiguri ...	Jalpaiguri ...	0·31	1·58	1·28	1·65	3·70	3·38	2·20	7	14·10	3·99	19·29	8·35	13·79	4·19
		Alipore Dooar	0·64	......	1·89	3·02	......	5·55	1·85	5	13·85	?	21·84	?	13·21	?
		Fallacotta ...										?		?		?
		Debiganj ...	......	......	......	0·26	1·13	1·81	1·59	4	4·79	?	10·85	?	4·79	?
		Bhagatpore (Nagrakatta)	1·29	0·02	1·15	3·52	3·75	5·40	2·75	6	17·88	?	27·60	?	16·59	?
	Kuch Bihar ..	Dinhatta ...	2·53	3·81	0·28	2·46	1·00	1·12	1·81	7	13·01	4·77	22·26	9·83	10·18	4·90
		Kuch Bihar ...	0·97	0·70	2·85	3·50	2·09	1·42	3·05	7	14·58	4·57	39·74	10·77	13·61	4·67
		Mickilgunge ...	1·20	0·27	2·30	4·12	1·85	2·12	1·08	7	12·94	3·62	20·02	7·96	11·74	4·25
		Mathabhanga	1·81	1·02	3·34	3·37	1·57	0·95	2·20	7	14·26	4·02	25·85	8·03	12·45	4·19
	Darjeeling Hill.	Buxa ...	0·86	0·14	2·21	3·37	4·71	5·65	1·12	7	18·06	5·85	24·81	14·98	17·2[illegible]	6·60
		Silliguri ...	0·02	......	1·65	0·59	0·18	1·63	0·99	5	5·06	2·27	8·71	5·10	5·04	2·54
		Darjeeling ...	0·18	0·02	0·90	0·17	0·83	0·47	2·57	6	5·14	2·24	9·47	5·73	4·96	2·37
		Kalimpong ...	0·19	......	0·39	0·34	0·80	0·52	0·98	6	3·22	0·97	5·56	3·45	3·03	0·99
		Kurseong ...	0·20	0·03	0·03	0·09	1·20	1·94	0·27	4	3·76	?	8·60	?	3·56	?
NORTH BIHÁR	Purnea ...	Kishanganj ...	......	......	......	......	......	1·26				1·60		3·85		1·61
		Araria ...	......	......	......	......	......	0·85	1·73	2	2·58	1·14	3·88	3·77	2·58	1·14
		Purnea ...	......	......	......	......	......	0·01	......	Nil	0·01	0·85	1·73	2·48	0·01	0·94
		Gondwara (Korah) ...	......	......	......	......	......	......	......	Nil	Nil	?	0·12	?	Nil	?
		Barsoe ...	......	......	......	......	......	0·02	0·03	Nil	0·05	?	1·75	?	0·05	?
		Forbesganj ...	......	......	......	......	......	1·76	0·90	2	2·66	?	5·37	?	2·66	?
		Kaliaganj ...	......	......	1·06	2·00	1·70	1·00	0·87	5	6·63	?	8·33	?	6·63	?
	North Bhágalpur.	Madhipura ...	......	......	......	......	......	......	......	Nil	Nil	0·78	0·32	2·68	Nil	0·80
		Bongaon (Syfabad.)	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Supaul ..	......	......	......	......	......	......	......	Nil	Nil	0·71	0·29	2·31	Nil	0·71
		Protabganj ...	......	......	......	......	......	1·44	......	1	1·44	?	2·94	?	1·44	?
	Darbhanga ...	Tájpur ...	......	......	......	......	......	......	......	Nil	Nil	0·30	Nil	1·45	Nil	0·30
		Darbhanga ...	......	......	......	......	......	......	......	Nil	Nil	0·46	0·03	1·76	Nil	0·45
		Madhubani ...	......	......	......	......	......	......	......	Nil	Nil	0·57	Nil	1·94	Nil	0·57
		Bahera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Roshera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Muzaffarpur...	Sitamarhi A.	......	......	......	......	......	......	......	Nil	Nil	0·48	0·55	1·88	Nil	0·51
		Muzaffarpur	......	......	......	......	......	......	......	Nil	Nil	0·52	Nil	1·87	Nil	0·58
		Hajipur ...	......	......	......	......	......	......	......	Nil	Nil	0·31	Nil	1·22	Nil	0·31
		Paru ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Mahua ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sinhar ...	......	......	......	......	......	......	......	Nil	Nil	?	0·38	?	Nil	?
		Pupri ...	......	......	......	......	......	......	......	Nil	Nil	?	0·50	?	Nil	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 21st of May 1892—concld.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 15th May.	Monday, 16th May.	Tuesday, 17th May.	Wednesday, 15th May.	Thursday, 19th May.	Friday, 20th May.	Saturday, 21st May.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 1st April 1892.	Average rainfall from 1st April to date.
NORTH BIHÁR —concluded.	Champaran ...	Motihari ...	......	......	......	......	......	......	......	Nil	Nil	0·62	0·20	1·87	Nil	0·69
		Bettiah ...	......	......	......	......	......	......	......	Nil	Nil	0·57	0·04	2·06	Nil	0·63
		Bagaha ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Burhurwa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Saran ...	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	0·40	Nil	1·19	Nil	0·40
		Siwán .	......	......	......	......	......	......	0·24	1	0·24	0·55	0·24	1·22	0·24	0·56
		Chapra ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·89	Nil	0·20
SOUTH BIHÁR	Shahabad ...	Buxar ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0·52	Nil	0·11
		Dehri .	......	......	......	......	......	......	......	Nil	Nil	0·09	0·02	0·30	Nil	0·09
		Bhabhua ...	......	......	......	......	......	......	......	Nil	Nil	0·23	Nil	0·68	Nil	0·25
		Sasarám ...	......	......	......	......	......	......	......	Nil	Nil	0·19	Nil	0·77	Nil	0·24
		Arrah ...	......	......	......	......	......	......	0·35	1	0·35	0·35	0·35	0·94	0·35	0·36
		Mohaniah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Ageaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rammagor ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Koath ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sikroul ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bassowan ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Monaharpur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Gaya ..	Aurangabad ...	......	......	......	......	......	......	......	Nil	Nil	0·61	Nil	1·01	Nil	0·62
		Gaya ...	......	......	......	......	......	......	......	Nil	Nil	0·89	Nil	1·28	Nil	0·97
		Nawádah ...	......	......	......	......	......	......	......	Nil	Nil	0·92	Nil	1·48	Nil	0·92
		Jahánabad ...	......	......	......	......	......	......	......	Nil	Nil	0·52	Nil	1·02	Nil	0·52
		Arwal .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Dawinagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sherghati ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rajauli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pakri Barawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Patna ..	Patna ...	......	......	......	......	......	......	......	Nil	Nil	0·50	Nil	1·21	Nil	0 50
		Dinapore	......	......	......	......	......	......	......	Nil	Nil	0·39	Nil	0·97	Nil	0·39
		Bihár ...	......	......	......	......	......	......	......	Nil	Nil	0·72	Nil	1·47	Nil	0·83
		Barh ...	......	......	......	......	......	......	......	Nil	Nil	0·74	Nil	1·50	Nil	0·74
		Bickram ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hilsa ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Monghyr ...	Begusarai ...	......	......	......	......	......	......	......	Nil	Nil	0·51	Nil	1·42	Nil	0 57
		Monghyr ...	......	......	......	......	......	......	......	Nil	Nil	0·57	0·05	1·43	Nil	0·72
		Jamui ..	......	......	......	......	......	......	......	Nil	Nil	0·54	Nil	1·36	Nil	0·56
		Goori ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sheikpura ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	South Bhágalpur	Bhágalpur ...	......	......	......	......	......	......	......	Nil	Nil	0·68	0·14	1·68	Nil	0·81
		Banka ...	......	......	......	......	......	......	......	Nil	Nil	0·49	0·10	1·78	Nil	0·56
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Sonthal Parganas.	Rajmahal ...	......	......	......	......	......	......	......	Nil	Nil	1·06	Nil	3·11	Nil	1·14
		Godda ...	......	......	......	......	......	......	......	Nil	Nil	0·69	0·43	1·95	Nil	0·69
		Pakour .	......	......	......	......	......	0·48	......	1	0 48	0·83	0·83	2·27	0·48	1·11
		Naya Dumka	......	......	......	......	......	......	......	Nil	Nil	0·74	0·51	2·10	Nil	0·87
		Deoghur ..	......	......	......	......	......	......	......	Nil	Nil	0·63	0·05	2·05	Nil	0·66
		Jamtara ...	......	......	......	......	......	......	......	Nil	Nil	0·76	0 30	2·45	Nil	0·85
		Mohagama ...	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Nanihat ...	......	......	......	......	......	......	......	Nil	Nil	?	0·42	?	Nil	?
CHOTA NAGPUR.	Hazáribágh ...	Pachamba (*Giridi*). ...	......	......	......	......	......	......	......	Nil	Nil	0·73	0·19	1·53	Nil	0·84
		Hazáribágh ...	......	......	......	......	......	......	......	Nil	Nil	0·69	Nil	1·52	Nil	0·77
		Semtagurah ..	......	......	......	......	......	......	......	Nil	Nil	0·98	Nil	1·92	Nil	1·06
		Mahudi Hills	......	......	......	......	......	......	......	Nil	Nil	0·73	Nil	1·41	Nil	0·78
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	0·60	Nil	1·56	Nil	0·60
		Barhi ...	......	......	......	......	......	......	......	Nil	Nil	?	0·11	?	Nil	?
		Chatra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Karagdcha ..	......	......	......	......	......	......	......	Nil	Nil	?	0·27	?	Nil	?
		Ramghar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Lohardaga ...	Lohardaga ...	......	......	......	......	......	......	......	Nil	Nil	0·81	Nil	1·57	Nil	0·81
		Ranchi ...	......	......	......	......	......	......	......	Nil	Nil	0·75	Nil	1·96	Nil	0·88
		Silli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Palámau ...	Palámau ..	......	......	......	......	......	......	......	Nil	Nil	0·37	Nil	0·77	Nil	0·42
		Balumat	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Hosseinabad	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Garwah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Singhbhum ...	Chaibassa ...	......	......	......	......	......	......	......	Nil	Nil	1·07	Nil	2·07	Nil	1·30
		Chakradharpore.	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Ghatsilla ...	......	......	......	......	......	......	0·34	1	0·34	?	0·49	?	0·34	?
		Buharagura	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Manbhum ...	Purulia ...	......	......	......	......	......	......	0·34	1	0·34	0·70	0·34	2·66	0·34	0·87
		Gobindpur ..	......	......	......	......	......	......	0·06	Nil	0·06	0·50	0·73	1·36	0·06	0·59
		Raghunathpore.	......	......	......	......	......	......	......	Nil	Nil	?	0·73	?	Nil	?
		Barrabhum	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Jhalda ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Chas ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Pandra ...	......	......	......	......	......	......	......	Nil	Nil	?	0·02	?	Nil	?

Explanation.—......indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the 24th May* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 21ST OF MAY 1892.

THE meteorological conditions which obtained over the province at the close of the previous week were a little disturbed. On the 15th, or the first day of the present week, the changes were small; pressure fell slowly over the whole of the province and became from about 0·05" to 0·08" below the normal, the defect being largest in Assam and East Bengal; the wind directions were fairly normal, and moderate to strong winds were blowing, bringing up considerable amounts of moisture to the province, and on this day a considerable number of stations in East and North Bengal reported local storms with rain, which had occurred on the evening of the 14th; but, on the whole, the rainfall was not heavy. On the 16th the meteorological changes were very small, and conditions were practically unaltered, and only a few stations in the north of the province reported local storms with rain. On the 17th, pressure rose moderately to rapidly, and conditions became more settled, while pressure was almost normal. On the 18th and 19th the barometric changes were exceedingly small, and only averaged a few thousandths of an inch, and hence during these two days weather was generally fine and settled, and, except for a few local storms in East Bengal, which gave light rain, and for moderate rainfall in the hills of North Bengal, the whole province was almost rainless. On the 20th, however, pressure began to fall moderately, the fall being largest in the western, southern, and south-western districts, and it became about a tenth of an inch in defect of the normal at some of the stations in Bihár, and on the 21st pressure had again fallen rapidly over the whole province, the fall at some stations exceeding a tenth of an inch, and on this day pressure became exceedingly low, the defect at such stations as Bankura and Hazáribágh equalling more than 0·15", and thus a feeble low pressure area or barometric depression had developed over the west of the province. With these conditions a series of disturbances or local storms set in, which gave moderate general rain on the 20th to East and North Bengal, while on the 21st the area of disturbance had extended, and in addition rainfall became fairly general over the greater part of South-West Bengal.

Conditions were therefore fairly normal for the greater part of the week over the greater part of the province, but on the last two days they became very decidedly disturbed, and the disturbance was spreading steadily over the whole province.

Pressure.—The mean pressure for the week has been very considerably in defect of the normal, though the defects have been a little irregular in amount. The largest defects have been registered at such stations as Gaya, Bankipur, and Dehri where they equal about 0·08", but in the east and south-east of the province the defects have been small, and at Comilla, Barisal, and Chittagong they are less than 0·02." In Assam also at Dhubri and Silchar the defects only equal about 0·015". The general defect over the whole province therefore equals about 0·03" to 0·04"

Temperature.—Owing to the absence of anything like heavy rain over the greater part of the province, the temperatures registered during the week have been exceptionally high. In Chota Nagpur the mean temperature for this period has been nearly seven degrees higher than usual; in South Bihár the excess has been about four-and-a-half degrees, and in Orissa, South-West Bengal, and North Bihár about two to three degrees. The excess has been small in East Bengal, only equalling one degree. On the other hand, in North Bengal, where at many stations heavy rain has been falling, there is a defect of 1·6°, and in Assam, where rainfall has been abundant, the defect is 2·5°. For Bengal generally the mean temperature of the week has been nearly three degrees above the normal.

Rainfall.—The falls in North Bengal have occurred almost daily during the week, and have averaged no less than 4·11 inches, which is about 72 per cent. in excess of the normal. In all other districts only occasional local showers have occurred, and in East and South-West Bengal they only average about half an inch or nearly a third of the normal fall. In North Bihár also the falls have averaged a quarter of an inch, or again little more than a third of the normal fall. In the other divisions of Orissa, South Bihár, and Chota Nagpur, rainfall has been practically absent.

Even in North Bengal, however, the falls have been very unevenly distributed. Malda has again received little or no rain, and Dinajpur and Bogra rather small amounts; the Jalpaiguri and Darjeeling districts, on the other hand, have received exceptionally heavy rain, having averaged about 14 and 8 inches respectively. The other districts in North Bengal have received good general rain. In East Bengal, Chittagong, Chittagong Hill Tracts, Backergunge, and Noakhali have received little or no rain, and the other districts moderate amounts. In South-West Bengal, the only districts receiving moderately good rain have been Burdwan, Berhampore, Nadia, and Jessore, and in Bihár only the Purnea district reports good rain.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 21st of May 1892:—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 1st April 1892.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	106·4	71·8	95·0	81·9	88·5	+2·2	0·10	1·02	—0·92	0·20	1·27	—1·07	0·20	2·93	Nil	1·12
South-West Bengal ...	111·5	63·0	100·5	80·9	90·7	+2·9	0·50	1·10	—0·60	0·87	1·68	—0·81	1·93	3·58	0·27	1·21
East Bengal	96·8	72·1	90·6	78·5	84·5	+1·0	0·66	2·06	—1·40	1·20	2·40	—1·20	5·65	6·78	0·45	2·26
North Bengal	101·7	66·2	88·8	74·9	81·9	—1·6	4·11	2·39	+1·72	3·12	2·30	+0·82	8·29	5·72	3·79	2·53
North Bihár	110·2	72·2	99·6	78·1	88·9	+2·7	0·26	0·63	—0·37	0·25	0·86	—0·61	0·66	2·03	0·26	0·95
South Bihár	114·1	75·0	106·8	81·2	94·1	+4·4	0·03	0·57	—0·54	0·08	0·74	—0·66	0·09	1·46	0·03	0·63
Chota Nagpur	112·8	78·4	107·3	82·7	95·0	+9·9	0·04	0·72	—0·68	0·09	1·04	—0·95	0·12	1·76	0·04	0·81
Assam	91·5	69·8	82·5	72·8	77·7	—2·5										

METEOROLOGICAL OFFICE, BENGAL,
The 24th May 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 15th to 21st May 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature.						Hygrometry.			Rainfall past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
May ...	15th ...	29·663	89·8	99·0	18·4	80·6	93 1	83·0	·993	79·0	64	Nil
,, ...	16th ...	·639	90 5	99·0	17·0	82·0	92·6	83·5	1·026	80·0	67	...
,, ...	17th ...	·709	90·4	99 0	17·2	81·8	94·1	83·5	1·006	79·4	63	...
,, ...	18th ...	·699	90·0	98·5	17·1	81·4	93·6	82·5	·963	78·1	61	...
,, ...	19th ...	·707	89·9	98·0	16·2	81·8	93·6	83·5	1·012	79·6	64	...
,, ...	20th ...	·655	90·4	98·0	15·2	82·8	93·6	81·0	·890	75·7	57	...
,, ...	21st ...	·562	89·9	96·5	13·2	83·3	93·4	82·5	·964	78·1	61	...

	Inches.
The mean 10 A.M. pressure of the seven days	29·662
	°
The mean temperature of the seven days	90·1
The extreme variation of temperature	18·4
The maximum temperature	99·0
	%
The mean 10 A.M. relative humidity of the seven days	62
The total fall of rain from 15th to 21st May 1892	Nil

The daily mean temperatures are the crude means of maximum and minimum temperatures.

A. PEDLER,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
The 23rd May 1892.

Results of the Meteorological Observations taken at the Alipore Observatory from 15th to 21st May 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Temperature. Maximum.	Temperature. Range.	Temperature. Minimum.	Hygrometry. Mean wet bulb.	Hygrometry. Vapour tension	Hygrometry. Dew point.	Hygrometry. Humidity.	Wind. Prevailing direction.	Wind. Miles recorded.	Rain.	Weather.
		°		Inches.	°	°	°		°	Inches	°	%			Inches.	
May	15th	150·7	9·5	29·597	88·5	95·8	14·8	81·0	81·6	0·987	78·8	74	SE and SSW ...	214	Nil	Partially cloudy.
,,	16th	148·5	6·0	·613	89·0	96·1	14·1	82·0	82·0	1·000	79·2	74	S and SSW ...	210	,	Partially cloudy.
,,	17th	149·5	6·0	·656	89·0	96·4	15·0	81·4	81·7	0·985	78·8	73	S and SSW ...	221	,,	Partially cloudy.
,,	18th	148·7	6·7	·660	88·6	95·7	14·5	81·2	81·5	·978	78·6	73	S and SSW ...	232	,,	Partially cloudy.
,,	19th	149·5	7·6	·650	88·8	95·1	13·3	81·8	81·5	·979	78·6	73	S and SSW ...	261	,,	Partially cloudy.
,,	20th	149·4	4·6	·597	88·7	95·3	12·6	82·7	79·6	·889	75·7	66	S and SSW ...	285	Not measureable.	Chiefly cloudy, o, d.
,,	21st	152·2	5·9	·520	88·0	94·6	11·2	83·4	80·3	·931	77·1	70	SSW and variable	317	0·94	Chiefly cloudy, o, g, d, p, <.

	Inches.
The mean pressure of the seven days	29·613
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·667
	Hours.
The total number of hours of bright sunshine	46·3
The maximum possible number of hours of sunshine	92·5
	°
The mean temperature of the seven days	88·7
The average temperature of the corresponding period for 24 years, S.-G.'s Office	86·5
The extreme variation of temperature	15·4
The maximum temperature	96·4
	Miles.
The highest velocity of the wind in one hour	29
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	72
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	73
	Inches.
The total fall of rain from 15th to 21st May 1892	0·94
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	0·90
The total fall from 1st January to 21st May 1892	3·01
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	7·58

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All th thermometers are verified, and the readings have been corrected to a standard constructed and verified at th Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four fee above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerl at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables compute i the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; d, drizzling rain; g, gloomy; p, passing temporary showers; <, thunderstorm.

A. Pedler,

For Meteorological Reporter to the Govt. of India.

Meteorological Office, Govt. of India;

Calcutta, the 23rd May 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 30th April 1892.

1	2	3			4			5			6	7							8							9	10		11		12
DISTRICTS.	NAMES OF MUNICIPALITIES.	POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
					NUMBER OF—			RATIO PER 1,000 OF POPULATION PER ANNUM.			Ratio of male births to every 100 female births.	Diseases. DEATHS FROM—							RATIO PER 1,000 OF POPULATION PER ANNUM.							Ratio of deaths per 1,000 of population per annum in the preceding week.	Sex. DEATHS.		RATIO PER 1,000 OF POPULATION PER ANNUM.		Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
		Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*		Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*		Male.	Female.	Male.	Female.	
Burdwan	Burdwan	18,063	16,017	34,080	13	11	*24*	19·8	16·8	*36·6*	118	..	8	16	..		4	*28*	...	12·2	24·4	...	.	6·1	*42·7*	39·7	13	15	37·4	48·7	76
	Raniganj	6,246	4,691	10,937	2	5	*7*	9·5	23·8	*33·3*	40	1	...	1	1	1	1	*5*	4·7	...	4·7	4·7	4·7	4·7	*23·8*	28·5	3	2	25·0	22·2	112
Bankura	Bankura	8,970	8,925	17,895	4	4	*8*	11·6	11·6	*23·2*	160	..	..	4	...	...	1	*5*	...	...	11·6	...	...	2·9	*14·5*	20·3	1	4	5·8	23·2	25
Birbhum	Suri	3,982	3,866	7,848	5	3	*8*	33·1	19·9	*53·0*	166	...	.	1		...	2	*3*		..	6·6	..		13·3	*19·9*	56·5	1	2	13·1	26·9	48
Midnapore	Midnapore	16,927	16,633	33,560	10	5	*15*	15·5	7·7	*23·2*	200	21	...	14	6	..	4	*45*	32·5	.	21·7	9·3	...	6·2	*69·7*	37·2	26	19	79·9	59·4	134
Hooghly, including Serampore.	Hooghly and Chinsura.	15,858	15,829	31,687	7	6	*13*	11·5	9·8	*21·3*	110	11	...	23	2	...	4	*40*	18·0	..	37·7	3·3	...	6·6	*65·6*	42·7	24	16	78·7	52·6	149
	Serampore	13,559	12,937	26,496	5	4	*9*	9·8	7·9	*17·7*	125	10	...	6	4	..	1	*21*	19·6	..	11·8	7·9	...	1·9	*41·2*	66·7	8	13	30·7	52·2	58
	Utterpara	3,049	2,461	5,510	2	2	*4*	18·8	18·9	*37·7*	100	...	.	2	3	...	1	*6*		...	18·8	28·3	...	9·4	*56·6*	28·3	3	3	51·2	63·3	80
Howrah	Howrah	53,153	37,660	90,813	15	14	*29*	8·6	8·0	*16·6*	107	27	...	21	2	.	6	*56*	15·6		12·0	1·1	...	3·4	*32·1*	31·9	28	28	27·4	38·7	70
	Bally	7,536	6,979	14,515	4	1	*5*	14·0	3·5	*17·5*	400	2	.	7	...	...	2	*11*	7·0	...	24·0	...		7·0	*38·6*	21·1	6	5	39·8	37·3	107
24-Parganas	Cossipore-Chitpur	16,080	10,214	26,294	7	5	*12*	13·8	9·9	*23·7*	140	6		3	...	..	4	*13*	11·8	.	5·9	...	..	7·9	*25·7*	17·8	6	7	19·4	35·6	54
	Manicktolla	16,536	12,112	28,648	2	1	*3*	3·6	1·8	*5·4*	200	4	.	4	...	...	3	*11*	7·3		7·3	..		5·4	*20·0*	29·0	5	6	15·7	25·8	61
	Baranagore	15,920	14,042	29,962	2	4	*6*	3·5	6·9	*10·4*	50	3		6	...	1	1	*11*	5·2	...	10·4	..	1·7	1·7	*19·1*	39·9	6	5	19·6	18·5	106
	South Suburban	26,400	25,258	51,658	3	9	*12*	3·0	9·0	*12·1*	33	13	...	9	2	..	1	*25*	13·1		9·0	2·0	...	1·0	*25·2*	23·2	13	12	25·6	24·7	103
Nadia	Krishnagar	13,263	14,214	27,477	8	12	*20*	15·1	22·7	*37·8*	66	1	..	11	1	2	4	*19*	1·9	...	20·8	1·9	3·8	7·6	*36·0*	39·7	5	14	19·6	51·2	38
	Ranaghat	4,028	4,655	8,683	7	5	*12*	41·9	29·9	*71·9*	140	...	..	6	..	..	4	*10*	..	...	35·9	...	...	24·0	*59·9*	29·9	4	6	51·6	67·0	77
	Santipur	13,708	15,979	29,687	12	8	*20*	21·0	14·0	*35·0*	150	..	.	7	...	...	1	*8*	...	...	12·3	...	...	1·7	*14·0*	28·0	7	1	26·6	3·3	806
Jessore	Jessore	4,530	3,965	8,495	...	...	...	...	...	..	...	...	...	...	...	...	1	*1*	...	...	...	...	...	6·1	*6·1*	24·5	1	...	10·8	...	No female death.
Murshidabad	Berhampore	11,657	11,948	23,605	11	1	*12*	24·2	2·2	*26·4*	1,100	8	...	4	..	...	1	*13*	17·6	...	8·8	...	...	2·2	*28·6*	88·1	9	4	40·1	17·4	230
	City Murshidabad	18,901	20,330	39,231	9	4	*13*	11·9	5·3	*17·2*	225	19	...	23	1	...	...	*43*	25·2	..	30·5	1·3	...	...	*57·0*	58·4	30	13	82·5	33·3	247
Khulna	Khulna	3,249	3,043	6,293	2	1	*3*	16·5	8·3	*24·8*	200	7	..	3	...	1	...	*11*	57·9	...	24·8	...	8·2	...	*90·9*	115·7	7	4	112·0	68·4	163
Dinajpur	Dinajpur	7,254	5,306	12,560	2	1	*3*	8·3	4·1	*12·4*	200	...	..	3	...	...	..	*8*	...	...	12·4	...	...	...	*19·4*	49·7	1	2	7·2	19·6	37

Rajshahi ...	Rampur Boalia ...	10,766	9,025	19,791	15	8	*23*	39·4	21·0	*60·4*	187	1	...	21	...	2	1	*25*	2·6	...	55·2	...	5·3	2·6	*65·7*	34·2	19	6	91·8	34·6	263
Rangpur ...	Rangpur	8,011	5,309	13,320	3	1	*4*	11·7	3·9	*15·6*	300	...	...	6	3	...	3	*12*	...	...	23·4	11·7	...	11·7	*46·8*	3·9	10	2	64·9	19·6	331
Bogra ...	Bogra	3,480	2,699	6,179	1	2	*3*	8·4	16·8	*25·2*	50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·4	...	...	...	...	...
Pabna ... {	Pabna	7,701	7,566	15,267	6	4	*10*	20·4	13·6	*34·0*	150	2	...	6	...	...	...	*8*	6·8	...	20·4	...	...	...	*27·2*	44·3	6	2	40·5	13·7	295
	Sirajganj	11,213	9,824	21,037	1	1	*2*	2·4	2·4	*4·9*	100	...	...	2	...	...	...	*2*	...	...	4·9	...	...	...	*4·9*	17·3	1	1	4·6	5·3	86
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	2	1	*3*	14·8	7·4	*22·2*	200	...	..	2	1	...	2	*5*	...	...	14·8	7·4	...	14·8	*37·0*	...	4	1	45·4	21·3	213
Jalpaiguri ...	Jalpaiguri ...	4,972	2,975	7,947	1	2	*3*	6·5	13·1	*19·6*	50	...	...	2	...	...	...	*2*	...	...	13·1	...	...	...	*13·1*	6·5	2	...	20·9	...	No female death.
Dacca ... {	Dacca	42,782	37,379	80,161	11	12	*23*	7·1	7·8	*14·9*	91	3	16	7	1	3	3	*33*	1·9	10·4	4·5	·6	1·9	1·9	*21·4*	41·5	20	13	24·3	18·1	134
	Narainganj ...	7,605	4,956	12,561	1	7	*8*	4·1	29·0	*33·1*	14	...	...	1	...	...	...	*1*	...	...	4·1	...	...	...	*4·1*	33·1	1	...	6·8	...	No female death.
Faridpur ...	Faridpur ...	5,663	4,600	10,263	...	3	*3*	...	15·2	*15·2*	No male birth.	...	...	7	...	...	...	*7*	...	..	35·5	...	...	...	*35·5*	30·4	4	3	36·7	33·9	108
Backergunge ...	Barisal	8,701	4,485	13,186	5	3	*8*	19·7	11·8	*31·5*	166	3	...	2	..	...	1	*6*	11·8	...	7·9	...	...	3·9	*23·7*	51·3	3	3	17·9	31·8	51
Mymensingh ...	Nasirabad ...	10,443	4,413	14,856	4	2	*6*	14·0	7·0	*21·0*	200	...	1	1	2	...	4	*8*	...	3·5	3·5	7·0	...	14·0	*28·0*	10·5	6	2	29·9	23·6	126
Chittagong ...	Chittagong ...	13,340	8,790	22,130	6	2	*8*	14·1	2·7	*18·8*	300	1	...	13	1	...	2	*17*	2·3	...	30·5	2·3	...	4·7	*39·9*	42·3	9	8	35·1	47·3	74
Noakhali ...	Sudharam ...	3,410	1,714	5,124	...	2	*2*	...	20·2	*20·2*	No male birth.	3	...	5	...	...	...	*10*	58·7	...	58·7	...	...	...	*101·5*	60·9	8	2	122·0	60·7	201
Tippera ...	Comilla	8,153	5,353	13,506	7	7	*14*	26·9	26·9	*53·9*	100	...	...	8	...	...	2	*10*	...	...	30·8	...	...	7·7	*38·5*	53·9	3	7	19·1	68·0	286
Patna ... {	Patna City ...	78,762	81,475	160,237	21	25	*46*	6·8	8·1	*14·9*	85	61	...	32	17	2	10	*122*	19·8	..	10·4	5·5	·6	3·2	*39·6*	39·9	75	47	49·5	30·0	165
	Bihar	23,799	25,172	48,971	8	17	*25*	8·5	18·0	*26·5*	47	1	5	14	...	...	5	*25*	1·1	5·3	14·5	...	...	5·3	*26·5*	25·5	17	8	37·1	16·5	224
	Dinapore ...	25,424	26,801	52,225	5	2	*7*	4·9	2·0	*6·9*	250	...	..	5	2	..	2	*9*	...	..	4·9	2·0	...	2·0	*8·9*	4·0	5	4	10·2	7·8	130
Gaya ...	Gaya	38,290	37,831	76,121	20	17	*37*	13·7	11·6	*25·3*	117	14	4	37	1	...	7	*63*	9·6	2·7	25·3	·7	...	4·3	*43·0*	58·7	30	33	40·7	45·4	88
Shahabad ... {	Arrah	20,960	22,505	43,465	18	11	*29*	21·5	13·2	*34·7*	163	1	1	17	6	...	...	*25*	1·2	1·2	20·3	7·2	...	...	*29·9*	23·9	12	13	29·8	30·0	99
	Buxar	9,299	8,369	17,668	6	4	*10*	17·6	11·8	*29·4*	150	30	.	8	...	...	5	*43*	88·3	..	23·5	...	...	14·7	*126·6*	64·7	22	21	123·0	130·5	94
Muzaffarpur ...	Muzaffarpur ...	23,084	19,658	42,742	12	8	*20*	11·6	9·7	*24·3*	150	18	1	23	2	...	19	*63*	21·9	1·2	28·0	2·4	...	23·1	*76·6*	63·4	37	26	83·3	68·8	121
Darbhanga ...	Darbhanga	33,774	32,382	66,156	29	26	*55*	12·8	20·5	*45·3*	111	62	.	24	9	...	12	*107*	48·8		18·9	7·1	...	9·4	*84·2*	73·2	61	46	93·9	71·0	127
Saran ...	Chapra	25,116	26,554	51,670	13	13	*26*	13·1	13·1	*26·2*	100	1	..	10	4	...	11	*26*	1·9	...	10·1	4·0	...	11·1	*25·2*	17·1	16	19	35·1	19·6	169
Champaran ...	Motihari	6,328	3,979	10,307	...	2	*2*	...	10·1	*10·1*	No male birth.	...	..	1	1	1	2	*5*	...	...	5·0	5·0	5·0	10·1	*25·2*	75·7	2	3	16·4	39·2	41
Monghyr ... {	Monghyr	28,154	29,366	57,520	11	10	*21*	9·9	9·0	*19·0*	110	...	1	12	7	2	5	*27*	...	·9	10·8	6·3	1·8	4·5	*24·4*	22·6	19	8	35·1	14·2	247
	Jamálpur ...	7,456	6,107	13,563	4	8	*12*	15·3	30·7	*46·0*	50	...	1	10	...	...	1	*12*	...	3·8	38·3	...	...	3·8	*45·0*	26·8	5	7	34·9	59·6	58
Bhagalpur ...	Bhagalpur ...	34,916	33,322	68,238	22	23	*45*	16·8	17·5	*34·3*	95	...	...	44	3	1	7	*55*	..	..	33·5	2·3	·8	5·3	*41·9*	44·2	30	25	44·7	39·0	114
Purnea ...	Purnea	8,463	6,553	15,016	2	1	*3*	6·9	3·5	*10·4*	200	1	...	3	...	...	...	*4*	3·5	...	10·4	...	...	...	*13·9*	10·4	2	2	12·3	15·9	77
Malda ..	English Bazar ...	6,289	6,141	12,430	3	5	*8*	12·5	20·9	*33·5*	60	...	.	3	...	1	...	*4*	...	.	12·5	..	4·2	...	*16·7*	25·1	3	1	24·8	8·5	291
Sonthal Parganas.	Deoghur	4,964	3,041	8,005	2	1	*3*	13·0	6·5	*19·5*	200	3	.	4	...	...	...	*7*	29·5	...	26·0	..	...	...	*45·5*	84·4	6	1	62·9	17·1	367
Cuttack ...	Cuttack	22,632	20,597	43,229	8	8	*16*	9·6	9·6	*19·2*	100	6	...	4	3	1	5	*19*	7·2	...	4·8	3·6	1·2	6·0	*22·8*	21·6	13	6	29·9	15·1	198
Puri ...	Puri	13,247	11,537	24,784	3	6	*9*	6·3	12·6	*18·9*	50	5	2	2	4	1	10	*24*	10·5	4·2	4·2	8·4	2·1	21·0	*50·4*	44·1	18	6	70·7	27·0	262
Balasore ...	Balasore	10,282	9,983	20,265	6	2	*8*	15·4	5·1	*20·5*	300	38	.	2	...	...	8	*48*	97·5	...	5·1	...	...	20·5	*123·2*	159·1	26	22	131·5	111·6	114
Hazaribagh ...	Hazaribagh ..	7,636	7,667	15,303	3	6	*9*	10·2	20·4	*30·6*	50	...	1	7	2	...	1	*11*	...	3·4	23·8	6·8	...	3·4	*37·4*	37·4	7	4	47·7	27·1	176
Lohardaga ...	Ranchi	10,091	8,342	18,433	6	6	*12*	16·9	16·9	*33·8*	100	...	1	4	1	...	1	*7*	...	2·8	11·3	2·8	...	2·8	*19·7*	39·5	4	3	20·6	13·7	110
Singhbhum ..	Chaibassa	3,126	2,880	6,006	..	2	*2*	..	17·3	*17·3*	No male birth.	...	...	...	...	...	1	*1*	...	...	...	...	...	8·6	*8·6*	26·0	...	1	...	15·1	No male death.
Manbhum ...	Purulia	5,063	4,241	9,304	1	...	*1*	5·6	...	*5·6*	No female birth.	7	..	2	1	...	2	*12*	29·1	...	11·1	5·6	...	11·1	*67·1*	61·5	6	6	61·7	73·5	84
	Total ...	897,450	812,770	1,710,220	398	366	*764*	12·1	11·1	*23·2*	108	306	42	525	93	19	178	*1,253*	12·0	1·3	16·0	2·8	·6	5·4	*38·1*	39·2	719	534	41·7	34·2	121

DISTRICTS.	NAMES OF MUNICIPALITIES.	13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
		DEATHS AMONG—					RATIO PER 1,000 OF POPULATION PER ANNUM.					DEATHS.										RATIO PER 1,000 OF POPULATION PER ANNUM.									
		Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	18	10	...	...	...	39·5	50·7	...	...	9	1	1	1	1	7	4	2	...	2	709·1	23·0	22·3	20·6	16·6	45·9	30·2	23·5	...	70·2
	Raniganj	...	5	...	...	...	...	29·1	...	...	...	3	...	...	...	1	1	...	...	...	...	663·8	...	...	...	63·6	21·5	...	...	...	...
Bankura ...	Bankura	...	5	...	...	...	...	15·3	...	...	...	2	...	...	...	...	1	...	...	...	2	219·9	...	...	...	...	15·8	...	...	...	104·7
Birbhum ...	Suri	...	2	1	...	...	...	17·8	23·1	...	...	1	...	...	...	...	2	...	...	...	...	298·9	...	...	...	...	73·7	...	...	...	...
Midnapore ...	Midnapore ...	1	28	16	...	...	233·2	56·2	115·2	...	...	6	6	2	1	4	10	7	5	2	2	419·9	132·7	27·7	17·1	65·8	70·8	65·6	69·8	50·4	56·8
Hooghly, including Serampore.	Hooghly and Chinsura.	...	33	7	...	...	...	67·9	59·0	...	...	5	6	3	1	4	7	4	2	4	4	323·8	140·6	54·1	21·0	82·9	58·6	36·4	24·9	80·0	100·3
	Serampore	...	18	3	...	...	...	37·1	166·3	...	...	2	1	3	1	6	1	3	2	2	...	146·5	28·8	62·1	23·4	142·9	9·7	31·4	30·8	54·3	...
	Utterpara	...	6	...	...	...	...	58·6	...	...	...	1	1	...	...	1	1	...	1	1	...	323·0	123·5	...	...	118·2	45·2	...	74·2	141·3	...
Howrah ...	Howrah	1	40	15	...	...	27·5	30·5	38·0	...	...	8	5	3	3	7	10	7	2	3	8	201·6	46·9	24·8	23·7	49·7	22·9	18·9	8·8	28·4	110·9
	Bally	...	11	...	...	...	...	42·7	...	...	...	...	3	2	...	1	1	1	1	...	2	...	156·2	97·6	...	39·0	15·5	15·6	26·9	...	142·1
24-Parganas	Cossipore-Chitpur	...	7	6	...	...	...	19·9	39·6	...	...	2	1	2	1	...	4	...	1	1	1	217·6	59·0	132·7	20·6	...	21·9	...	20·8	53·4	111·1
	Manicktola ...	...	6	5	...	...	...	18·6	22·6	...	...	1	2	...	...	...	1	1	3	1	2	838·7	759·1	...	...	...	6·4	6·4	34·6	33·0	109·8
	Baranagore ...	...	9	2	...	...	...	18·2	25·1	...	...	...	...	1	...	...	3	1	2	2	2	...	...	20·9	...	...	24·4	8·9	25·2	50·3	62·1
	South Suburban	...	17	8	...	...	...	27·9	21·3	...	...	3	5	2	...	2	6	3	2	2	...	117·6	54·7	20·5	...	23·6	30·7	18·0	17·6	31·4	...
Nadia ...	Krishnagar ...	...	14	5	...	...	...	39·1	31·4	...	...	5	2	...	...	1	3	1	2	2	3	524·2	42·2	...	...	25·3	32·4	12·1	31·9	49·4	90·3
	Ranaghat	...	9	1	...	...	...	64·0	38·1	...	...	4	2	1	...	1	...	...	...	1	1	1,004·8	130·8	46·6	...	83·5	...	...	...	71·8	91·4
	Santipur ...	...	7	1	...	...	...	17·6	5·8	...	...	4	...	...	1	1	...	...	1	...	1	246·2	...	...	17·9	23·4	...	...	14·8	...	26·5
Jessore ...	Jessore	...	1	...	...	...	...	11·5	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	65·6	...	...	...	...	...	...	...
Murshidabad.	Berhampore ...	...	9	4	...	...	...	25·8	40·1	...	...	3	2	1	2	1	1	1	1	2	...	275·9	65·2	24·6	54·7	29·5	11·7	11·7	15·1	55·3	...
	City Murshidabad	...	34	9	...	...	...	77·8	29·6	...	...	1	2	5	3	3	7	4	9	5	4	68·2	42·2	75·5	54·3	60·2	49·7	28·6	80·0	73·2	67·2
Khulna ...	Khulna	...	6	5	...	...	...	97·8	85·3	...	...	...	4	...	1	...	3	...	2	...	1	...	260·7	...	71·9	...	145·4	...	159·5	...	165·1
Dinajpur ...	Dinajpur	...	...	3	...	...	...	...	24·3	...	...	...	...	...	...	1	1	...	...	...	1	...	...	...	...	51·2	19·3	...	...	...	81·4
Rajshahi ...	Rampur Boalia ...	...	16	9	...	...	...	84·0	47·7	...	...	4	3	3	3	3	3	1	2	3	...	512·3	110·0	75·0	86·6	93·9	37·5	14·4	48·4	125·7	...
Rangpur ...	Rangpur	...	5	7	...	...	...	40·1	54·8	...	...	2	...	...	...	...	2	4	1	2	1	446·4	...	...	...	...	32·9	78·6	32·9	141·5	101·0
Bogra ...	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Pabna ...	Pabna ...	...	4	4	...	...	...	29·2	25·7	...	...	...	2	...	...	...	1	2	2	...	1	...	71·	...	...	...	17·9	41·7	61·0	...	52·3
	Sirajganj	...	...	2	...	...	...	...	8·5	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	27·0	...	...	...	...	...	44·6
Darjeeling ...	Darjeeling	...	2	1	2	...	...	22·6	85·0	63·0	...	3	...	...	...	...	...	1	...	...	1	429·8	...	...	...	...	...	36·3	...	...	307·7
Jalpaiguri ...	Jalpaiguri	...	...	2	...	...	...	...	28·5	...	...	...	...	2	...	...	...	...	...	...	...	...	...	114·0	...	...	...	...	...	...	...
Dacca ...	Dacca ...	...	11	22	...	...	...	14·2	29·1	...	...	8	9	3	1	1	2	4	1	2	2	219·2	63·5	15·7	6·5	7·1	6·8	17·8	6·2	22·0	18·7
	Narainganj	...	...	1	...	...	...	...	8·4	...	...	...	1	...	...	...	...	...	...	...	...	...	45·6	...	...	...	...	...	...	...	...
Faridpur ...	Faridpur	...	4	3	...	...	...	38·9	32·1	...	...	...	...	...	2	1	...	...	2	...	2	...	...	...	162·5	72·7	...	...	89·2	...	140·4
Backergunge ...	Barisál ...	...	...	6	...	...	...	...	45·7	...	...	1	...	1	2	...	1	1	...	...	...	265·3	...	46·0	91·4	...	16·4	20·8	...	...	...
Mymensingh ...	Nasirabad	...	4	4	...	...	...	27·1	29·3	...	...	2	...		...	...	...	3	1	1	1	470·6	...	...	...	...	...	53·5	29·5	56·4	86·1
Chittagong ...	Chittagong	...	1	16	...	...	...	9·0	51·4	...	...	1	...	3	2	1	2	3	4	1	...	92·4	...	62·4	40·4	21·5	22·5	46·8	92·2	47·9	...
Noakhali ...	Sudharam	...	..	10	...	...	...	.	205·7	...	...	3	1	2	...	...	1	2	...	1	...	2,000·0	146·1	212·2	...	...	44·4	119·1	...	164·6	...
Tippera ...	Comilla ...	..	2	8	...	...	...	17·5	56·3	...	...	3	2	1	1	...	1	1	...	...	1	525·3	79·5	31·9	35·6	...	18·8	26·1	...	...	76·7
Patna ...	Patna City	...	101	18	...	...	...	45·5	23·9	...	..	12	19	8	4	10	17	11	7	10	24	144·8	67·7	24·7	14·4	46·6	30·7	24·6	19·3	36·8	90·4
	Bihár ...	...	21	4	...	...	...	32·4	15·6	...	...	5	4	7	...	2	1	1	..	...	5	175·1	35·3	60·2	...	34·8	6·1	7·4	...	...	72·3
	Dinapore ...	...	7	2	...	...	...	9·4	88·9	...	..	2	1	...	...	...	2	2	1	1	...	71·4	9·4	...	...	...	11·3	13·7	9·2	13·7	...
Gaya ...	Gaya ...	...	51	12	...	...	...	41·2	35·8	...	...	24	3	2	2	2	3	3	5	8	11	697·2	24·6	14·9	15·5	19·9	10·6	12·3	26·6	63·3	111·1
Shahabad ...	Arrah ...	...	19	6	...	...	...	31·9	25·1	...	..	3	4	1	1	...	4	...	2	3	7	121·1	46·9	10·1	11·8	...	26·5	...	22·2	50·4	126·2
	Buxar ...	1	31	8	...	...	305·9	127·1	115·8	...	...	6	7	3	2	1	7	4	6	3	4	751·8	211·4	76·0	56·7	47·5	113·9	68·4	147·0	141·7	192·2
Muzaffarpur ...	Muzaffarpur	1	51	11	...	...	233·2	83·3	45·8	...	..	11	15	9	6	3	5	2	5	..	7	509·0	193·0	104·0	78·0	51·5	30·3	14·9	51·9	...	149·5
Darbhanga ...	Darbhanga	...	81	26	...	...	..	87·0	77·0	...	...	12	18	16	8	5	10	8	8	14	8	400·5	123·0	106·4	74·9	64·6	39·0	37·8	55·9	165·9	130·2
Saran ...	Chapra ...	.	22	4	..	...	.	28·9	17·5	...	.	4	3	...	...	4	3	4	3	2	3	147·4	31·2	...	...	59·9	16·9	26·7	25·7	25·2	45·9
Champaran ...	Motihari ...	...	4	1	...	...	..	27·7	18·8	...	..	..	1	1	1	1	1	...	...	...	...	...	53·0	47·1	38·9	78·0	25·8	...	...	...	...
Monghyr ...	Monghyr ...	...	23	4	...	...	...	26·7	16·5	...	...	6	7	2	...	1	1	2	3	..	5	210·1	58·5	14·7	...	13·8	5·0	11·7	24·5	...	72·5
	Jamálpur	...	10	2	...	...	...	52·9	33·3	..	...	2	3		1	1	...	3	1		1	263·0	102·4	...	44·2	64·5	..	64·7	37·0	...	78·0
Bhágalpur ...	Bhágalpur	1	40	14	...	...	134·7	42·5	39·6	...	...	25	20	4	1	2	4	2	1	2	4	965·9	80·1	29·4	7·2	21·0	15·9	9·5	6·8	20·5	48·3
Purnea ...	Purnea ...	...	2	2	...	...	...	11·3	18·4	...	...	1	..		...	...	1	1	...	...	1	158·7	...	...	...	...	15·8	19·2	...	...	64·4
Malda ...	English Bazar	.	2	2	..	...	...	14·3	20·2	...	...	.	1	1	...	...	...	1	...	1	...	...	54·6	34·6	...	...	...	24·2	...	69·5	...
Sonthal Parganas.	Deoghur ...	...	6	1	...	...	...	40·5	175·1	...	...	...	...	4	1	...	...	1	...	1	...	...	...	294·6	82·4	...	...	32·4	...	104·2	...
Cuttack ...	Cuttack ...	1	13	5	...	...	28·1	20·1	33·7	...	...	3		3	..	..	1	2	5	3	2	152·0	.	31·4	...	...	6·0	17·0	57·4	50·6	35·3
Puri ...	Puri ...	...	24	...	...	...	...	50·9	...	...	...	2	1	4	...	..	2	4	3	2	6	343·2	23·9	92·8	..	...	19·7	51·3	46·9	46·6	172·8
Balasore ...	Balasore	...	43	5	...	...	...	132·7	84·7	...	...	1	5	9	6	4	7	7	2	4	3	99·1	139·4	183·0	161·9	121·6	89·2	124·5	46·8	162·4	134·7
Hazáribágh ...	Hazaribagh	...	11	.	..	.	.	52·0	...	...	...	2	1	1	1	...	...	1	..	...	5	213·6	28·6	25·9	32·6	...	...	24·4	...	...	310·6
Lohardaga ...	Ranchi ...	..	3	1	...	3	...	16·9	9·6	...	66·1	1	3		...	...	...	1	..	...	2	110·6	84·7	...	..	...	.	16·9	...	...	128·2
Singhbhum ...	Chaibassa ...	...	1	...	...	...	..	10·2	...	...	..	1	...	...	...	...	...	...	...	...	...	321·0	...	...	...	...	...	...	...	...	...
Manbhum ...	Purulia ...	1	10	1	.	...	204·5	66·7	41·7	...	...	4	1	3	...	2	...	2	...	...	...	1,175·1	58·4	141·2	...	52·1	...	61·4	...	...	...
	TOTAL ...	7	914	325	2	3	23·0	30·9	34·2	61·5	32·8	213	168	120	61	79	152	121	103	92	144	278·5	58·9	35·3	20·5	31·7	22·9	21·8	26·7	39·7	72·6

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 24th May 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.,*

Sanitary Commissioner for Bengal.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 14th May 1892, on 1,552¾ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*319,378	*3,12,451 1 0	34,63,378 20	9,36,953 8 0	19,350 0 0	12,68,754 9 0	71,790½	170,431½	242,2[illegible]1½
Or per mile of railway	......	201 3 7	......	603 6 8	12 7 5	817 1 8	......	......	
For previous 18¾ weeks of half-year	5,239,440	57,72,311 7 0	5,28,10,294 10	1,27,71,8[illegible]2 8 8	3,35,870 1 9	1,88,80,004 1 5	1,402,883½	2,053,733½	3,456,567½
Total for 19¾ weeks ...	5,558,818	60,84,762 8 0	5,62,73,672 30	1,37,08,776 0 8	3,55,220 1 9	2,01,48,758 10 5	1,474,624	2,224,164½	3,698,788½
Comparison.									
Total for corresponding week of previous year	297,104	2,71,684 9 7	33,06,541 30	8,06,193 5 4	17,357 14 0	10,95,235 12 11	70,400	124,544	194,944
Per mile of railway corresponding week of previous year ...	......	178 1 6	......	528 7 8	11 6 1	717 15 8	......	......	... ...
Total for corresponding 19¾ weeks of previous year ...	5,519,578½	64,77,111 10 10	5,42,85,928 30	1,31,15,339 6 3	4,10,719 0 2	2,00,03,170 3 3	1,453,558	2,026,871	3,480,429

* The increase in coaching traffic is due to large gatherings at river side stations owing to the eclipse of the moon.

PATNA-GAYA STATE RAILWAY.

Approximate Return of Traffic for week ended 14th May 1892, on 57¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	14,073	6,590 8 0	42,089 30	3,529 5 0	49 0 0	10,168 13 0	1,557	837	2,394
Or per mile of railway	246	115 3 6	736 0	61 11 3	0 13 8	177 12 6	.....	......	.....
For previous 18¾ weeks of half-year	280,263	1,46,471 1 0	12,37,196 20	71,777 13 0	896 9 3	2,19,145 7 3	31,117	17,443	48,56
Total for 19¾ weeks ...	294,336	1,53,061 9 0	12,79,286 10	75,307 2 0	945 9 3	2,29,314 4 3	32,674	18,280	50,954
Comparison.									
Total for corresponding week of previous year	14,504½	6,780 7 4	67,038 10	4,377 7 0	36 9 0	11,194 7 4	1,641	810	2,451
Per mile of railway corresponding week of previous year ..	254	118 8 8	1,172 0	76 8 5	0 10 3	195 11 4	......	......	.....
Total for corresponding 19¾ weeks of previous year ...	346,503½	1,06,213 14 11	9,82,965 20	68,887 15 0	1,105 5 3	2,66,207 3 2	31,343	16,235	47,568

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 14th May 1892, on 22¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	20,675	5,412 6 0	5,151 20	215 15 0	8 0 9	5,636 5 0	881	87	968
Or per mile of railway	......	243 4 1	......	9 11 3	0 5 9	253 5 1	......	......	......
For previous 18¾ weeks of half-year	426,521	1,10,763 8 0	3,37,034 30	11,814 0 9	202 0 9	1,22,779 9 6	16,337	1,952	18,289
Total for 19¾ weeks ...	447,196	1,16,175 14 0	3,42,186 10	12,029 15 9	210 0 9	1,28,415 14 6	17,218	2,039	19,257
Comparison.									
Total for corresponding week of previous year	21,562½	5,545 3 5	11,724 30	394 7 0	11 4 3	5,950 14 8	884	84	968
Per mile of railway corresponding week of previous year ...	......	249 3 7	......	17 11 8	0 8 1	267 7 4	......	......	......
Total for corresponding 19¾ weeks of previous year ...	492,578	1,32,444 14 4	2,76,743 30	9,479 15 0	209 12 3	1,42,134 9 7	18,100	2,032	20,132

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 14th May 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	17,916	11,412 15 0	57,813 10	9,401 4 0	84 0 0	20,898 3 0	6,393	2,059½	8,452½
Or per mile of railway	......	70 7 2	......	58 0 6	0 8 4	129 0 0	......	......	......
For previous 18¾ weeks of half-year	301,496	2,29,278 15 0	7,88,590 20	1,50,692 8 0	1,298 15 9	3,81,270 6 9	112,225	39,240	151,465
Total for 19¾ weeks ...	319,412	2,40,691 14 0	8,46,403 30	1,60,093 12 0	1,382 15 9	4,02,169 9 9	118,618	41,299½	159,917½
Comparison.									
Total for corresponding week of previous year	14,799½	11,888 1 9	32,783 10	6,241 9 0	41 1 6	18,170 12 3	6,725	1,482	8,207
Per mile of railway corresponding week of previous year ...	......	73 6 2	......	38 8 5	0 4 1	112 2 8	......	......	......
Total from 1st March to corresponding period 11 weeks of previous year	180,647½	1,56,055 12 1	3,48,575 0	82,653 3 3	670 7 9	2,39,379 7 1	72,882	17,623	90,505

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Bihár Sections.)

Approximate Return of Traffic for week ended 14th May 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	169,005	75,330 0 0	5,07,307 0	76,410 0 0	10,050 0 0	1,61,790 0 0	27,614	27,189	54,803
Or per mile of railway	218	97 0 0	653 0	98 0 0	†2 0 0	197 0 0	......	......	......
For previous 18 weeks of half-year*	3,124,302	15,21,713 0 0	1,05,52,818 0	14,68,311 0 0	2,60,061 0 0	*32,50,065 0 0	505,378	525,127	1,030,505
Total for 19 weeks ...	3,293,307	15,97,043 0 0	1,10,60,185 0	15,44,721 0 0	2,70,111 0 0	34,11,875 0 0	532,992	552,316	1,085,308
Comparison.									
Total for corresponding week of previous year	148,564	70,751 0 0	6,02,983 0	1,12,467 0 0	15,722 0 0	1,98,940 0 0	26,984	34,673	61,657
Per mile of railway corresponding period of previous year ...	191	91 0 0	776 0	144 0 0	†5 0 0	240 0 0	......	......	......
Total to corresponding date of previous year	3,579,783	20,62,004 0 0	1,35,23,641 0	24,50,063 0 0	4,81,121 0 0	49,93,188 0 0	522,398	732,115	1,254,513

* Audited up to week ending 2nd April 1892.
† Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 14th May 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	28,010	10,220 0 0	35,824 0	3,060 0 0	50 0 0	13,330 0 0	3,500	2,172	5,672
Or per mile of railway ...	224	82 0 0	287 0	25 0 0	......	107 0 0	......	......	......
For previous 18 weeks of half-year	542,772	1,95,239 0 0	10,57,833 0	67,391 0 0	1,866 0 0	*2,64,496 0 0	65,145	38,606	103,751
Total for 19 weeks ...	570,782	2,05,459 0 0	10,93,657 0	70,451 0 0	1,916 0 0	2,77,826 0 0	68,645	40,778	109,423
Comparison.									
Total for corresponding week of previous year	27,437	9,204 0 0	85,831 0	4,846 0 0	58 0 0	14,108 0 0	3,485	2,560	6,045
Per mile of railway corresponding week of previous year ...	219	74 0 0	687 0	39 0 0	......	113 0 0	......	......	......
Total to corresponding date of previous year	598,351	2,59,962 0 0	13,70,760 0	82,358 0 0	1,363 0 0	3,43,683 0 0	68,383	44,026	112,409

* Audited up to week ending 2nd April 1892.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 14th May 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-mile run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	14,158	4,430 0 0	7,413 0	670 0 0	120 0 0	5,220 0 0	2,487	737	3,224
Or per mile of railway	165	52 0 0	86 0	8 0 0	1 0 0	61 0 0	......	......	......
For previous 18 weeks of half-year	313,394	1,00,919 0 0	2,18,830 0	19,130 0 0	2,923 0 0	*1,22,972 0 0	45,415	13,359	58,774
Total for 19 weeks ...	327,547	1,05,349 0 0	2,26,243 0	19,800 0 0	3,043 0 0	1,28,192 0 0	47,902	14,096	61,998
Comparison.									
Total for corresponding week of previous year	14,282	4,395 0 0	7,711 0	755 0 0	60 0 0	5,210 0 0	2,414	690	3,104
Per mile of railway corresponding week of previous year ...	166	51 0 0	90 0	9 0 0	1 0 0	61 0 0	......	......	......
Total to corresponding date of previous year	360,847	1,25,671 0 0	5,89,379 0	53,161 0 0	3,698 0 0	1,81,430 0 0	48,712	22,472	71,184

* Audited up to week ending 2nd April 1892.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhut State Railway.)

Approximate Return of Traffic for the week ending 7th May 1892, on 755 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Coaching.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 755 miles open	99,280	42,110	7,73,880	86,300	17,330	1,45,740	11,609	27,237	38,846
Or per mile of railway	131·50	55·78	1,025·01	114·30	22·95	193·03	......	......	......
For previous 17⅐ weeks of half-year (a)	1,613,726	7,18,362	66,97,272	9,52,929	1,98,834	18,70,125	209,528	323,742	533,270
Total for 18⅐ weeks ...	1,713,006	7,60,472	74,71,152	10,39,229	2,16,164	20,15,865	221,137	350,979	572,116
Comparison.									
Total for corresponding week of previous year on 712 miles open	102,758	40,672	4,99,686	67,620	14,557	1,22,849	11,102	21,589	32,691
Per mile of corresponding week of previous year	114·32	57·12	701·81	94·97	20·45	172·54	......	......	......
Total to corresponding date of previous year	1,788,077	7,70,377	77,89,614	11,03,824	1,77,222	20,51,423	203,102	363,383	566,485

(a) Includes audited figures up to 27th February 1892.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 7th May 1892	15,047	0	0
Corresponding period of 1891	13,890	0	0
Increase	1,157	0	0
Receipts per mile for week ending 7th May 1892	295	0	8
Corresponding period of 1891	272	5	9
Increase	22	10	11
Receipts from 1st January to 7th May 1892	1,94,651	0	0
Corresponding period of 1891	1,82,183	0	0
Increase	12,468	0	0

Printed and published by Edwin Morris Lewis at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 25th May 1892.

[REGISTERED No. 29.]

No. 22 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, JUNE 1, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

RESULTS OF EXAMINATION OF CANDIDATES FOR APPOINTMENT AS DEPUTY MAGISTRATE-COLLECTORS AND SUB-DEPUTY COLLECTORS.

RESOLUTION.

APPOINTMENT DEPARTMENT.

Dated Darjeeling, the 25th May 1892.

READ—

The Resolution of 20th July 1891, reporting the result of the examination held in March in that year, and appointing certain candidates to be probationers of the Executive Branch of the Provincial Service.

The Notification of 14th September 1891, regarding the admission of Natives of India to the Opium Department.

The Notification of 10th October 1891, publishing rules for the Subordinate Executive Service Examination of 1892.

The Reports of the Examiners at the examination held on the 28th, 29th, 30th and 31st of March 1892.

1. As the result of the examination for the Subordinate Executive Service, held in 1891, sixteen gentlemen were selected to be Probationary Deputy Collectors, three were appointed to be Temporary Sub-Deputy Collectors, and eight were appointed to be Probationary Sub-Deputy Collectors. The sixteen Probationary Deputy Collectors have in due course been appointed to be

Officiating Deputy Magistrates and Deputy Collectors, and similarly the eight Probationary Sub-Deputy Collectors have been absorbed as substantive *pro tempore* Sub-Deputy Collectors in the fourth grade. The Lieutenant-Governor is glad to say that the report furnished by their official superiors of the working of these probationary officers has been uniformly satisfactory.

2. In September 1891 it was decided that a competitive examination of Native candidates for the Opium Department would be held in 1892 at the same time and in the same subjects as the examination prescribed for candidates for the Executive Branch of the Provincial Service; and it was declared that the candidate who obtained the highest aggregate of marks would be admitted to the Opium Department and be appointed between the second and third of the three successful European and Eurasian candidates at their examination. The candidate so appointed would be considered a probationer for the first two years of his service.

3. In October it was notified that, at an examination to be held in March 1892, 20 candidates would be selected for Probationary Deputy Collectorships on a salary of Rs. 50 a month, and 10 for Probationary Sub-Deputy Collectorships on a salary of Rs. 30 a month respectively. It was announced that 10 of the probationers for Deputy Collectorships would be appointed from the first 10 candidates on the list in order of merit, that 10 would be selected by the Lieutenant-Governor either from those who are now Sub-Deputy Collectors, or from among those who have obtained a minimum of one-third of the total marks, and that from the remainder of those qualified by obtaining one-third of the total marks the Lieutenant-Governor would select 10 more candidates as probationers for Sub-Deputy Collectorships.

4. The examination so notified was held on the 28th, 29th, 30th and 31st of March 1892. No fewer than 195 competitors (of whom all except five were graduates of the Calcutta University) entered their names for the examination, and of these 190 actually appeared and sent in papers. Of these 190 candidates, 176 took up Bengali as their vernacular, 8 took up Hindustani, and 5 took up Uriya. One gentleman, Mr. J. E. Friend-Pereira, took up no vernacular. No less than 179 of the candidates have obtained the minimum of one-third marks necessary for appointment into the Subordinate Executive Service by nomination.

5. The following ten gentlemen, who stood first in order of merit, are entitled to appointments as Probationary Deputy Collectors:—

	No. of marks.
Babu Sriram Chunder Bose, B.L. ...	... 588
„ Ambica Prasad Sen, M.A., B.L.	... 580
„ Bunku Behary Dutt, B.L. ...	... 570
„ Raj Kishore Das, B.L. ...	... 562
„ Rasik Lall Sen, B.A. ...	... 541
„ Hemendra Lall Khastgir, M.A.	... 537
„ Bhabani Prosad Neogi, B.A. ...	... 522
„ Grish Chunder Nag, B.A. ...	... 517
„ Kunja Bihari Goswami, B.L. ...	... 516
„ Nogendro Chunder Sen, B.L. ...	... 513

6. Babu Nogendro Chunder Sen was a candidate for the Opium Department as well as for the Subordinate Executive Service. He has, however, intimated that he would prefer to accept an appointment in the Subordinate Executive Service. The candidate for the Opium Department who obtained the next highest aggregate number of marks is Babu Mohima Nath Bhattacharjya, B.A., who is thirteenth in the general list and obtained 500 marks. He has been offered and accepted an appointment in the Opium Department, on the conditions stated in the notification of the 14th September last.

7. Of the ten selected candidates for Probationary Deputy Collectorships, one, Babu Rasik Lall Sen, is already a third grade Sub-Deputy Collector employed under the Administration of Assam, and draws a salary of Rs. 150 a month; another, Babu Kunja Bihari Goswami, is a substantive *pro tempore* Sub-Deputy Collector in Bengal in the fourth grade, drawing a salary of Rs. 100 a month. In consideration of their position in the service, they will at once be appointed to be Officiating Deputy Magistrates and Deputy Collectors on a

salary of Rs. 200 a month. There will therefore be two vacancies among probationers selected by merit, and the two next candidates in the list who occupy a position of equality in the eleventh place will be considered as entitled to appointments as Probationary Deputy Collectors. Their names are—

	No. of marks.
Babu Nogendro Nath Mukerjea, B.L.	503
„ Brajendra Nath Roy, B.A.	503

Of these two officers, again, the latter, Babu Brajendra Nath Roy, is already a substantive *pro tempore* Sub-Deputy Collector in Bengal in the fourth grade, drawing a salary of Rs. 100 a month. He will therefore be at once appointed to be an Officiating Deputy Magistrate and Deputy Collector on a salary of Rs. 200 a month. The thirteenth candidate having selected the Opium Department, the appointment of Probationary Deputy Magistrate will devolve on the fourteenth in the list, Babu Asutosh Bagchi, M.A., who obtained 490 marks.

8. The number of candidates to be selected by the Lieutenant-Governor among those who have obtained one-third marks is fixed at ten. The choice has been carefully made with reference to the number of marks obtained, the claims upon Government of members of the candidate's family, and the interests of different classes of the community. The following are the candidates selected for appointment as Probationary Deputy Collectors:—

Babu Ramani Mohun Das, M.A.	Babu Nogendro Nath Mittor, B.A.
„ Ramapati Chatterjea, B.L.	Moulvie Syed Abdul Malek, B.A.
„ Harendra Kumar Ghose, B.A. (I).	„ Mohiuddin Ahmed, B.A.
„ Nikhil Nath Roy, B.L.	„ Abdul Kadir, B.A.
„ Basanta Kumar Raha, B.L.	Mr. J. E. Friend-Pereira, B.A.

9. Of those, Babu Harendra Kumar Ghose is already a substantive *pro tempore* Sub-Deputy Collector of the fourth grade drawing a salary of Rs. 100 a month. He will therefore be at once appointed to be an Officiating Deputy Magistrate and Deputy Collector on Rs. 200 a month. To fill the vacancy created by this appointment Babu Uma Prasanna Guha, M.A., is selected as a Probationary Deputy Collector. Mr. Friend-Pereira, although he took up no vernacular language, obtained the highest marks in English Essay of any candidate. He is now a member of the Subordinate Executive Service, fourth grade, under the Administration of Burma, on a salary of Rs. 150 a month, and will therefore also be appointed to be an Officiating Deputy Magistrate and Deputy Collector on Rs. 200 a month. To fill the vacancy thus caused, Babu Jagadis Chunder Sen, M.A., is selected as a Probationary Deputy Collector.

10. All these probationary officers will receive a salary of Rs. 50 per mensem, and if the report from the districts where they are stationed is favourable they will, after such period of probation as may seem advisable, be appointed to be Officiating Deputy Magistrates and Deputy Collectors as vacancies occur. They will not ordinarily be vested with magisterial powers until they are so appointed. Separate orders will now at once be passed posting all the gentlemen above named to districts.

11. There are at the present moment 41 Officiating Deputy Magistrates and Deputy Collectors, or eight in excess of the vacancies in the several grades. But against this excess there is a deficiency in the number of officers sanctioned for Covenanted appointments, which, under the orders of the Government of India, may be supplied by appointments in the Subordinate Executive Service. The deficiency in the Covenanted Service consists of 23 officers, and deducting from this number the eight Officiating Deputy Magistrates in excess, the number of officers still short is fifteen. Leaving a margin of ten to provide for officers returning from leave or deputation, five appointments are available in the grade of Officiating Deputy Magistrates, which can now be filled up by the promotion of Sub-Deputy Collectors.

12. The Lieutenant-Governor has decided in this connection that the claims of Special Deputy Collectors who are appointed for specific temporary work should receive the first consideration. These officers are now always carefully chosen from among the grades of Sub-Deputy Collectors, and although the work done by them is in theory of a temporary nature, experience has shown

that there is enough of it to furnish continuous employment for a considerable number of officers. It is only fair to them that they should receive a preferential claim among Sub-Deputy Collectors for promotion to be Officiating Deputy Collectors in the regular line. Such officers, when included in the regular cadre of the Subordinate Executive Service, will not be indefinitely detained on special duty, but will be transferred to general employment as soon as possible: until, however, they can be so transferred they will be seconded. Under these orders the following Special Deputy Collectors are now appointed to be Officiating Deputy Collectors, but so long as they remain employed on their special work they will be seconded in the regular line of the service:—

Babu Behari Lall Mukerjea, B.A. ...	Employed on land acquisition work in North Bihár.	
" Jadu Nath Sircar ...	Ditto	revaluation work in Manbhum.
" Prosunno Kumar Bose ...	Ditto	income-tax work in Calcutta.
" Surjya Kumar Das ...	Ditto	batwara work in Mymensingh.
" Satya Taran Mukerjea ...	Ditto	revaluation work in Burdwan.

13. These officers will now be severally seconded in the regular line by the appointment of Babus Rasik Lall Sen, Kunja Behari Goswami, Brajendra Nath Roy, Harendra Kumar Ghose, and Mr. J. E. Friend-Pereira, who, under orders contained in this Resolution, have been appointed to officiate as Deputy Magistrates. They should all of them revert to general duty when they have finished the special work on which they are engaged, or arrangements have been made for relieving them of it.

14. The following are the ten candidates selected by the Lieutenant-Governor from among those who have obtained one-third marks to be Probationary Sub-Deputy Collectors:—

Babu Charu Chunder Chatterjea, B.A.	Babu Abhay Prosad Das, B.A.
" Makhan Lall Chatterjea, M.A.	" Jadu Nath Chatterjea, M.A.
" Hem Chunder Chatterjea, M.A., B.L	Moulvie Syed Ahmad Ali Khan, B.A.
Mr. Rowland Nagendro Lall Chandra, M.A.	" Afsaruddin Mahomed, B.A.
Babu Narendro Kumar Ghose, M.A.	" Gholam Ghous, M.A.

15. These probationary officers will receive a salary of Rs. 30 per mensem at present, and will, if they are satisfactorily reported on, be gradually absorbed into the fourth grade of Sub-Deputy Collectors as vacancies occur. Separate orders will at once be passed posting them to districts.

ORDER.—Ordered that the above Resolution be published in the *Calcutta Gazette.*

By order of the Lieutenant-Governor of Bengal,

H. J. S. COTTON,

Offg. Chief Secy. to the Govt. of Bengal.

RESOLUTION ON THE REPORT ON THE CALCUTTA MEDICAL INSTITUTIONS FOR THE YEAR 1891.

MUNICIPAL DEPARTMENT—MEDICAL.

Darjeeling, the 28th May 1892.

RESOLUTION No. 157T.—M.

READ—

The Report on the Calcutta Medical Institutions for the year 1891.

Read also—

The Report for the year 1890 and the Resolution recorded thereon.

The year 1891 was more unhealthy for the Town than the previous year, the number of deaths reported for Calcutta, Howrah, and the Suburbs being 23,650 in 1891, against 22,241 in 1890. Cholera prevailed with great severity during the early part of the year, owing, it is said, to the large influx of pilgrims and others into Calcutta during the Ardhodoy Jog festival. The mortality from this cause in the Town of Calcutta alone rose from 963 in 1890 to 1,553 in the year under report, while that for the combined area, including Calcutta, Howrah, and the amalgamated Suburbs, rose from 2,243 to 3,445. The mortality from fever was again above the average, exceeding that of the previous year in the combined area by 1,094. There was a marked diminution, however, in the mortality from small-pox, and the entire area appears to have enjoyed a comparative immunity from this disease. The deaths from other causes remained practically the same.

2. The following statement shows the number of indoor and outdoor patients treated in the several hospitals and dispensaries during the past two years:—

Name of Institution.	1890.								1891.							
	Indoor.			Outdoor.		Total number of patients treated, both indoor and outdoor.	Total number of deaths among indoor patients.	Percentage of deaths on total number of indoor patients treated.	Indoor.			Outdoor.		Total number of patients treated, both indoor and outdoor.	Total number of deaths among indoor patients.	Percentage of deaths on total number of indoor patients treated.
	Number treated.	Daily average.	Number of beds available.	Number treated.	Daily average.				Number treated.	Daily average.	Number of beds available.	Number treated.	Daily average.			
Medical College Hospital ...	6,741	354·16	407	52,108	395·59	58,849	539	9·26	6,803	371·77	440	56,227	407·36	63,030	632	10·07
Presidency General Hospital ...	3,105	151·23	238	......	......	3,105	112	3·60	(b) 2,928	144·63	238	......	......	2,928	127	4·33
Campbell Hospital ...	8,415	451·64	Not stated.	......	......	8,415	1,708	20·29	(c) 9,088	427·08	588	......	......	9,088	1,711	18·82
Police " ...	2,593	95·48	175	......	......	2,593	21	·8	(d) 2,468	95·63	175	......	......	2,468	24	·97
Mayo Native " ...	1,814	83·8	105	27,976	184·4	29,790	226	12·45	1,884	82·2	105	28,700	181·4	30,584	295	15·65
Chandney " ...	326	11	10	40,176	330·77	40,502	13	3·98	391	12·89	12	42,998	384·98	43,389	10	2·55
Park Street Dispensary ...	......	......	......	29,300	199·3	29,300	...	......	......	......	..	29,901	206·3	29,901	.	......
Chitpore " ...	......	......	......	19,777	138·3	19,777	...	......	......	......	...	22,262	172·4	22,262	...	..
Sukea's Street " ...	......	......	......	17,620	143·66	17,620	...	......	......	......	.	18,589	150·80	18,589	...	......
Bhawanipur " ...	......	......	......	10,694	75·97	10,694	...	..	......	......	...	10,884	83·26	10,884	...	......
Total Calcutta Hospitals and Dispensaries ..	22,994	1,147·31	......	197,651	1,467·09	220,645	2,049	(a) 11·83	23,562	1,134·19	1,567	209,561	1,586·50	233,123	2,799	(a) 12·15
Howrah General Hospital	1,368	55·62	100	10,422	85·15	11,790	301	22	1,756	71·48	109	10,257	85·48	12,013	371	21·12
GRAND TOTAL ...	24,362	1,202·93	...	208,073	1,553·14	232,435	2,950	12·11	25,318	1,205·67	1,676	219,818	1,671·98	245,136	3,170	12·78

(a) Reckoned on cases treated exclusive of those treated in the ophthalmic ward of the Medical College Hospital.
(b) Exclusive of 214 cases of no appreciable diseases.
(c) Ditto 39 ditto ditto.
(d) Ditto 20 ditto ditto.

There was an increase in the number of patients treated in all the hospitals with the exception of the Presidency General and Police Hospitals. The decrease in the number of patients treated at the Presidency General Hospital is said to have been due to there having been a smaller number of vessels in port, and consequently fewer seamen admitted to hospital; while in the case of the Police Hospital the decrease is ascribed to the absence of any outbreak of influenza. The total number treated, including both indoor and outdoor patients, rose from 232,435 to 245,136; the daily average of outdoor patients increased from 1553·14 to 1671·98, and that of indoor patients from 1202·93 to 1205·67. During the year an outdoor department was opened at the Eden Hospital, and though the attendance was not as large as might have been expected, there is every reason to believe that it will improve as the dispensary comes to be more generally known.

Of the total number of patients, both indoor and outdoor, treated in all the hospitals during the year, 153,705 were men, 34,678 women, and 56,753 children. The corresponding figures for the previous year were 143,722, 33,017 and 55,696. More than 50 per cent. of the patients treated were Hindus, next in order coming Muhammadans, Eurasians, Europeans, and other classes. Fewer Europeans sought relief at the hospitals during 1891 than in the previous year.

3. The death-rate among all the patients under treatment during 1891 was 127 per mille against 124 in 1890, excluding the patients treated for eye-diseases. This includes deaths from cholera, without which the death-rate would be 113 against 114 per mille. The average death-rate in English hospitals is stated to be 80 per thousand, and in French hospitals 95. In 1882 the death-rate in St. Bartholomew's Hospital in London was as high as 120, the Edinburgh rate being 105. As in the previous year, the death-rates were highest in the Howrah and Campbell Hospitals, which is natural, seeing that these are the refuges to which emigrants taken ill in the depôts, moribund cases found in the streets, and pauper patients generally are sent. Last year's Report and Resolution drew attention to the fact that the death-rate in our hospitals was persistently higher among girls than boys. This year this inequality has been removed, as the following statement shows :—

		Admissions.		Deaths.		Death-rate per mille.	
		Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
1888	...	662	647	74	73	111·7	112·8
1889	...	797	776	77	99	96·6	127·5
1890	...	950	701	78	99	82·1	141·2
1891	...	1,006	793	110	86	109·3	109·2

The combined ratio of 109·3 per thousand is very little in excess of 108, the ratio of mortality among children in French hospitals during 1885.

4. There were only 21 cases of small-pox treated during the year, against 321 in the previous year; all the cases were admitted into the Campbell Hospital, and five proved fatal. The number of admissions for cholera was 761 against 528 in 1890; nearly half of this number were treated in the Campbell Hospital. In 455 cases, or 59·7 per cent. of the whole, the disease proved fatal. The number of cholera cases treated in the Presidency General and Howrah Hospitals was comparatively small. The Inspector-General states that there was no outbreak of the disease, such as occurred in 1890, among the patients under treatment in these hospitals, and claims this as due to the improvement in the drainage system. Cholera has, however, shown itself since the close of the year under report, and this has led to the discovery of further defects in the sanitary arrangements at these hospitals. The Lieutenant-Governor trusts that the matter will be made the subject of careful investigation. The cause of the prevalence of cholera in the Campbell Hospital is said to have been traced to the bad quality of the milk used by the patients, the theory being that the supposed germ of cholera is communicated by means of water used to adulterate the milk. The Inspector-General, however, thinks that the defective condition of the latrines may have had something to do with it. He maintains that the occurrence of an outbreak of cholera in a hospital among the patients under treatment for other diseases is always an indication of grave sanitary defects of some kind or other, thus implying that if the cause is removed the effect can also be prevented; and his opinion must necessarily carry great weight with the profession. There is, however, another school which holds that cholera is communicated through the air, and its supporters sometimes go so far as to maintain that it is as idle to seek for the causes of cholera as to enquire why the bullets of the garrison strike down one man rather than another on the glacis of a besieged fort. However this may be, the fact remains that the cause of cholera has not yet been conclusively traced. Attention has been drawn by the Inspector-General to "the practical immunity of the European residents of Calcutta of late years from cholera" as an illustration of what may be effected by improved sanitary surroundings. This, if it be a fact of permanent duration, is an important piece of evidence, but though the statement may be broadly true, it is certainly subject to a considerable number of exceptions. Dysentery and diarrhœa

were somewhat more prevalent than in the previous year, but the rate of mortality from these causes was less. Malarial fever was slightly less prevalent among the indoor patients treated during 1891 than in 1890, the figures for the two years being 4,235 and 4,366 respectively. The number of deaths from this cause was, however, heavier than in the previous year, the figures being 398 against 289. The number of cases of venereal diseases treated at the hospitals declined from 12,326 in 1890 to 11,866 in 1891. The difference is, however, too small to warrant the opinion that these diseases are less prevalent now than they were before. A comparison with the figures of previous years would have been useful, but the Inspector-General explains in paragraph 23 of the report that no comparison can be made with the prevalence of the disease previous to 1890, as in that year the nomenclature was changed. If so, a grave responsibility rests on those authorities who by a change in nomenclature have obscured statistics important to science. The number of cases of leprosy treated during the year was 134, of which 122 were admitted into the Campbell Hospital. Before such cases are admitted into this hospital in future, it should be ascertained whether no accommodation can be found for them in the Leper Asylum. There were 26 cases of enteric fever under treatment during the year, of which 9 proved fatal. This is the highest number on record since 1877. Experience shows that it is confined chiefly to Europeans.

5. The number of important surgical operations performed during the year was 2,221 against 2,080 in 1890. The revised classification prescribed by the Government of India was adopted in 1891, with the result that some institutions returned a larger number of major operations than before, while others returned less. This is shown in the cases of the Mayo and Medical College Hospitals, where the number of major operations are placed at 451 and 1,225 respectively, against 189 and 1,447 in 1890. Changes in classification which produce such results as this may be necessary, but they are very inconvenient, preventing the possibility of comparing the work of one year with another. The number of minor operations was 20,275 against 19,956. Death ensued in 107 against 88 of the cases in which major operations were performed, giving a death-rate of 45 per mille against 39 in 1890. The number of dental operations performed was 2,431 against 2,320. The statistics show that the number of Eurasians applying for dental treatment far exceeded that of other classes, and Mr. Woods, the Professor of Dentistry at the Medical College, has, it is said, observed that the teeth of mixed races are more prone to decay than those of other classes. This may possibly be a fact, but it is not established by the figures given in the report, which do not show the ratio to the total population borne by the classes referred to. In the case of Hindus, who are stated to be the next most frequent applicants for relief, decay of the teeth is said to be on the increase, and is attributed by the Professor of Dentistry to the influence of advancing civilization. The subject does not appear yet to have got beyond the stage of plausible conjecture.

6. In the Eden Hospital 1,485 women and 326 children were treated during the year, against 1,409 and 363 in 1890. Of the total number of patients treated, 979 were Europeans and 832 Natives, against 1,024 and 748, the corresponding figures for the previous year. The number of deaths among the Europeans was 32 against 27, and that among the Natives 65 against 42. The increase in the mortality among both classes of patients is attributed to the number of moribund cases admitted. There were 542 confinement cases against 442 in the previous year, of which 21 terminated in death against 10. Dr. Joubert remarks that among the native women there was an unusual number of bad labour cases, which he regards as a hopeful sign, indicating the growing popularity of the hospital with the native community. The number of cases of septicæmia increased from 15 to 24, of which eight originated in the hospital. It is hoped that the special precautions which are reported to have been taken to guard against this malady will reduce the number of such cases in future. The arrangements for supplying hot food and hot water in this hospital are said to be still very defective, although attention was drawn to them in the report for 1890. The Lieutenant-Governor trusts that the Principal will take steps to remedy this state of things, which is likely to impair the reputation and popularity of the hospital.

7. During the year the Shama Churn Law Eye Infirmary was opened, and all cases which were formerly treated in the ophthalmic wards of the Medical College Hospital were transferred to it. As a separate institution, the Eye Infirmary appears to have attracted more patients, the number of those seeking outdoor relief having increased from 10,466 to 11,389. The number of indoor patients was 504 against 563 in 1890. Most of the operations performed during the year consisted of cataract extraction, the percentage of success being 66·79, against 68·81 in 1890.

8. The number of Jewish patients, both indoor and outdoor, treated at the Ezra Hospital increased during the year. The outdoor patients numbered 2,279 with a daily average of 12·63, against 1,633 with a daily average of 9·3 in 1890. The indoor patients numbered 342 with a daily average of 16·73, against 248 with a daily average of 11·33.

9. The nursing arrangements at all the hospitals, especially at the Presidency General, Medical College, and Eden Hospitals, are reported to have been satisfactory. Thirteen pupil-nurses and eight pupil-dhais passed out of the Eden Hospital during the year, which speaks well for the training received by them at this institution.

10. The invested capital of the hospitals increased from Rs. 5,77,000 to Rs. 5,83,000. More than half of this belongs to the Mayo Institutions, and the increase during the year was due to the munificent gift of Rs. 10,000 made by Maharaja Bahadur Sir Jotendro Mohun Tagore to the Mayo Native Hospital. Securities to the value of Rs. 4,000 were sold during the year out of the capital of the Howrah General Hospital to meet the cost of quadrennial repairs. The following statement compares the main heads of income and expenditure of the hospitals for the past two years:—

Income.

	1890.	1891.
	Rs	Rs.
Opening balance	15,896	16,289
From Government	3,17,037	3,21,845
Local Funds	65,443	67,527
Municipal Funds	34,347	34,621
Interest on investments...	24,917	27,998
Sale of securities	......	4,173
Subscriptions—		
Europeans	10,659	12,319
Natives	1,512	11,696
	1,36,878	1,58,329
Total ...	4,69,811	4,96,468

Expenditure.

	1890.	1891.
On establishment	1,88,857	1,86,736
" bazar medicines	4,321	4,216
" Europe "	24,195	23,708
" diet	1,07,493	1,12,221
" miscellaneous charges	61,414	75,786
" buildings and repairs	67,242	66,776
Invested during the year	......	10,000
	4,53,522	4,79,443
Closing balance	16,289	17,020
Total ...	4,69,811	4,96,463

11. The total income of the year, excluding the opening balance, was Rs. 4,80,174, which exceeds that of the previous year by Rs. 26,259. The increase occurred under all heads of income, except Europe medicines, but was mainly due to the donation of Rs. 10,000 above mentioned given to the Mayo Hospital. The Lieutenant-Governor is glad to notice the improvement in the amount of subscriptions realized from Europeans as well as Natives. The

contributions from Local Funds increased by Rs. 2,000, but little or no advance was made in the amount contributed from Municipal Funds. The total expenditure of the year exceeded that of the previous year by Rs. 15,920, the excess being chiefly on account of diet and miscellaneous charges. In the Medical College Hospital alone there was an increase of Rs. 4,412 in the expenditure on diet, and in the Presidency General Hospital the miscellaneous charges exceeded those of the previous year by Rs. 11,847. This, it is explained, was due to the payment of rates and taxes for the year 1891 and the previous year, the payment of the value of clothing purchased in 1890, and repairs and improvements to the hospital. In Statement V, Part I, appended to the report, the average cost of each diet during the year is shown to have been as follows:—

	Europeans. A.	Europeans. P.	Natives. A.	Natives. P.
Medical College Hospital	6	9½	3	1¾
Presidency General "	8	9	......	
Campbell "	......		2	3½
Police "	......		2	4
Mayo Native " ... ... } Chandney " ... ... }	......		3	7
Howrah General "	8	6	2	3

No explanation has been offered of the varying cost of a diet in the different hospitals. The averages for Europeans are said to include the cost of diet for paying as well as non-paying patients, and it is also added that the maximum of eight annas for non-paying patients was never exceeded. Nothing has, however, been said in respect of the averages for Natives. The Lieutenant-Governor would be glad to have a fuller explanation of these figures furnished in future reports. The excess expenditure of Rs. 698 incurred under the head of establishment in the Campbell Hospital is said to have been partly due "to the furlough allowance of the Superintendent from 1st January to 13th November having been debited against the hospital." It is not understood how these charges come to be debited to the hospital, as furlough allowances when drawn in England are adjusted between the Government of India and the Secretary of State. The Inspector-General will be asked to look into this point. In future reports it should be stated which of the Calcutta hospitals have been personally inspected by the Head of the Medical Department during the year.

12. The thanks of the Lieutenant-Governor are due to Dr. Hilson, the Inspector-General of Civil Hospitals, for his report and the promptness with which it is submitted, which is the more commendable, as the statements were entirely changed and fuller information had to be furnished on several points not noticed in former reports.

ORDER.—Ordered that a copy of this Resolution, with a copy of the Report, be submitted to the Government of India for information.

Ordered also that a copy of this Resolution be forwarded to the Inspector-General of Civil Hospitals for information and guidance, and that a copy of this Resolution and of the Report be forwarded to the Chairman of the Corporation of Calcutta, the Commissioner of Police, Calcutta, the Governors of the Mayo Hospital, the Commissioner of Burdwan, and the Sanitary Commissioner, Bengal, for information.

Ordered also that this Resolution be published in the *Calcutta Gazette.*

By order of the Lieutenant-Governor of Bengal,

H. H. RISLEY,

Offg. Secretary to the Govt. of Bengal.

RESOLUTION ON THE ADMINISTRATION REPORT OF THE JAIL DEPARTMENT FOR THE YEAR 1891.

No. 129P.D.

RESOLUTION.

JAILS.

Dated Darjeeling, the 28th May 1892.

READ—

The Report on the Administration of the Jail Department for the year 1891.

Read also—

The Reports for the years 1889 and 1890, and the orders of Government recorded thereon.

Dr. Lethbridge was in charge of the Department throughout the year, except for 2½ months when he was absent on special duty, and Mr. A. D. Larymore, Superintendent of the Alipore Jail and Deputy Inspector-General of Jails, was in charge. Since the close of the year, Dr. Lethbridge has been appointed Superintendent of Thuggee and Dacoity Operations, and his place as Inspector-General of Jails has been taken by Surgeon-Major D. W. D. Comins. In order to leave no arrears of work to his successor, Dr. Lethbridge completed his report for the year 1891 before making over charge, and this report, which is due to Government on the 15th April, was received in print on the 8th of that month.

2. Dr. Lethbridge opens his report with some figures to show the progress made in the Department during the 14 years it has been under his control. This comparison gives the following results:—

	1873—1877.	1887–1891.
Gross expenditure, excluding jail buildings	Rs. 12,81,699	Rs. 11,04,208
Annual cost of rations per head of jail population	„ 28-0-5	„ 23-0-3
Cash earnings per head for each convict sentenced to labour ...	„ 13-13-0	„ 22-7-0
Punishments by flogging ...	3,447	266
Escapes of convicts ...	85	15
Death-rate among all classes of prisoners per mille ...	51·1	37·2

These figures show sufficiently clearly the great improvement which has taken place in jail administration during the past 15 years. Admitting that many of the changes which have taken place are due to the greater attention given of late years by this Government and the Government of India to the subject of jail management, the Lieutenant-Governor has no reason to doubt that the chief portion of the credit for the great advance which has been made is due to the able manner in which Dr. Lethbridge has performed the duties of his office.

3. *Judicial statistics.*—During the year the Naya Dumka Subsidiary Jail was converted into an intermediate jail, thus raising the number of jails in the province from 45 to 46. The Rajmahal lock-up having been converted into a subsidiary jail, the number of such jails remains at 86, as last year. The Tippera Jail, which was an intermediate jail during the year under review, has, since the close of the year, been made a district jail. The total number of all classes of

prisoners in jails and subsidiary jails, together with corresponding figures for the previous nine years, is shown in the following table:—

	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.
Number of prisoners of all classes in jails and subsidiary jails on the last day of previous year	16,367	15,595	14,718	15,354	15,076	14,029	13,210	13,985	15,048	15,211*
Total number admitted during the year	77,981	74,643	80,852	80,853	77,966	76,664	81,136	84,639	80,959	87,925
Total ...	94,348	90,238	95,570	96,207	93,042	90,293	94,346	98,624	96,007	103,136
Total discharged ...	78,753	75,520	80,216	81,131	78,413	77,083	80,361	83,576	80,800	86,546
Balance at the end of the year	15,595	14,718	15,354	15,076	14,029	13,210	13,985	15,048	15,207	16,590
Daily average of all classes ...	16,155	15,026	15,101	15,177	14,806	12,250	13,731	15,026	14,777	15,916

* Two prisoners (one convict and one under-trial) who remained on the 31st December 1890 at the Dum-Dum subsidiary jail, and two convicts who were confined at the Rajmahal Magistrate's hájat on the 31st December 1890, before it was converted into a subsidiary jail, were not accounted for in the statistics for 1890.

From these figures it appears that the number of admissions during the year was larger than in any other of the past ten years, while the number of prisoners remaining in custody at the end of the year was larger than in any year since 1880. The increase in admissions is spread equally over under-trial prisoners, convicts, and civil prisoners. No satisfactory explanation of this increase has been furnished: there was on the whole no greater scarcity in 1891 than in 1890, and there is no reason to suppose that police activity was greater than in previous years.

4. *Numbers in different classes of jails.*—Of the total daily average of 14,449 convicts, 53·40 per cent. were confined in central jails, 44·29 in district jails, and 2·31 per cent. in subsidiary jails. The daily average number of convicts in central jails was 7,716 against 7,313 in 1890, and the Inspector-General reports that these jails were kept absolutely full throughout the year. No doubt it is the proper policy to keep the central jails always full, as in them the maintenance of discipline is better and the work of the prisoners more profitable than in the smaller jails. Dr. Lethbridge remarks that if the increase in jail population continues, it will become necessary to convert some of the existing intermediate jails into district jails, and that it will be impossible to carry out the suggestion made by the Prison Committee that only prisoners with sentences of one year or upwards should be confined in central jails. However this may be at the present time, the number of prisoners in district and intermediate jails should be kept down as far as possible in ordinary seasons, and it is certain that many district jails are as a rule not nearly full.

5. *Releases.*—The following table compares the releases under the various heads with the figures for the six previous years:—

	1885.	1886.	1887.	1888.	1889.	1890.	1891.
Released on expiry of sentence	27,379	27,125	21,328	26,452	28,754	28,464	26,878
" on appeal	1,750	1,845	1,903	1,980	1,942	2,038	2,120
" under remission rules	1,565	1,673	1,017	1,352	1,575	1,622	1,661
" on medical grounds	22	26	28	33	37	39	105
" on other grounds	75	27	6,484	88	2	9	9

During the year the views expressed by the Lieutenant-Governor in the Resolution on the Jail Administration Report of 1890, regarding the release of moribund prisoners, have been brought into effect, and the number of releases in such cases rose from 39 in 1890 to 105 in 1891. No formal alterations in the rules were, however, made till February of the present year, when a rule was issued by which moribund prisoners, who have not been sentenced to imprisonment for a period exceeding 7 years for any very heinous crime or series of crimes, may, when they have friends who will be responsible for their safe keeping, be released on the order of the Magistrate of the district, if the unexpired portion of their sentence does not exceed six months, and in other cases on the orders of Government. It has been clearly explained that the change in the rule has been made not with a view to prevent the jail mortality from being unduly swelled, but from motives of humanity, that the prisoner may have the

consolation of dying at home. The former rule on this point was that such releases could only be made where the release of the prisoner was reasonably likely to save his life.

6. *Numbers transported and executed.*—The number of transportations from Bengal to the Andamans fell from 157 in 1890 to 90, of whom only 7 were females, during the year under review. There were 37 executions during the year, compared with 26 of 1890 and 17 in 1889.

7. *Burman convicts.*—The total number of Burman convicts confined in the Bengal jails at the close of the year was 387, against 470 remaining at the close of 1890. There were nine deaths among these convicts, against 15 in the preceding year. Ninety-two were despatched to Rangoon and four were discharged locally, while 22 were received against 20 in 1890. The number of offences committed by Burman prisoners was 699 as compared with 953 in the previous year, and the number of offences connected with work fell from 452 to 251. This is accounted for by the promotion of a larger proportion of the convicts to be convict warders.

8. *Classification of convicts.*—Of the 34,814 convicts admitted direct into jail, 19,872 or 57·08 per cent. were Hindus, 13,535 or 38·88 per cent. were Muhammadans, and 299 or ·86 per cent. were Christians, the balance being aboriginals, Buddhists and Jains. The number of juveniles under 16 years of age admitted to jail was 371 or 1·06 per cent. of total admissions, as compared with 374 or 1·14 per cent. in 1890. The number of prisoners previously engaged in agricultural pursuits rose from 19,021 or 60·47 per cent. in 1890 to 21,282 or 63·44 per cent. in 1891. The number of female convicts admitted direct to jail was 1,265 as compared with 1,431 and 1,503 in 1890 and 1889 respectively.

9. The number of re-convicted prisoners admitted into jail was 3,226 or 9·26 per cent. of the total number, against 3,331 or 12 per cent. in 1890. Of these, 2,305 had one previous conviction, 558 two previous convictions, and 363 more than two previous convictions. During the year the organization of the anthropometric system for the identification of habitual offenders, which has been made over to the Police Department, made considerable progress, and all the important criminals in the central jails have already been measured. The number of persons sent to jail in default of giving security for good behaviour rose from 1,303 to 1,448.

10. *Sentences of convicts.*—A steady increase in the proportion of prisoners with short sentences has been noticed for some years; of 15,429 convicts confined in the jails on the 31st of December 1891, 7,993 or 51·8 per cent. had sentences not exceeding one year, as compared with 6,679 or 47·6 per cent. in 1890. In last year's Resolution it was noticed that in many cases simple imprisonment was ordered where the proper punishment would have been rigorous imprisonment; and during the year under review, while the total number of sentences increased by nearly 2,000, sentences of simple imprisonment fell from 2,557 to 2,472. There appears, however, still to be room for considerable improvement in this direction, and an impression still exists among some Magistrates that if a prisoner is too old and weak to be capable of much labour, he should be sentenced to simple imprisonment. This is a mistake. In such cases the sentence passed should be one of rigorous imprisonment, and it should be left to the Jail officials to employ the prisoner on some light labour suitable to his strength. Dr. Lethbridge again calls attention to the very small number of sentences of rigorous imprisonment with solitary confinement, viz., 56 against 30 in 1890. The Lieutenant-Governor has himself noticed that the cells appear to be used almost solely for the purposes of jail punishment, and hardly ever as a part of a sentence. In other provinces this form of punishment is freely used in criminal courts, and Sir Charles Elliott sees no reason why it should be otherwise in Bengal. The number of sentences of imprisonment with whipping rose from 90 in 1890 to 95 in 1891. The number of convicts whipped under judicial sentences rose from 1,329 to 1,528, while the number of boys under 16 ordered by judicial courts to be whipped fell from 500 to 458.

11. *Under-trial prisoners.*—The number of under-trial prisoners admitted during the year was 30,304, and there were 1,099 prisoners under trial at the close of the year 1890, against 1,089 at the end of 1891. Of these 15,036 or 49·6 per cent. were finally convicted. The number of admissions was greater

than in any of the preceding ten years. There were 33 escapes during the year among under-trial prisoners. Of these, one was from the intermediate jail at Malda, and the rest from subsidiary jails. Of the escaped prisoners, nine remained uncaptured at the end of the year.

12. *Detention of under-trial prisoners.*—The average period of detention in Sessions cases for the whole province was 48·96 days as compared with 45·88 days in 1890. Of the 16 districts with the worst average in this respect, all but two are under a Judge who also holds Sessions in another district. The average detention in cases before Magistrates fell from 13·28 days in 1890 to 11·96 days in 1891. In the cases of Champaran and Khulna, the average detention of such prisoners was less than 3 days, which is a remarkably low figure. The unnecessary postponement of cases is a subject to which the Lieutenant-Governor has given much attention, and His Honour has every reason to hope that, as anticipated by the Inspector-General, there will be a further improvement in regard to the detention of under-trial prisoners during the present year.

13. *Civil prisoners.*—There were 73 civil prisoners in confinement on the last day of 1890, and the number of admissions during 1891 was 1,089, against 969 in 1890. Of the total number, 15 were transferred, 1,074 were released, and two died of cholera.

14. *State prisoners.*—Three Lushai chiefs sent down by the Assam Government were received in the Hazáribágh Jail. Two of these men committed suicide by hanging themselves with ropes made from their clothing. The remaining chief was in jail at the close of the year, and was in good health. Twenty-one prisoners from Manipur passed through the Alipore Jail on their way to the Andamans.

15. *Jail buildings.*—The total expenditure during the year was Rs. 2,08,705, of which Rs. 1,35,190 were spent on Original Major Works. In future years the Inspector-General will receive a fixed grant for Original Works, which has been fixed at Rs. 1,00,000 for the year 1892. Within these limits the selection of the most urgent among the works which have received administrative sanction will be made by the Inspector-General at his discretion. The subject of jail buildings is one to which great attention has been paid during the year. It is the Lieutenant-Governor's opinion that there has been some unnecessary expenditure on jail construction in Bengal, and especially in subsidiary jails, due to the prevalent conviction that all jail buildings must be of masonry work. For the subsidiary jails, which on an average contain four convicts and six under-trial prisoners, the cost of construction on the standard plan has been from Rs. 15,000 to Rs. 20,000 apiece, and the expenditure during the past year was Rs. 64,272. Not only are the surrounding walls and the sleeping barrack high and of masonry, but the very workshed under which the oil-mill stands, the sheds for warders, and even their cooking sheds must also be of masonry work. Expenditure has thus increased through the mistaken belief that it is cheaper to build with brick and avoid subsequent repairs, whereas in fact the mere interest on the cost of a *pucka* building is often equal to the whole cost of a *cutcha* one, and in all cases exceeds the cost of the annual repairs to the latter. In these respects His Honour has spared no effort to introduce a more economical spirit. Since, however, these jails are being built on a standard plan, and only a small number remain to be constructed on this system, His Honour has agreed for the sake of uniformity to allow these to be completed on the same general plan, only modifying some of the details.

16. *Guards.*—The total strength of the warder-guard now stands at 1,607 men of all grades. The system by which a small monthly sum is deducted as security from the salary of each warder was continued during the year, and is reported to have an excellent effect on the men. The new organization referred to in last year's Resolution, by which every warder on first appointment in the department has to serve in a central jail, was worked throughout the year with success, and Dr. Lethbridge unhesitatingly expresses the opinion that this arrangement has improved, and will, in future, very materially improve the discipline and efficiency of the warder guard. The loss of efficiency in the guards of central jails, which might be expected to result from this system, has, as far as possible, been avoided by keeping the best warders of the higher grades at the central jails, and by insisting that before admission to the permanent establishment at a central jail, every warder shall have undergone a period of

training and probation as an apprentice on subsistence allowance in a district jail. An important point in connection with this reorganization scheme is the uniting of all the head-warders and warders of the jails affiliated to one central jail into one establishment. On this subject Dr. Lethbridge writes as follows:—

"I trust I may be pardoned if I take this my last opportunity of referring to this subject, to bring prominently to notice one important and essential feature which should never be lost sight of in the working of this system. The head-warders and warders of all the jails affiliated to a central jail must be made to know and appreciate the fact that they belong to one establishment; that all the appointments in that circle are open to them; and that the Superintendent of the Central Jail has the power, on the recommendation of their immediate superior, to promote them to any vacancy in a jail in that circle, to which their standing and good services give them a claim. The promotion board which has been devised for this purpose enables the Superintendent of a Central Jail to consider the claims of each warder, but the fact that such a record exists does not satisfy the warders in distant jails that their claims have received consideration when promotions have been made, because the men are usually not aware of their standing on the promotion board, or of their prospects of advancement. To remedy this defect, I have ordered that a copy of the promotion board should be made in the vernacular and sent to each jail every half-year to let the men see how they stand, what promotions have been made, and what the prospects are before them. What the Civil List is to young civilians, this copy of the promotion board will be to warders—a constant stimulus to good work and an assurance that their claims are not neglected because they happen to be working in some district away from head-quarters. But this is not all; the warders must be satisfied that the changes which they notice in the last copy of the promotion board have not been made in a haphazard fashion, and have not been due to favouritism or to the fact that men promoted had been serving under the immediate notice of the dispenser of patronage. To make this quite clear, and to give the warders confidence in the system, the grounds on which a man has been passed over must be stated in the column of remarks. Such explanations as "Illiterate," "Not recommended by his Superintendent," "Punished during the half-year," will be quite sufficient to show the warders that the claim of each man for promotion has received consideration. On the other hand, if a warder is promoted out of his turn, the special service for which this promotion has been given should be detailed as an incentive to others to follow his example. I am satisfied that any extra work that this further development of the system may entail will result in greater efficiency, and will make the service more popular than it has been."

His Honour notices with approval these arrangements as likely to create a zealous spirit in the warder guard establishment. The difficulty of explaining to native subordinates the grounds of promotion is one universally felt even outside the Jail Department, and Dr. Lethbridge is to be congratulated on having devised this method of dealing with it.

17. *Escapes.*—There were 21 escapes of convicts as compared with 13 in 1890. Of these, two were from central jails, seven from district jails, four from intermediate jails, and eight from subsidiary jails. Fifteen of the 21 were recaptured during the year, besides four who had escaped in previous years. These figures in connection with the daily average convict population of jails and subsidiary jails are thus compared with the figures of other provinces for the latest years for which figures are available:—

Province.	1889.		1890.		1891.	
	Convict population.	Escapes.	Convict population.	Escapes.	Convict population.	Escapes.
Bengal ...	13,591	11	13,447	13	14,449	21
Assam ..	1,375	30	1,327	29	1,218	31
North-Western Provinces and Oudh ...	22,254	12	23,493	27	......	......
Punjab ...	12,242	25	11,842	19	......	......
Bombay	6,959	43	7,018	14	......	......
Madras ...	7,419	49	7,954	22	......	......
Burma ...	8,614	3	10,861	4	.....	......
Central Provinces ...	4,342	4	4,255	15	......	......

18. *Prison discipline.*—The number of offences committed by prisoners was 26,459 against 25,700 in 1890. The ratio of punishments to the daily average jail population fell from 191·1 per cent. in 1890 to 183·1 in the

year under review. The following table gives the statistics of punishments during the past seven years:—

	By criminal courts.	By Jail Officers.* Solitary confinement.	Reduced diet.*	Solitary confinement with reduced diet.	Corporal punishment.	All other punishments.	Total punishments.	Ratio per cent. of total punishments to daily average number of prisoners.	Ratio per cent. of corporal punishment to total number of all other punishments inflicted on male prisoners.
1885	71	3,333	2,486	472	347	42,081	48,790	354·65	0·73
1886	44	2,504	1,015	409	396	36,046	40,504	299·93	1·01
1887	44	1,599	569	251	266	33,095	35,824	328·41	0·76
1888	29	1,295	525	352	245	26,608	29,054	234·71	0·86
1889	40	1,276	503	318	272	22,641	25,110	184·75	1·12
1890	28	1,270	480	184	269	23,576	25,807	191·10	1·04
1891	37	1,276	738	168	291	23,946	26,456	183·10	1·13

* Including convicts put on penal diet.

In a separate table the figures of column 7, "All other punishments,*" are analysed as follows:—

Handcuffs	7,629
Fetters	8,840
Loss of marks	4,087
Gunny clothing	1,308
Penal or hard labour	686
Loss of early morning meal	345
Work in cells	10
Reduction and degradation of prison officers ...	515
Shaving the heads, and cutting the hair of female convicts ...	127
All other miscellaneous punishments	336
Total ...	23,883*

* Excluding 63 convicts punished in the subsidiary jails.

In future years, the Lieutenant-Governor desires that the information contained in these two tables may be combined in one statement.

19. *Convict officers and mark remissions.*—The total number of prisoners employed during the year as convict officers was 1,986, and the ratio per cent. of the average number of prisoners so employed was 5·80 for males and 0·37 for females. The Inspector-General reports that though the proportion employed is fairly small for the province, certain jails have not been well managed in this particular. The number of convict officers punished was 1,580 as compared with 1,629. Out of 1,661 prisoners released during the year, who were on the mark system, only nine failed to gain remission under it.

20. *Expenditure.*—The gross expenditure of the Department for the last ten years is shown in the following table:—

	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
General supervision	48,931	45,966	47,018	48,207	49,236	40,198	50,251	49,344	49,890	48,820
Dieting prisoners ...	3,06,138	3,16,649	3,57,513	3,65,386	3,84,687	2,44,730	2,95,680	3,89,300	3,54,257	3,03,600
Establishment (excluding the police)	4,25,511	4,54,276	4,38,153	4,42,863	4,67,159	4,00,884	4,55,888	4,51,419	4,40,777	4,47,212
Hospital charges ...	42,269	40,947	39,227	49,383	42,809	3[illegible],608	46,036	56,825	47,766	49,155
Clothing	64,486	50,422	58,614	60,744	60,051	44,272	58,364	70,098	54,257	65,836
Miscellaneous contingencies	88,215	95,020	90,361	1,03,216	1,02,139	96,855	1,28,592	1,47,911	1,47,721	1,63,790
Petty construction and repairs ...	21,440	19,484	21,715	27,777	28,833	27,824	25,842	22,053	29,098	31,006
Police	31,249	3,701	......	......	......	......	......	......	......	......
Stationery	2,058	1,481	869	2,302	1,805	1,403	1,228	1,321	1,446	1,215
Medical stores ...	5,915	4,749	5,000	7,545	6,252	6,859	5,380	2,848	2,620	1,245
Total ...	10,30,212	10,32,695	10,56,490	11,16,423	10,93,361	9,68,033	10,68,161	11,91,149	11,27,827	11,65,569
Daily average population of all classes	16,155	15,026	15,101	15,176	14,806	12,250	13,731	15,025	14,777	15,915
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Average expenditure per prisoner ...	64 2 3	68 11 7	69 15 4	73 9 0	73 13 6	79 0 4	77 12 8	79 4 5	76 6 3	73 3 9
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Public Works Department ...	10,10,781	5,07,718	1,09,739	60,657	92,804	1,88,353	2,40,244	2,37,214	1,56,819	2,03,705

The increase under diet, hospital charges, clothing, and contingencies is accounted for by the increase in jail population. The decrease in the average cost per prisoner under all heads, excluding public works, from Rs. 79-4-5 in 1889 and Rs. 76-6-3 in 1890 to Rs. 73-3-9 in the year under review, is satisfactory. The Lieutenant-Governor finds nothing to take exception to in this table as a whole, and is glad to be able to record that the jails have, as a rule, been managed with economy and forethought.

21. The average prices paid for the principal articles of diet during the past two years are noted on the margin, and, as remarked by the Inspector-General, they show that by a judicious use of the system of buying the bulk of the cereals required at the cheapest season of the year, it has been possible, in a year of exceptionally high prices, to keep the rates almost down to what they were the previous year. The Lieutenant-Governor regrets, however, to have to notice that in some cases a great want of common sense was shown as regards the purchase of sufficiently large quantities of grain at the proper season, sometimes from ignorance of the resources of the market, and in one case at least from fear of the responsibility for safe storage. The judicious working of the storage system, and the better use of the jail gardens for growing food-grains, are the chief measures which can be relied on for reducing jail expenditure, and His Honour trusts that he may not again have to notice any failure in the former respect.

	1891.			1890.		
	Rs.	A.	P.	Rs.	A.	P.
Rice	2	1	9	2	2	7
Wheat (flour) ..	3	1	7	2	15	4
Maize	2	0	0	1	12	9
Dal	2	7	8	2	8	4
Meat	6	6	7	6	2	2
Fish	6	4	8	6	11	10
Salt	3	12	6	3	15	2

22. The expenditure per prisoner for diet in each jail compared with the expenditure of the previous year is shown in the following table:—

Jails.	1891.			1890.			Jails.	1891.			1890.		
	Rs.	A.	P.	Rs.	A.	P.		Rs.	A.	P.	Rs.	A.	P.
Presidency—*European*	79	4	6	87	13	0	Faridpur ...	20	15	2	23	12	9
Darjeeling ...	36	2	4	35	15	1	Buxar—*Central* ...	20	14	6	21	3	9
Naya Dumka ...	29	14	0	......			Rangpur ...	20	10	6	21	5	8
Midnapore ...	28	1	1	28	8	2	Khulna ...	20	6	5	21	9	9
Alipore ...	26	3	2	27	14	6	Cuttack ...	20	2	8	21	11	2
Murshidabad ...	24	14	6	26	3	7	Patna ...	19	15	4	16	14	3
Bhágalpur ..	24	11	0	22	13	9	Balasore ...	19	13	2	21	10	1
Pabna ...	24	6	3	23	11	8	Hooghly ...	19	12	2	21	4	2
Presidency—*Native*	23	14	9	28	0	6	Bogra ...	19	8	4	18	6	8
Chittagong ...	23	12	10	26	1	3	Manbhum ...	19	5	3	18	11	1
Mymensingh ...	23	12	6	28	2	2	Birbhum ...	19	3	10	20	10	3
Rajshahi ...	23	12	5	24	11	3	Dinájpur ...	19	0	2	18	5	5
Champaran ...	23	12	0	21	9	3	Lohardaga ...	18	6	2	17	6	8
Palámau ...	22	11	1	25	0	2	Hazáribágh ...	18	2	11	19	10	11
Shahabad ...	22	8	11	17	13	1	Saran ...	18	0	9	17	5	8
Dacca ...	22	6	0	25	2	6	Monghyr ...	16	15	10	17	1	3
Singhbhum ...	22	4	6	22	1	1	Purnea ...	16	8	0	16	3	5
Noakhali ...	22	2	10	23	9	5	Puri ...	16	7	6	17	9	2
Burdwan ...	21	15	11	23	11	6	Malda ...	15	2	9	15	1	1
Muzaffarpur ...	21	15	8	19	15	5	Bankura ...	13	2	9	14	6	8
Darbhanga ...	21	13	10	20	3	0	Gaya ...	12	8	8	16	3	3
Backergunge ...	21	6	10	24	0	1							
Jalpaiguri ...	21	5	6	19	4	5	Total ...	22	12	10	23	15	5
Tippera ...	21	4	10	23	3	5							
Jessore ...	21	0	8	24	6	4	For 1889 ...	25	14	7			
Nadia ...	20	15	8	24	9	8							

The most expensive jails are those placed at the top of the list. At Naya Dumka there is every reason to expect improvement in future under the superintendence of Dr. Kelly, one of the most economical Superintendents in the Department. At Midnapore the high cost is due to the better diet given to the prisoners under medical advice; while in the Alipore Jail, where the cost has fallen from Rs. 27-14-6 in 1890 to Rs. 26-3-2, the high price which still prevails is due to the want of storage accommodation. The cheapest jails in

the province are Gaya, Bankura, Malda, Puri, Purnea, Monghyr, and Saran in the order named. The results at Gaya have been obtained, under the management of Jailor Lal Behari Singh, by cultivating the jail land to the best advantage, and by the maintenance of a good dairy. At Bankura, Dr. Mukerji and Assistant Jailor Dilaruddin Ahmad managed to store rice at Re. 1-10 per maund, the cheapest rate obtained in any jail in the province. Dr. Lethbridge also mentions as worthy of special commendation the work of Dr. Kelly and Assistant Jailor Jodunath Mazumdar at Malda. In the Presidency Jail special attention was paid to the storage of grain, and the result has been a decrease in the cost per prisoner from Rs. 28-0-6 to Rs. 23-14-9, a result which reflects great credit on the Superintendent, Mr. Donaldson. Dr. Basu has the credit of having made the largest reduction in the province under this head, expenditure in the Mymensingh Jail having fallen from Rs. 28-2-2 in 1890 to Rs. 23-12-6 in the year under review.

23. Altogether, in spite of the rise in prices, out of 47 jails, 29 show a reduction in the cost of diet per prisoner. In the following jails only was there an increase exceeding 8 annas:—Shahabad (Rs. 4-11-10), Patna (Rs. 3-1-1), Champaran (Rs. 2-2-9), Jalpaiguri (Rs. 2-1-1), Muzaffarpur (Rs. 2-0-3), Bhágalpur (Rs. 1-13-3), Darbhanga (Re. 1-10-10), Bogra (Re. 1-1-8), Lohardaga (annas 15-6), Saran (annas 11-1), Dinajpur (annas 10-9), Pabna (annas 10-7), and Manbhum (annas 10-2). The average expenditure per prisoner for diet throughout the province was Rs. 22-12-10 against Rs. 23-15-5 and Rs. 25-14-7 in 1890 and 1889 respectively.

24. *Supply of vegetables and other products of jail gardens and dairies.*—The whole of the vegetables consumed by prisoners during the year were grown in the jail gardens, except in the case of the Midnapore and Mymensingh jails which purchased vegetables to the value of Rs. 210 and Rs 58 respectively. All condiments used for the diet of convicts were also grown in the jail gardens. In this connection the Lieutenant-Governor would wish to refer to the wholesome rule that every jail should contain in its gardens one lime tree for every prisoner within its walls. It will be interesting if in future years it is stated in the annual report of the Department in how many jails this ideal is realized. The total of the value of vegetables and dairy produce sold, Rs. 72,831, compares most favourably with the figures of 1890 (Rs. 53,747) and 1889 (Rs. 47,827). This remarkable increase is reported to be largely due to the development of jail dairies which supplied the jails during the year with milk to the value of Rs. 13,517. Dr. Lethbridge estimates the expenditure on the purchase of cows at Rs. 8,000, but no details are given as to the cost of maintaining the dairies. It is clear, however, that by the establishment of these dairies a supply of milk of undoubted purity is obtained at a very small cost to Government, which not only reduces considerably the cost of diet throughout the jails, but is invaluable in cases of sickness. The first prize offered by Government for the best managed jail dairy has been awarded to Babu Nauronga Marwari of the Buxar Jail, Jailor Lal Behari Singh of the Gaya Jail obtaining the second prize.

25. *Establishment, &c.*—Expenditure under the head "Establishment" rose from Rs. 3,78,895 to Rs. 3,84,825: hospital charges rose from Rs. 47,437 to Rs. 48,751: the value of clothing supplied increased from Rs. 53,667 to Rs. 55,444, and the expenditure on contingencies was Rs. 1,47,722 against Rs. 1,29,089.

26. *Av rage rate of controllable expenditure.*—The total average cost per prisoner on account of diet, hospital charges, and clothing together, which amounted to Rs. 34-13-11 in 1889 and Rs. 31-3-5 in 1890, was further reduced to Rs. 29-11-9 in 1891. The jails of Malda and Gaya show the best results. Buxar was as usual the cheapest central jail.

27. *Employment of prisoners, and manufactures.*—The chapter on this subject is a meagre one, consisting of 2½ pages only of printed matter, of which almost the whole is composed of the barest statistics. This side of jail administration is one to which the Lieutenant-Governor attaches great importance, and he would like to see it dealt with more fully in the reports for future years. From what Sir Charles Elliott has seen on his tours of inspection, he is persuaded that the jail policy of the past few years has tended, while taking special care of the health of the prisoners, rather to the neglect of the punitive side of imprisonment, that is, the labour question. In several jails His Honour found that

prisoners were altogether insufficiently worked, as the following extracts from the inspection notes written at the time will show:—

Mymensingh Jail.—"The arrangements for labour are not at all satisfactory. With so large a force (372 convicts to-day) something valuable should be done. Yet the cash receipts of 1890 were only Rs. 2,264. The labour is divided between many objects—pounding surki, husking paddy, making bamboo mats and twine, oil-mills, garden work, &c. In the cold weather they make bricks. If nothing better can be devised, they should be employed on some big public work—embankment, drain, or such like. It is a sin to waste such a valuable labour force in this way."

Backergunge Jail.—"The great difficulty here is employment. Only 129 out of 397 rigorous imprisonment cases are employed on real labour, and of these 41 are only spinning jute which is women's work. More effort should be made to find hard and more profitable work. But there is certainly a danger here in avoiding the greater evil of high mortality of falling into the lesser evil of under-working the prisoners. The good jail officer is he who avoids either extreme."

Gaya Jail.—"Everything is satisfactory except one point, that of employment. In this respect it is the worst jail I have ever seen. A few men are at the oil-mills, and a few grind wheat for jail consumption; but the greatest portion are employed on the lightest form of women's work, spinning grass into twine. It is absurd to call this labour at all. I think I could see throughout that there is too strong a desire to make things easy and pleasant for the prisoner, owing, perhaps, to the great death-rate of some years ago. Active measures should be taken to invent new sources of labour. The Magistrate says he has arranged for starting stone-breaking again. The stone should be of the best, and if no exception is taken to its quality, the District Engineer should utilize it at the same rate, instead of paying a contractor for hired labour. Brick-making might be tried. The police are building reserve lines and hospital close by with bricks supplied by the Public Works Department, *i.e.*, made by hired labour, instead of by the jail. I found a lot of men making twine, with regard to whom it was urged that they could not be put to any other work, because the Jail Code says that no one should be put to hard labour for his first month. I think this should be modified. It might run that a full task of hard labour should not be exacted in the first month. But able-bodied men should not be put to women's work under the cover of this rule."

These admonitions have not fallen on unfruitful ground. Experiments have been made by Dr. J. H. T. Walsh, Medical Officer of the Presidency Jail, on the effect of exercise and enforced labour on weakly constitutions. The following extract from his report on the subject is full of interest and worth reproducing:—

"As the outcome of this forced muscular waste, there is increase in tissue hunger and tissue respiration, which allows, and indeed compels, the patient to take in and digest large quantities of food; thus causing increase of weight and great improvement in muscular vigour and health generally. From such cases as are here alluded to it is only a step to those in which the patient, though in poor health, is able to move about and use his limbs. It must be understood that I exclude from the category of persons suitable for these experiments all those suffering from marked organic disease of the heart, lungs and kidneys. The starved, the anæmic and the dispeptic form a very large proportion of all jail populations, especially in Bengal, where the standard of health is low. As a rule such subjects, when punished by imprisonment, have been allowed to do very trifling tasks, and have been, so far as production is concerned, practically placed among the sick. During the year 1891 I selected 129 such cases and placed them on hard work with the following results:—121 improved in health and gained weight, 2 lost weight and had to be kept on light work, 2 being somewhat old were ultimately placed in the convalescent gang as much improvement could not be hoped for in such persons, 2 neither lost nor gained; and finally, of all these weakly persons only two are registered as having been admitted into hospital. One of these was admitted for periostitis, not in any way caused by the work he was doing. The second man was placed on hard work, *dhenki*, on the 30th November. He then weighed 88½lbs. He worked on until the 21st December and weighed 90lbs. He then got diarrhœa and was admitted into hospital. All the men selected were admitted in "bad" or "indifferent" health, and all these cases have been kept carefully under observation by the Civil Hospital Assistant and by me, and a register has been kept showing the weekly gain or loss in weight. I must point out that for the first week or so a full task must not be expected, and also that some forms of labour are much better to begin with than others. I have generally commenced with the *dhenki* or with *dall-grinding*, passing on afterwards to *wheat-grinding*, *hand-press* or *oil-mill*. It is hardly necessary to mention that the convicts do not show any desire to assist in these beneficial experiments, and in some cases it has required firmness in insisting on the tasks being performed."

The results of Dr. Walsh's experiments seem to the Lieutenant-Governor to be of much importance. While great improvement has taken place in the mortality ratio, the importance of which cannot be overrated, the generality of Superintendents are reluctant to enforce a proper amount of work on the part of the prisoners, for fear that such work should have a prejudicial effect on their health. The above observations on the health-giving effects of moderate

labour, which agree with those of the Famine Commission in the case of starving people, are therefore most valuable, and should be known as widely as possible.

His Honour has issued orders for the employment, as far as possible, by the Public Works Department, of prisoners for such works as brick, tile, and surki manufacture, coolie labour to assist skilled workmen, earthwork of all kinds, and stone and brick breaking, and trusts that by this means the valuable labour-supply contained in the jails may be turned to greater profit than has hitherto been the case.

The average number of prisoners under sentence of labour was 14,230 against 13,241 in 1890; of these, an average number of 729 were employed on unremunerative labour as compared with 491 in 1890.

28. *Earnings of prisoners.*—The profit on the manufacturing account during the last two years is as follows:—

	1891.	1890.
	Rs.	Rs.
Cash drawn from the treasury	8,91,321	8,84,267
Cash paid into the treasury	12,05,342	10,35,109
Difference or profit ...	3,14,021	1,50,842

No explanation is given by the Inspector-General of this remarkable increase in the profit from manufactures. The average profit per head from each labouring prisoner was Rs. 52-7 against Rs. 28-3 in the previous year.

His Honour regrets to observe that owing to carelessness in the working of the Rajshahi Jail, the Manager, Eastern Bengal State Railway, had to reject several consignments of the castor-oil supplied by that jail for the lighting of the Railway.

29. *Subsidiary Jails.*—The number remains unchanged at 86. Of these, only 9 were visited less than 70 times by the Superintendents, and Dr. Lethbridge reports an improvement throughout in the number of visits paid to these jails compared with the results of previous years. The total amount expended on subsidiary jail buildings was Rs. 64,272 compared with Rs 63,872 in 1890. The daily average number of convicts and under-trial prisoners in these 86 jails was 332·84 and 515·03, respectively, or a little less than four convicts and six under-trial prisoners to each jail. Of the 40 prisoners who escaped from subsidiary jails, eight were convicts, and of these five were recaptured. Of the 32 under-trial prisoners who escaped, 23 were recaptured.

The total cost of the subsidiary jails was Rs. 1,73,235, or, excluding public works, Rs. 128-6-9 per prisoner compared with Rs. 1,70,110, and Rs. 131-8-8, the corresponding figures for 1890. The total credits from manufactures in subsidiary jails amounted to Rs. 20,815, with a net profit of Rs. 3,198, against Rs. 19,340 and Rs. 3,127 in 1890.

30. *Water-supply.*—The Alipore Central Jail has been connected with the Calcutta water-supply during the year. A well is being sunk near the Midnapore Central Jail, the completion of which will, it is hoped, solve what has been a serious difficulty in the past. The well water used in the Arrah Jail, where cholera has appeared in July of each of the last two years, was found to be impure, and the Lieutenant-Governor has sanctioned the introduction of pure canal water for the use of the jail. For the Champaran Jail river water has to be carted for a distance of six miles. An attempt to introduce well water during the year was followed by much sickness among the prisoners, and the old system has been resumed. Arrangements have been made during the year by which the water in use in every jail where wells are the source of supply, or where the quality of the water is doubted, will be tested once a year by the Chemical Examiner to Government.

31. Dr. Lethbridge reports that Mr. A. D. Larymore, Superintendent of the Alipore Jail, has invented during the year a boiler which fulfils all the

necessary conditions, viz., (1) it will boil large quantities of water with a minimum expenditure of fuel; (2) the fact that the water is thoroughly boiled is made known by a steam whistle which continues for some minutes after the fuel is withdrawn; (3) the water is passed direct into the filter, thus avoiding all chance of contamination in handling. His Honour is convinced from what he has seen during his tours that most of the boilers in jails merely heat the water without boiling it. Mr. Larymore's invention has come in good time, and should be introduced without delay into all jails which show a large number of admissions to hospital from fevers and bowel-complaints.

32 *Mortality among prisoners.*—The following table shows the sickness and mortality of the jails for every year from 1863 onwards:—

Years.	Daily average number of prisoners	Daily average sick	Ratio per mille of daily sick	Number of deaths: From cholera	Number of deaths: From all other causes	Number of deaths: Total number of deaths	Death rates per mille of average strength: From cholera	Death rates per mille of average strength: From all other causes	Death rates per mille of average strength: From all causes	Remarks.
1863	16 463	847	51 4	[illegible]	1 223	1 501	21 5	74 3	94 8	All classes of prisoners (1863–1868)
1864	16 729	814	48 6	231	804	1,035	13 8	48 0	61 8	
1865	17 431	756	43 4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
1866	20 [illegible]	746	54 5	[illegible]	1 669	[illegible]	53 0	74 0	107 0	
1867	18 793	668	35 6	[illegible]	916	1 078	9 0	[illegible]	58 0	
1868	18 061	646	35 7	[illegible]	802	924	7 0	44 0	51 0	
1869	18 476	676	36 5	176	771	947	9 0	[illegible]	51 0	Convicted and under trial only (1869–1891)
1870	18 548	623	33 5	171	[illegible]	[illegible]	1 0	36 0	[illegible]	
1871	17 300	636	36 3	38	661	699	2 0	38 0	[illegible]	
1872	19,105	673	35 2	117	885	1 002	6 0	46 0	52 0	
1873	20 143	689	34·2	128	842	980	6 0	41 0	47 0	
1874	21 [illegible]69	782	36 2	115	1 027	1 172	7 0	47 0	54 0	
1875	21 257	[illegible]	39 2	96	940	[illegible]	4 0	45 0	[illegible]	
1876	21 672	843	39 1	[illegible]	975	[illegible]	[illegible]	[illegible]	[illegible]	
1877	18 709	730	39 0	171	763	[illegible]	8 0	40 8	48 8	
1878	18 611	803	43 1	[illegible]	1 072	1 287	[illegible]	[illegible]	[illegible]	
1879	18 483	947	51 2	341	1 411	1,752	18 4	76 4	94 8	
1880	17 802	941	52 8	31	1 100	1 131	1 7	61 8	63 5	
1881	[illegible]	873	52 8	[illegible]	1 014	[illegible]	5 1	[illegible]	[illegible]	
1882	[illegible]	849	53 3	171	933	1 084	9 5	58 6	68 1	
1883	14 776	729	49 3	68	701	762	4 1	47 4	51 5	
1884	14 868	724	48 6	62	678	740	4 1	[illegible]	49 7	
1885	14 926	773	51 7	157	730	887	10 5	48 9	59 4	
1886	14 573	648	44 4	40	513	[illegible]	2 7	34 5	37 2	
1887	12 017	[illegible]	44 7	20	[illegible]	[illegible]	1 7	31 4	33 1	
1888	13 614	631	46 2	132	482	614	9 7	35 8	[illegible]	
1889	14 371	605	46 4	132	555	687	8 8	37 0	[illegible]	
1890	14 700	580	39 4	33	443	476	2 2	30 1	32 3	
1891	15 859	610	38 5	52	439	491	3 2	27 7	30·9	
Total	502,738	21,312	42 3	4 500	24,034	28 534	8 9	47 8	56 7	
Average	17 336	735	42 3	155	829	984	8 9	47 8	56 7	

The death-rate is 1·4 below that of last year, which was itself the lowest on record—a result which is most satisfactory and should encourage Superintendents of Jails to continue their exertions in the direction of improved sanitation.

The jails in which the ratio of admissions to hospitals per mille of average daily population was highest were Purnea 99·8, Dinajpur 91·8, Chittagong 82·9, Dacca 72·7, Jalpaiguri 67·8 and Champaran 67·7. There were 81 cases of cholera with 48 deaths against 55 cases and 31 deaths in the previous year. Only seven cases of small-pox occurred. These were mostly of a mild type, and only one case terminated fatally. There were 23 admissions from cerebro spinal fever, of which 18 ended in death. Twelve cases and eleven deaths occurred in the Alipore Jail, six with four deaths at Bhágalpur, and five with three deaths at Rangpur. The Medical Committee has continued its investigations in regard to this mysterious and fatal disease, and has seen every case that has occurred in the Alipore Jail, but its final report has not yet been submitted.

33. The total number of deaths was 454. Of these, 444 occurred in jails other than subsidiary jails. Dr. Lethbridge points out that out of these 444 convicts who died during the year, only 150 were originally admitted to jail in good health. The following jails show the highest mortality—

Jails.		Death-rates from all causes per mille.		Death-rates exclusive of cholera per mille.	
		1891.	1890.	1891.	1890.
Purnea	...	131·2	22·3	131·2	22·3
Shahabad	..	104·9	148·4	21·0	15·6
Rangpur	...	94·3	86·8	69·7	86·8
Puri	...	91·2	27·7	76·0	27·7
Dinajpur	...	88·3	71·7	88·3	71·7
Saran	...	62·2	65·8	43 9	32·9
Jessore	...	45·9	43·3	45·9	43 3
Palámau	...	44·9	27·5	44·9	27·5
Muzaffarpur	...	43·6	34·7	30·5	34·7
Chittagong	...	42·9	22·1	26 8	22·1
Jalpaiguri	...	42·8	114·0	42·8	99·8
Lohardaga	...	42·1	27·3	42·1	27 3

Of the twelve deaths in the Purnea Jail, six were those of prisoners who were brought to jail in bad health, and were sent at once to hospital where they died a few days afterwards. In this jail 67 other cases had to be taken to hospital directly on their admission, and the general health of the district was exceedingly bad during the year. The high death-rate at Shahabad has resulted entirely from an epidemic of cholera, to which 12 deaths were due. Apart from this the death-rate was 21 per mille. In the Rangpur Jail there were six deaths from cholera, and in this jail out of 23 prisoners who died, 12 were admitted in bad health, 10 in indifferent health, and only one in good health. The Puri Jail is a small one, and a high death-rate is accidental, and due to six deaths from various causes. The Dinajpur Jail is situated in a notoriously unhealthy district, and of the 15 convicts who died in it, nine were admitted in indifferent health and four in bad health. In Saran there were five fatal cases of cholera.

34. In paragraph 25 of the Resolution on last year's Jail Report, it was ordered that in all jails where the death-rate exceeded 60 per mille a separate and special examination should be made by a Committee consisting of the Superintendent of the Jail and three neighbouring Civil Surgeons with a view to ascertain the causes of the mortality. The Lieutenant-Governor is not aware that any action has been taken upon these orders beyond circulating them to Superintendents of Jails. This is obviously a very insufficient compliance with the orders of Government, and His Honour expects that Dr. Comins will at once take steps for the appointment of a Committee to enquire into the sanitary condition of the Purnea, Rangpur and Dinajpur jails. It would be well to deplete these jails as far as possible, transferring all but the shortest term prisoners to more healthy prisons, if room can be found for them there.

35. *Inspections.*—During the year the Lieutenant-Governor himself inspected 28 jails, and in the case of 10 of these recorded notes of the result of his inspection. The Inspector-General inspected 31 jails, 6 subsidiary jails, and the 2 reformatory schools at Alipore and Hazáribágh. Mr. Larymore, during the time he was in charge of the Department, visited 15 jails. The number of inspections by judicial and magisterial officers increased from 1,931 in 1890 to 2,145 in 1891; those made by non-official visitors, however, fell from 144 to 137.

36. *Officers of the Department.*—Dr. Lethbridge cordially acknowledges the value of the services rendered by the officers of his Department, and it is very satisfactory to Government that an officer of such experience and insight into character should be able to speak in this way of so large a number of his subordinates. In this Resolution it is possible to mention only a few names, but among jailors the Lieutenant-Governor notices with pleasure the high testimony borne to the services of Messrs. O'Connell and Donelan and Babu Nauronga Marwari, and among Deputy Superintendents of Messrs. Fox, Petty and Dobson. The following Superintendents received special mention:—

Superintendents of District Jails.

Dr. E. G. Russell.	Dr. U. C. Mookherjee.
" E. J. Manook.	" D. Basu.
" C. M. Russell.	" D. G. Crawford.
" J. M. Zorab.	" G. Jameson.
" K. D. Ghose.	" N. P. Sinha.
" E. Bovill.	" H. W. Pilgrim.
" H. W. Hill.	" R. S. Ashe.
" F. R. Swaine.	" R. M. Blaker.
" R. Macrae.	" J. Kelly.

Superintendents of Central Jails.

Mr A. D. Larymore.	Mr. C. H. C. Sevenoaks.
" W. Leonard.	" E. W. Payne.
" P. Donaldson.	" M. S. Emerson.
" W.a'C. Beadon.	

The thanks of Government are also due to Mr. Hanlon, Superintendent of Jail Manufactures, and especially to Mr. A. D. Larymore, the Deputy Inspector-General of Jails, who has carried on the duties of that appointment in addition to his ordinary work at Alipore, and has given much assistance in the administration of the department.

37. To Dr. Lethbridge himself the Lieutenant-Governor must again express his special thanks for the services he has rendered for so many years in the important office of Inspector-General of Jails. These services were acknowledged in the Gazette at the time Dr. Lethbridge made over his appointment, in terms which the Lieutenant-Governor is glad to reproduce as the concluding words of this Resolution—

"Surgeon Lieutenant-Colonel A. S. Lethbridge, C.S.I., M.D., whose services have now been placed at the disposal of the Government of India in the Foreign Department, has been employed under the Government of Bengal for a period of nearly fourteen-and-a-half years as Inspector-General of Jails. During this long incumbency he has justly won for himself the reputation of a most able and efficient Head of the Department, and his name will always be associated with the great improvements which, in recent times, have been effected in Jail administration in India. His merits have repeatedly been acknowledged by the Local Government and by the Government of India, and the Lieutenant-Governor cannot allow his transfer to another sphere of duties to take place without recording his sense of the valuable services Dr. Lethbridge has rendered to this Province."

ORDER.—Ordered that a copy of this Resolution be forwarded to the Inspector-General of Jails for information and guidance.

Ordered also that a copy of this Resolution, and a copy of the Report, be submitted to the Government of India in the Home Department.

Ordered also that a copy of this Resolution be published in the *Calcutta Gazette.*

By order of the Lieutenant-Governor of Bengal,

H. J. S. COTTON,

Offg. Chief Secy. to the Govt. of Bengal.

RESOLUTION ON THE ADMINISTRATION REPORTS OF THE ALIPORE AND HAZARIBAGH REFORMATORY SCHOOLS FOR THE YEAR 1891.

No. 126P.D.

RESOLUTION.

JAILS.

Darjeeling, the 28th May 1892.

READ—

(1) Letter No. 4236, dated the 26th April 1892, from the Inspector-General of Jails, forwarding the Administration Report of the Alipore Reformatory School for the year 1891.

(2) Letter No 4235, dated the 26th April 1892, from the Inspector-General of Jails, forwarding the Administration Report of the Hazáribágh Reformatory School for the year 1891.

Read also—

The Reports for the year 1890, and the orders of Government recorded thereon.

The Alipore School.—The average daily number of boys in the Reformatory rose from 116 in 1890 to 142 in 1891. There were 38 admissions during the year, and 21 releases and 2 deaths. The average number of punishments to each boy fell from 1·02 in 1890 to 0·66 in 1891, and the offences for which they were imposed are reported not to have been of a serious character. This, in view of the large increase in the number of boys, is very satisfactory.

The average number entitled to marks fell from 89·73 to 82·16, and the weekly average money reward from Rs. 3-9-5 to Rs. 3-2-9. The average number of admissions to hospital was 2·52 against 2·78 in 1890. There were two deaths, one from cholera and one from accidental poisoning, due to drinking an antiseptic solution under the idea that it was brandy. The Civil Hospital Assistant, through whose carelessness the accident occurred, was censured and removed from the charge of the Reformatory Dispensary. Three boys escaped from the Reformatory on the 8th April 1891 by scaling a wall, but were recaptured within a few days.

2. Quarters for the Civil Hospital Assistant were added to the Reformatory during the year, but no other building of importance was undertaken. It is, however, reported that more workshops are needed. The arrangements for the work and recreation of the boys continued the same as in past years. An hour's gymnastics has recently been introduced into the day's routine, but sufficient time has not yet elapsed to make any estimate of its effects possible.

3. Reports regarding 65 boys were received from Magistrates during the year. Of these 11 had been reconvicted, two bore a bad character, two had died, and 50 bore a good character. Out of 242 boys released since the opening of the institution, 37 have been reconvicted, 41 have been reported as bearing bad characters, and 164 as bearing good characters. It is, however, disappointing to notice that only 27 follow the trade learnt in the Reformatory.

4. The total expenditure of the school rose from Rs. 13,988-8-4 in 1890 to Rs. 15,776-5-6 in 1891. The average cost per head fell, however, from Rs. 119-9 to Rs. 111-1-6. The average expenditure per head on fixed establishment and diet fell from Rs. 71-10-8 and Rs. 33-11-3 to Rs. 61-10-10 and Rs. 32-10-3 respectively. These reductions are satisfactory, but, in the Lieutenant-Governor's opinion, the cost of diet is still unduly high. The cost per head in the Alipore Central Jail is only Rs. 26-3-2 a head, and there appears to be no reason why the diet of boys should cost more than that of men. Arrangements should be made for storing supplies of grain in the Reformatory at the cheapest season of the year as is done in the jails. The price paid for rice, Rs. 3-0-5 per maund, was unnecessarily high.

5. From the table showing the results of manufacture it would appear that the profits of the manufacturing department amounted to Rs. 10,235-12-5 against Rs. 9,901-13-4 in 1890. The figures for that year, however, took into

account, on both the credit and debit sides, the value of raw material in stock and of plant and machinery. The omission of these figures in the present table prevents any accurate comparison between the results of the two years.

6. Arrangements have recently been made by which selected boys will be instructed in the technical work of printing, such as setting up and distributing type, the printing work of the institution having hitherto been confined to the purely mechanical processes. It has also been arranged that some of the Burmese convicts in the Alipore Jail should instruct the boys in wood-carving These arrangements were not, however, brought into effect during the year under review.

7. The question of the unduly short terms for which many little boys are sent to the Reformatory has been brought to the Lieutenant-Governor's notice. His Honour understands that this question has been dealt with in the report of the Prison Conference, and will take no action in the matter pending the issue of orders on that report. He desires, however, to call the special attention of all Magistrates to the standing orders on this point, and hopes that he may not have to find fault in this particular in future.

8. The Lieutenant-Governor visited and inspected the institution on the 16th January 1892, and was thoroughly satisfied with all he saw of its management. His Honour is glad to notice that the Board of Management again speak in favourable terms of the manner in which Mr. C. J. Courtenay carried out his duties as Superintendent.

9. *The Hazáribágh School.*—The daily average number of boys in the school was 296·10 against 280·7 in 1890. Seventy-eight boys were admitted during the year, 67 were released, and one died. Discipline was on the whole good, and only 219 punishments were inflicted against 308 in 1890. A serious attack was, however, made on the Deputy Superintendent by two of the boys, instigated by a prisoner sent from the Bhágalpur Jail to teach carpet-weaving. The Deputy Superintendent was fortunately able to defend himself successfully, and the offenders were suitably punished. The daily routine of the school is the same as in previous years. The Lieutenant-Governor would be glad to see something done towards the introduction of gymnastics here, as in the Alipore Reformatory School. The monthly average number of boys earning marks was 270·5, and the average weekly earnnig Rs. 10-1-4. The corresponding figures for last year were 273·66 and Rs. 10-11-11. The year was an exceptionally healthy one—there were only 58 admissions to hospital and one death—and the daily average number of sick was only 2 54.

10. The total expenditure of the school was Rs. 83-3-9 per head against Rs. 75-4-11 in 1890, or, omitting outlay on building, Rs. 70-8-5 against Rs. 69-5-7. The Lieutenant-Governor notices that there was an increase in the expenditure per head under all the three controllable items of expenditure—diet, clothing, and contingencies, while higher prices were paid than in the previous year for rice and 'atta.' The average expenditure per head on diet was Rs. 27-15-9 against Rs. 25-11-5 in 1890. The corresponding figure for the Hazáribágh Jail was only Rs 18-2-11. The Lieutenant-Governor cannot consider these figures satisfactory. He hopes that during the current year greater economy may be exercised by a judicious storing of food-grains at harvest time. A workshed and 25 cells were built during the year. The results of the working of the Manufacture Department were that the amount paid into the treasury was Rs. 3,979-8 and the value of goods supplied to the General Department and to other departments was Rs. 4,435 and Rs. 2,900-3-4 respectively, while the total profits amounted to Rs. 2,661-12-9.

There was no noticeable change in the employment of the boys, but the Lieutenant-Governor is of opinion that book-binding and cane-work might with advantage be taught.

11. Reports regarding 90 boys released from the school were received during the year from Magistrates of districts. Of these 59 were reported as well-conducted, five were in jail, five were viewed with suspicion, and one had died; only one boy was reported as pursuing the trade learnt in the school.

12. For two months a serious spirit of insubordination prevailed among the warder staff, owing to recent orders with regard to the furnishing of security. Finally the head-warder was dismissed, and three warders resigned, and matters now appear to have settled down quietly.

13. The school was well-managed during the year, and its successful working does credit to Dr. Wilson, the Superintendent, and to Mr. Hill, the Deputy Superintendent, of whose services not only the Inspector-General of Jails, but all who have visited the school, speak in the highest terms.

ORDER.—Ordered that a copy of the Resolution be forwarded to the President of the Board of Management of the Reformatory School at Alipore for information and communication to the members of the Board.

Ordered also, that a copy of the Reports, and a copy of the Resolution, be forwarded to the Inspector-General of Jails for information and communication to the Superintendent of the Hazáribágh Reformatory School.

Ordered also that the Resolution be published in the *Calcutta Gazette.*

By order of the Lieutenant-Governor of Bengal,

H. J. S. COTTON,

Offg. Chief Secy. to the Govt. of Bengal.

CONSTRUCTION OF A BRIDGE OVER THE BRAHMAPUTRA AT NASIRABAD.

No. 105T.—M., dated Darjeeling, the 23rd May 1892.

From—H. H. RISLEY, ESQ., C.I.E., Offg. Secretary to the Government of Bengal, Municipal Department,

To—The Commissioner of the Dacca Division.

I AM directed to acknowledge the receipt of your letter No. 1020J., dated the 5th May 1892, forwarding a copy of a letter from the Collector of Mymensingh, in which he reports that Babu Jogendro Kisore Rai Chaudhri has offered to pay the sum of Rs. 30,000 towards the cost of erecting a bridge over the Brahmaputra at Nasirabad. You recommend that the acceptance of the offer by the District Board of Mymensingh may be approved.

2. In reply, I am directed to say that the Lieutenant-Governor has much pleasure in authorizing the District Board to accept the donation, and to request that you will be so good as to convey to Babu Jogendro Kisore Rai Chaudhri the thanks of His Honour for his liberality and public spirit. The correspondence will be published in the *Calcutta Gazette* for general information.

No. 1020J., dated Dacca, the 5th—9th May 1892.

From—C. F. WORSLEY, ESQ., Commissioner of the Dacca Division,

To—The Secretary to the Government of Bengal, Municipal Department.

I HAVE the honour to forward copy of a letter from the Collector of Mymensingh, No. 346G., dated 2nd instant, reporting that Babu Jogendro Kisore Rai Chaudhri has offered to give the sum of Rs. 30,000 towards the cost of erecting a bridge over the Brahmaputra at Nasirabad (Mymensingh), and to recommend that His Honour the Lieutenant-Governor of Bengal may be pleased to approve of the District Board's acceptance of the offer, and to sanction the publication of this correspondence in the *Calcutta Gazette.*

No. 346G., dated Mymensingh, the 2nd May 1892.

From—H. A. D. PHILLIPS, ESQ., Collector of Mymensingh,

To—The Commissioner of the Dacca Division.

I HAVE the honour to state that Babu Jogendro Kisore Rai Chaudhri has offered to give the sum of Rs. 30,000 towards the cost of erecting a bridge over the Brahmaputra at Nasirabad (Mymensingh).

2. I have much pleasure in bringing this offer to the notice of Government. Babu Jogendro Kisore Rai Chaudhri bears a high character, and has always been esteemed by successive Collectors of this district. The present donation is one of many instances of his public spirit and liberality.

LIFE-BOAT AT GOALONDO.

No. 1284 Marine.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

Dated Calcutta, the 30th May 1892.

RESOLUTION.

READ—

A letter from the Commissioner of the Dacca Division, No. 63T., dated the 20th April 1892, enclosing a copy of a letter from the Magistrate of Faridpur, stating that the Hon'ble Nawab Khwajah Ahsanullah, Bahadur, C.I.E., of Dacca, has promised to pay a sum of Rs. 900 or Rs. 1,000 for the purchase of a life-boat at Goalundo.

THE Hon'ble Nawab Khwajah Ahsanullah, Bahadur, C.I.E., of Dacca, has offered to contribute a sum of Rs. 900 or Rs. 1,000 for the purchase of a life-boat to be kept at Goalundo, and has requested that it may be called after his father, Nawab Sir Khwajah Abdul Gunny, Bahadur, K.C.S.I.

2. The Lieutenant-Governor is pleased to accept the Hon'ble Nawab Khwajah Ahsanullah Bahadur's liberal offer. The correspondence published below will show the necessity of keeping up a life-boat at Goalundo, and His Honour takes this opportunity to thank the Nawab for contributing towards such an useful object.

ORDER—Ordered, that the Resolution be published in the *Calcutta Gazette.*

By order of the Lieutenant-Governor of Bengal,

C. W. ODLING,

Joint-Secretary to the Govt. of Bengal.

No. 63T., dated Camp Faridpur, the 20th April 1892.

From—C. F. WORSLEY, ESQ., Commissioner of the Dacca Division,
To—The Secretary to the Government of Bengal, Marine Department.

I HAVE the honour to forward copy of a letter from the Magistrate of Faridpur, No. $\frac{830}{XXIV-35}$, dated 19th instant, reporting the promise of a most liberal donation of Rs. 900 or Rs. 1,000 by the Honorable Nawab Khwajah Ahsanullah, Bahadur, C.I.E., for the purchase of a life-boat to be kept at Goalundo, and to recommend—

(1) That the Nawab's generosity and public spirit may be acknowledged by the Government;
(2) That a boat, as recommended by the Marine Surveyor in his letter cited by the Magistrate, may be purchased, and sent to Goalundo as soon as possible; and
(3) That orders may be issued for the despatch of the old life-boat from Goalundo to Calcutta in view to its sale.

2. I trust that the Government will continue to make such contribution as it has heretofore made for the maintenance of the boat.

No. $\frac{830}{XXIV-35}$, dated Faridpur, the 19th April 1892.

From—E. F. GROWSE, ESQ., Offg. Magistrate of Faridpur,
To—The Commissioner of the Dacca Division.

I HAVE the honour to inform you, in reply to your No. 393J., dated the $\frac{13th}{19th}$ February 1892, that I consider it very advisable to keep up a life-boat at Goalundo, as the figures given in the margin show that she has done very useful work during the last 8 years.

Lives saved.

1884-85	1885-86.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.	1891-92.
40	143	116	99	51	86	131	85

2. The Sub-divisional Officer of Goalundo has addressed certain zamindars asking for subscriptions towards a new boat, and I have also written letters to others with the same object, and I have much pleasure in reporting that the Hon'ble Nawab Khwajah Ahsanullah, Bahadur, C.I.E., of Dacca, has most generously promised to give a sum of Rs. 900 or Rs. 1,000 to buy a new boat, to be called after his father, Nawab Sir Khwajah Abdul Gunny, Bahadur, K.C.S.I.

3. I would therefore ask you to report the fact to the Government of Bengal, in the Marine Department, and ask that a boat, as recommended by the Marine Surveyor in his letter No. 133, of the 28th January last, to the address of the Secretary to the Government of Bengal, in the Marine Department, be purchased, and sent to Goalundo as soon as possible.

4. The Sub-divisional Officer informs me that hitherto the boat has been maintained as follows:—

A Serang is retained permanently at Rs. 15 a month, and from June till September a crew of Khalasis is entertained at a cost of Rs. 92 a month. The total cost has therefore been about Rs 548 a year; of this sum the Railway pay Rs. 150, and local zamindars another Rs. 150, and the remainder is paid by Government. I understand that there will be no difficulty in getting this sum always, but I would ask that Government be urged to guarantee the entire maintenance of the boat, in case local subscriptions should fail. It is possible that some of the other gentlemen who have been addressed may send donations, and, if so, these might be used to form a nucleus for a maintenance fund, but I do not like to be too sanguine of getting favourable replies.

5. As for the old life-boat, the Sub-divisional Officer reports that nobody will buy it at Goalundo, and I beg to recommend that it be sent to Calcutta for sale there.

DISTRICT ROAD FUND.

No. 2636R.C.

GOVERNMENT OF BENGAL—PUBLIC WORKS DEPARTMENT.

Road Cess.

Dated Calcutta, the 26th May 1892.

RESOLUTION.

READ—

Letter from the Accountant-General, Bengal, No. 1255L.F., dated he 25th March 1892, submitting n abstract of receipts and expenditure of the several District Road Committees in Bengal for the quarter ending 31st December 1891.

RESOLUTION.—The Lieutenant-Governor directs that the accounts of the receipts and expenditure of the several District Road Committees in Bengal for the 3rd quarter of the year 1891-92 be published in the *Calcutta Gazette*, and circulated to the officers concerned.

ORDER.—Ordered that a copy of this Resolution, together with a copy of the abstract of receipts and expenditure, be published in the Supplement to the *Calcutta Gazette.*

Ordered also, that a copy of this Resolution, and of the abstract referred to, be forwarded to the Commissioners of the Rajshahi, Bhágalpur, Chittagong, and Chota Nagpur Divisions; to the Superintending Engineers of the Northern and Western Circles; to the Inspector of Works, Eastern Circle; and to the Financial Department of this Government, for information.

By order of the Lieutenant-Governor of Bengal,

F. J. JOHNSTONE,

Secretary to the Government of Bengal.

DISTRICT

Statement of Receipts and Expenditure of the several District Road

RECE

Districts.	Balance in treasury on 1st October 1891.	Provincial Rates.				Interest on arrears of road cess.	Public Works.			Irrigation.	Miscel	
		Cess on lands.	Cess on mines.	One per cent. road cess.	Total.		Road tolls.	Ferry tolls.	Total.	Canal tolls.	Rent of serais and staging-bungalows.	Fees, fines and forfeitures.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.	Rs. A. P.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.	Rs. A. P.
Cess Districts.												
Darjeeling ...	12,652 6 11	1,005 1 3	34 10 3	......	1,039 11 6	... ..	......	......	......	......	......	......
Hazaribagh ...	13,143 12 8	10,578 11 11	1,876 9 3	......	12,455 5 2	33 9 7	......	......	......	......	23 0 0	176 0 0
Lohardugga ...	15,817 15 10	14,792 1 0	0 4 6	......	14,792 5 6	22 6 10	......	......	......	......	51 8 0	875 15 0
Manbhoom ...	5,773 6 2	9,005 13 5	840 9 2	......	9,846 6 7	36 11 0	......	......	......	......	562 14 0	......
Total ...	47,417 9 7	35,381 11 7	2,752 1 2	......	38,133 12 9	152 11 5	......	......	......	......	637 6 0	1,051 15 0
Non-cess Districts.												
Chittagong Hill Tracts ...	16,909 5 6	......	......	......	......	......	......	......	......	......	......	......
Sonthal Pergunnahs	61,459 9 4	......	......	......	......	......	......	......	......	......	34 12 0	......
Singbhoom ...	10,872 7 3	.. ...	......	......	.. ...	......	......	......	......	......	1 0 0	6 0 0
Total ...	89,241 6 1	......	. ...	......	......	......	......	......	......	......	35 12 0	6 0 0
Grand Total ...	1,36,658 15 8	35,381 11 7	2,752 1 2	......	38,133 12 9	152 11 5	......	.....	......	......	673 2 0	1,057 15 0

EXPEN

Districts.	Refunds.			Provincial Rates.	Administration.			Stationery.	Public				
	Cess.	Other receipts.	Total.	Establishment and contingencies of office of collection.	Establishment and contingencies of Committee's office.	Percentage cost of establishment for offices of account and control.	Total.	Stationery and printing.	Original works.	Repairs.	Establishment.	Tools and plant.	Toll and ferry establishment and contingencies.
	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Cess Districts.													
Darjeeling ...	...	......	......	206 11 8	274 4 1	371 15 7	646 3 8	29 1 0	.. ...	1,621 12 7	50 0 0	......	......
Hazaribagh ...	...	.. ...	......	1,695 13 1	278 2 10	781 4 5	1,059 7 3	91 10 9	60 0 0	7,837 5 11	2,019 15 0	62 14 0	......
Lohardugga ...	...	......	......	2,010 0 3	113 2 0	1,016 3 2	1,129 5 2	8 6 0	120 0 0	4,226 2 11	2,293 13 8	173 6 9	......
Manbhoom ...	...	......	......	257 13 1	348 3 6	545 1 4	893 4 10	3 4 0	627 1 5	7,021 12 9	1,820 9 1	......	......
Total ...	...	......	......	4,360 6 1	1,013 12 5	2,714 8 6	3,728 4 11	132 5 9	807 1 5	20,707 2 2	6,184 5 9	236 4 9	......
Non-cess Districts.													
Chittagong Hill Tracts ...	...	219 12 3	219 12 3	......	......	......	......	26 12 6	......	290 5 6	1,854 10 4	......	......
Sonthal Pergunnahs	...	......	......	......	249 9 3	......	249 9 3	......	3,523 2 3	9,764 0 10	1,047 0 0	24 0 0	......
Singbhoom ...	...	......	......	1,664 4 9	129 9 6	......	129 9 5	......	2,628 9 11	2,224 13 9	[illegible] 13 0	17 2 0	......
Total ...	...	219 12 3	219 12 3	1,664 4 9	379 2 9	......	379 2 9	26 12 6	6,151 12 2	12,279 3 4	4,108 7 4	41 2 0	......
Grand Total ..	...	219 12 3	219 12 3	5,924 10 10	1,392 15 2	2,714 8 6	4,107 7 8	159 2 3	6,958 13 7	32,986 5 6	10,292 13 1	277 6 9	......

FORT WILLIAM,
The 9th March 1892.

ROAD FUND.

Committees for the Third Quarter of the year 1891-92 *ending* 31*st December* 1891.

IPTS.

LANEOUS.		Grant from Government.	Suspense Account.			Total receipts.	Balance of imprest in hands of Engineers and others, decreased.	Balance of uncashed cheques, increased.	Total receipts, including balance.	Outlay.	Balance in treasury on 31st December 1891.
Miscellaneous.	Total.		Advance.	Deposit.	Total.						
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
2,000 0 0	2,000 0 0	507 0 7	557 11 3	......	557 11 3	4,104 7 4	. ...	......	10,756 14 3	7,311 2 7	9,445 11 8
1 5 0	200 5 0	89 8 9	1,499 11 7	......	1,499 11 7	14,338 8 1	.... .	.. ..	27,482 4 9	14,456 4 10	13,025 15 11
1 7 0	928 14 0	900 0 0	106 1 4	135 0 0	241 1 4	10,884 11 8	. ...	594 6 3	33,327 1 9	10,859 2 9	22,467 15 0
2 1 0	564 15 0	......	63 2 0	......	63 2 0	10,511 2 7	......	......	16,284 8 9	11,091 8 7	5,193 0 2
2,004 13 0	3,694 2 0	1,496 9 4	2,226 10 2	135 0 0	2,361 10 2	45,838 13 8	......	594 6 3	93,850 13 6	43,718 2 9	50,132 10 9
8 10 0	8 10 0	......	......	......	......	8 10 0	......	219 12 3	17,137 11 9	2,391 8 7	14,746 3 2
510 1 3	544 13 3	......	3,462 10 10	1,240 0 0	4,702 10 10	5,247 8 1	......	2,605 13 3	69,312 14 8	17,648 0 4	51,664 14 4
62 0 0	69 0 0	...	2,100 0 0	... ..	2,100 0 0	2,169 0 0	......	......	13,041 7 3	7,966 15 0	5,074 8 3
580 11 3	622 7 3	......	5,562 10 10	1,240 0 0	6,802 10 10	7,425 2 1	. ..	2,825 9 6	99,492 1 8	28,006 7 11	71,485 9 9
2,585 8 3	4,316 9 3	1,496 9 4	7,789 5 0	1,375 0 0	9,164 5 0	53,263 15 9	.... .	3,419 15 9	1,93,342 15 2	71,724 10 8	1,21,618 4 6

DITURE.

Works.		Irrigation.	Miscellaneous.				Contribution to Provincial Government.	Suspense Account.			Total expenditure.	Balance of imprest in hands of Engineers and others, increased.	Balance of uncashed cheques, decreased.	Total outlay.
Establishment of Divisional Superintendent of Works.	Total.	Canal toll establishment and contingencies.	Staging-bungalow establishment and contingencies.	Staging-bungalow petty construction and repairs.	Miscellaneous.	Total.		Advance.	Deposit.	Total.				
Rs.	Rs. A. P.	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.	Rs. A. P.
......	1,671 12 7	... .	......	......	......	......	...	3,616 4 0	......	3,616 4 0	6,260 0 11	1,015 11 0	35 6 8	7,311 2 7
......	9,980 2 11	......	27 0 0	28 0 0	. ..	55 0 6	.	1,483 7 10	.. .	1,483 7 10	14,345 10 4	......	110 10 6	14,456 4 10
......	6,813 7 4	.... .	76 8 0	63 6 0	26 14 0	166 12 0	..	639 4 0	92 0 0	731 4 0	10,859 2 9	... ..	.. ..	10,859 2 9
......	9,163 7 3	......	......	254 3 2	......	254 3 2	...	52 0 0	150 0 0	202 0 0	11,080 0 4	11 8 3	......	11,091 8 7
......	27,934 14 1	......	103 8 0	345 9 8	26 14 0	475 15 8	...	5,770 15 10	242 0 0	6,012 15 10	42,544 14 4	1,027 3 8	146 1 2	43,718 2 9
......	2,144 15 10	......	......	......	......	......	...	....	......	... ..	2,391 8 7	......	......	2,391 8 7
......	15,258 3 1	......	205 10 0	......	. . .	205 40 0	.	1,834 10 0	.. .	1,834 10 0	17,548 0 4	100 0 0	.	17,648 0 4
......	5,077 5 11	...	69 0 0	2 4 0	7 4 6	78 8 6	...	150 0 0	243 8 0	393 8 0	7,913 4 8	...	23 10 4	7,966 15 0
......	23,080 8 10	...	274 10 0	2 4 0	7 4 6	284 2 6	...	1,984 10 0	243 8 0	2,228 2 0	27,882 13 7	100 0 0	23 10 4	28,006 7 11
......	51,015 6 11	......	378 2 0	347 13 8	34 2 6	760 2 2	...	7,755 9 10	485 8 0	8,241 1 10	70,427 11 11	1,127 3 3	169 11 6	71,724 10 8

O. T. BARROW,

Accountant-General, Bengal.

GOVERNMENT OF BENGAL, MARINE DEPARTMENT.

No. 43Mne., dated Calcutta, the 30th May 1892.

THE following report of the 19th quarterly inspection of the Dock Works at Kidderpore which are being carried out by the Commissioners of the Port of Calcutta, is published for general information.

By order of the Lieutenant-Governor of Bengal,

C. W. ODLING,

Joint-Secretary.

QUARTERLY INSPECTION OF KIDDERPORE DOCK WORKS.

Dated Calcutta, the 19th May 1892.

From—LIEUT.-COL. A. D McARTHUR, R.E., and J. D. DAVIES, ESQ.,

To—The Secretary to the Government of Bengal, Public Works Department.

AGREEABLY to the orders of the Government of Bengal received with Under-Secretary's letter No. 1161 Marine of the 11th instant, we have the honour to report that our inspection of the Kidderpore Dock Works for the quarter ending 31st March 1892 was made on the 17th instant.

It is unnecessary again to allude to the main works in detail, our report for the quarter ending 31st December last showing that all are in a complete state.

Works generally.—Additional water was pumped into the dock, full level being maintained. The dredging of the berms was proceeded with and has been nearly completed, so as to afford a minimum depth of 24 feet along the walls for the greater portion of their length. Further deepening will be carried out.

Four sheds on the west side of the dock were completed in every respect, and those to the east are rapidly approaching completion.

Great progress had been made in the minor details of work, such as compound walls, gates, railway sidings, and the clearing and finishing up of a large area within the walls.

The opportunity was afforded us of seeing the four sheds to the west lighted up with electric light. The lights were all in position and the effect very good.

Expenditure.—The total expenditure up to the quarter under review is reported to be Rs. 2,54,86,621-5-3, of which Rs. 2,29,02,442-2-9 represent outlay on works and Rs. 25,82,179-2-6 on account of land.

During the quarter under review the health of the workpeople was good. The daily average number of workmen employed was 4,267, among whom there were 4·6 per cent. deaths, thus showing a death-rate of 12·28.

Remarks.—The dock is now ready in every way for the reception of several vessels, but no berths have up to the present been utilized. The graving dock has, however, been in use.

We consider that the progress on the works in hand during the last quarter was satisfactory, and that, so far as we could judge, the quality of the work was all that could be desired.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 28th May, 1892.

Division	No.	District and date of return.	Rainfall at Sadar Station in inches	Character of the weather and state and prospects of the crops.
BENGAL.				
Burdwan Divn.	1	Burdwan May 28, '92 Katwa ... Raniganj ...	1·29 0·52 2 22	Weather—hot. Sugarcane transplanting almost finished. Ploughing general. Cattle in good condition and sufficient fodder. More rain wanted. Prices of common rice— Srs. Burdwan ... ... 13 to 16 } per rupee. Katwa ... ... 13 } Raniganj ... ... 14 }
	2	Bankura „ 28, '92 Vishnupur ...	3·71 4·03	Weather—much cooled down by recent rain and storm. The rainfall of the week has been sufficient for all agricultural operations. Supply of fodder and water now sufficient. Common rice selling at 14 seers per rupee at Vishnupur and 14 seers 1 chitak at Bankura. A flight of locusts passed over near the town of Bankura on the 16th instant. They came from the north-west and are reported to have eaten the young sugarcane leaves in places in outpost Chhetua
	3	Birbhum „ 28, '92 Rampur Hát ...	1·91 0·57	Rain has been general throughout the Sadar sub-division and has done much good. Ploughing is going on everywhere, and the ground begins to look green again. Prospects of fodder and water looking up. Price of rice from 12 to 15 seers per rupee.
	4	Midnapore „ 28, '92	1·13	Weather—hot; occasional showers of rain. Indigo doing well. Want of fodder and water felt everywhere. Prices of common rice— Srs. Sadar ... ... 13 } per rupee. Contai ... ... 13 } Tamluk ... ... 12 } Ghatál ... ... 13 }
	5	Hooghly „ 28, '92 Jahánabad ...	1·81 3·95	Weather—fair with occasional heavy storms of wind and rain. Sowing of rice and jute has begun in some parts of the district, but more is unsown for want of rain. Fodder-supply adequate. Water-supply inadequate. Prices of common rice— Srs. Sadar ... ... 10 } per rupee. Serampore ... ... 10 } Jahánabad ... ... 13 }
	6	Howrah „ 28, '92 Ulubaria ...	2·00 1·61	Frequent rain storms; temperature fairly hot. Rain has improved prospects. Cultivation commenced. Condition of cattle good. Fodder and water-supply still inadequate. Rice 10 to 12 seers per rupee.
Presidency Divn.	7	24-Parganas „ 31, '92	3·52	Weather—cloudy and unsettled with thunderstorms. Temperature hot and oppressive at times. Rain has fallen throughout the district. Prospects have improved, but more rain is wanted. Price of rice 10 to 11½ seers per rupee. Cattle-disease reported from one village in tháua Baduria. Water and fodder sufficient.
	8	Nadia „ 28, '92 Kushtia ... Meherpur ... Ranaghat ...	0·13 3·51 0·96 1·62	Weather—very hot. Sowing of *aus* nearly completed. More rain wanted for the seedlings. Coarse rice selling at from 10 seers 10 chitaks to 13 seers 5 chitaks per rupee. Some deaths of cattle reported from Jibannagar thána. Supply of fodder and water good.
	9	Khulna „ 28, '92 Bágerhat ... Satkhira ...	2·99 1·48 1·77	Weather—hot with one or two cool days. Ploughing for *áman* and sowing of *aus* going on vigorously. Prospects of *til* and sugarcane favourable in Bágerhat. More rain wanted. Coarse rice selling at from 11 to 14 seers per rupee. Supply of fodder sufficient, and want of water less felt than a month ago.
	10	Jessore „ 28, '92 Jhenida ... Magura ... Narail ... Bangaon ...	2·55 1·11 2·66 0·97 2·22	Weather—hot with occasional showers. Sowing of *áman* and jute progressing, and that of *aus* and indigo nearly over. Prospects much improved by rain. Prices stationary. Fodder and water plentiful.
	11	Murshidabad „ 28, '92	1·15	Weather—hot and cloudy with occasional showers *Bhadoi* and jute lands are being sown. *Boro* paddy almost harvested. Fodder available for cattle. Common rice selling at 12 seers per rupee.
Chittagong Divn.	12	Chittagong „ 28, '92	1·11	Weather—seasonable. Prospects of crops good. Prices stationary. Condition of cattle generally good. Supply of fodder sufficient.
	13	Noakhali „ 28, '92 Fenny ...	2·24 3·82	Weather—seasonable. State of *aus* paddy is good. Sowing of *áman* paddy has commenced. Fodder and water sufficient. No cattle-disease. Price of rice stationary.
	14	Tippera „ 28, '92	4·30	Weather—hot and cloudy. Sowing of *aus*, *áman*, and jute almost completed. *Til* and chillies being gathered. Prospects good. Cattle-disease decreasing. Prices stationary.
	15	Chittagong Hill Tracts. „ 27, '92	2·39	Weather—seasonably hot. Sowing in *jums* still going on. Paddy and other crops in *jum* progressing. Cattle-disease still prevailing. Common rice selling at 10 seers a rupee.

	No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—concld.				
DACCA DIVN.	16	Dacca May 28, '92	4·89	Weather—hot, and rain at intervals with high wind. Jute and *aus* paddy thriving, but the latter has been partially damaged in low lands owing to sudden rise of the rivers. Fodder available. No cattle-disease. Common rice selling at 12 to 15 seers per rupee.
	17	Faridpur „ 28, '92	3·39	On Sunday (22nd) there was a heavy storm which did some damage to trees and houses. Weather hot and seasonable. All young crops doing well. Common rice sells at 12 seers per rupee at Goalundo, 13 seers at Madaripur, and 13½ seers at Sadar. Cattle doing well and at present get fodder, but rivers rising and fodder will gradually become more and more difficult to procure.
	18	Backergunge „ 28, '92	1·25	Weather—hot and cloudy. State and prospects of crops fair. Ordinary rice sells at from 10 to 13 seers per rupee. Fodder and water sufficient.
	19	Mymensingh „ 28, '92	6·79	Weather—very hot. Rain at intervals. Prospects of standing crops fair. In Netrokona subdivision *aus* and jute crops have suffered from heavy rain. Common rice sells at 13 seers per rupee. Supply of fodder and water sufficient.
RAJSHAHI DIVN.	20	Dinajpur „ 28 '92 Thakurgaon ...	0·88 4·34	Weather.—hot; cloudy and rainy at times. Standing crops doing very well. Weeding continues. Preparation of land for *haimanti* rice commenced in places. Price of rice, both at Sadar and Thakurgaon, stationary. Condition of cattle good. Fodder and drinking water available.
	21	Rajshahi „ 28, '92 Nator .. Nowgong ...	2·03 3·19 1·57	Weather—hot and cloudy. Rain is expected soon. *Aus*, *áman* and jute are all prospering well after the late rain. Condition of cattle good. Fodder and water-supply sufficient. Price of rice ranges from 11 to 15 seers per rupee.
	22	Rangpur „ 30, '92 Gaibanda ... Nilphamari ... Kurigaon ... Ulipur ..	3·29 7·07 7·17 4·66 11·51	Prospect of *aus* continues favourable. Price of common rice 11 to 14 seers per rupee. Fodder sufficient.
	23	Bogra „ 28, '92 Sherpur ... Naukhila ...	2·12 2·85 2·29	Weather—variable. Frequent storms with heavy rain. Average temperature below the normal. Standing crops promise well. Some of the *káon* planted in very low lands is suffering from the heavy rain. Ploughing for *áman* progressing. In some places the *aus* is almost ripe. Slight rise in the price of common rice, which now sells at 13 seers per rupee.
	24	Pabna „ 28, 92	2·08	Weather—cloudy, rainy and hot. Prospects of standing crops good. Weeding continues. Price of common rice rose to 12 seers a rupee. Condition of cattle good. Water-supply and fodder sufficient, except at Dulai.
	25	Darjeeling „ 28, 92	3·05	Weather—rainy with occasional breaks. *Aghani* sowings in nurseries going on. Jute, *bhadoi*, *bhutta*, *kagni*, potatoes, *chhota marua* and *fafar* progressing favourably. Fodder and water-supply sufficient. Some cases of cattle-disease in the hills.
	26	Jalpaiguri „ 28, '92	6·93	Weather—cloudy and cool though hot at intervals. Rain throughout the week causing damage to *bhadoi* and jute crops in places. Fair weather wanted. Price of common rice remains stationary. Fodder-supply still sufficient. Condition of cattle good.
BIHAR.	27	Monghyr „ 28, '92 Begusarai ... Jamui ...	0·30 Nil 1·15	Weather—hot and sultry; a slight shower on the 25th. Fields ploughed, but sowing not done for want of rain. Fodder and water getting scanty. Rice 10 to 12 seers per rupee.
BHAGALPUR DIVN.	28	Bhagálpur „ 28, '92 Banka ... Madhipura ... Supaul ...	0·33 0·08 1·46 1·20	Weather—hot with easterly wind. Rain has fallen, but more rain is needed in the affected tract in Supaul. *Bhadoi* and *aghani* much benefited. Cultivation good. Fodder and water for cattle sufficient. Prospects of crops favourable. Common rice 11 seers 6 chitaks per rupee.
	29	Purnea „ 28, '92 Kishanganj ... Araria ...	1·13 3·83 3·45	Weather—hot with occasional storms. Cooler and more rain in north than at head-quarters. *Bhadoi* crop and sugarcane doing well, and recent rain has been useful for indigo which was being scorched in places. *Aghani* sowings continue. *Kauni*, *cheena* and *mung* being harvested. Fodder and water sufficient. Prices of common rice— Srs. Sadar ... ... 11 to 13 } per rupee. Araria ... ... 12 to 13 }
	30	Malda „ 28, '92 Chanchal .. Shibganj ... Gajol ...	0·69 0·63 3·02 0·27	Weather—extremely hot and oppressive till this day (28th), when it has cooled down after a little rain. Sowing of *bhadoi* and harvesting of *boro* about to be completed. Average outturn of *boro* estimated to be not less than 12 annas. Yield of mango 8 annas. Supply of fodder ample. Ordinary rice selling at from 11 to 12 seers per rupee.
	13	Sonthál Parganas „ 28, 92 Deoghur ... Godda .. Jamtara .. Pakaur .. Rajmahal ..	1·83 0·86 0·60 1·93 2·51 0·36	Good rain everywhere except in Rajmahal, Godda and Deoghur. East and south winds with storms. The rain has improved prospects, enabling ploughing to begin and helping the sugarcane. More rain wanted everywhere, but specially in Rajmahal, Godda and Dumka. Fodder still scarce. Water-supply improved. Locusts passed over last week destroying indigo in Dumka. Price of rice ranges from 10 to 13 seers per rupee.

No.	District and date of return.		Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BIHÁR—*concld.*				
Patna Division.				
32	Patna	May 28, '92	0·45	Weather—hot. Lands being prepared for *bhadoi* sowings, but more rain wanted. The rain that fell during the week will do good to the standing crops of sugarcane and *cheena*. Water and fodder getting scarce in Barh sub-division. Common rice selling at from 10 to 12½ seers per rupee. No distress reported.
	Barh	...	Nil	
	Bihár	...	0·10	
	Dinapur	...	0·21	
33	Gaya	„ 28, '92	0·57	Temperature about normal, but air rather humid. Partial rain on 26th. Sugarcane kept going by irrigation, but reported to be suffering from drought in Nawáda. *Cheena* harvest nearly completed. Prices stationary. Common rice selling at 12 seers per rupee at Sadar. Cattle are suffering from scanty supply of fodder and water.
	Aurangabad	...	0·05	
	Nawáda	...	0·09	
	Jahánabad	...	Nil	
34	Shahabad	„ 28, '92	0·37	Weather—warm. Sugarcane doing well except that now the want of water is being felt. Millet and *boro* paddy are being reaped and yielding a fair outturn. Fodder and water-supply sufficient. Prices stationary.
	Buxar	...	1·15	
	Bhabhua	...	0·29	
35	Darbhanga	„ 28, '92	1·97	Weather—cloudy. The rain has done great good, but a little more is wanted, as many *char* lands are not yet sown. *Mung* looking well and early rice also, but the latter wants more rain. Land is being prepared for *bhadoi* crops. Fodder for cattle much freshened by rain, and water also more plentiful. Common rice 10 to 11 seers per rupee.
	Madhubani	...	1·03	
	Samastipur	...	0·50	
36	Muzaffarpur	„ 28, '92	1·35	Weather—cooler and often cloudy with occasional thunderstorms. The rain has been pretty general over the district, though it has been given by storms of more or less local character. Agricultural operations are beginning all over the Sadar sub-division and part of Sitamarhi. Price of rice has fallen in Sitamarhi, being in some places over 13½ seers per rupee; elsewhere also prices show an inclination to fall.
	Hajipur	...	0·26	
	Sitamarhi	...	0·95	
37	Saran	„ 28, '92	0·48	Weather—very disturbed; thunderstorms everywhere on 22nd, smaller local storms since. High east winds. Rain has freshened indigo and *cheena*, but more is wanted for preparing land for *bhadoi*. Common rice selling as follows:— Chapra ... ... 11 Srs. Siwán ... ... 11 Srs. Gopalganj ... ... 12½ Srs. } per rupee.
	Siwán	...	0·26	
	Gopalganj	...	0·90	
38	Champaran	„ 28, '92	2·89	Weather—hot; cloudy and stormy with high east wind. Fields are being prepared for *bhadoi* paddy, and other seeds are being sown. Standing crops have been slighty benefited by the recent rain Prices stationary. Fodder and water sufficient
	Bettiah	...	1·37	
ORISSA.				
Orissa Divn.				
39	Cuttack	„ 28, '92	0·21	Weather—unsettled with thunderstorms. Local showers in parts have facilitated agricultural operations, but the rainfall up to date is quite inadequate. Prices of food-grains rising. Common rice sells at from 11 seers 13 chitaks at head-quarters to 15 seers 12 chitaks in the interior. Fodder and water-supply scanty in parts.
40	Puri	„ 26, '92	Nil	Weather—seasonable. Rain in some parts of the district. More rain wanted. Harvesting of *dalua* paddy still continues. Miscellaneous crops good. Rice sells at from 10 to 14 seers per rupee.
	Pipli	...	0·43	
	Khurda	...	1·37	
41	Balasore	„ 28, '92	2·30	Weather—stormy. Rain has been more or less general throughout the district. It enables the raiyats to plough and will give fodder for the cattle. More rain is urgently required for drinking purposes. Rice sells at 12 and 13 seers per rupee.
CHOTA NAGPUR.				
South-West Frontier Agency.				
Chota Nagpur Divn.				
42	Hazáribágh	May 28, '92	0·87	Weather—very hot and somewhat unsettled. Mango 4 to 12 annas. Sugarcane doing well. Much more rain wanted for agricultural operations. Fodder and water scanty. Common rice selling at from 11 to 13 seers per rupee.
	Giridi	...	0·89	
43	Lohardaga	„ 28, '92	1·64	Weather—very hot and cloudy. More rain is wanted for ploughing land for *gora* paddy and *gundli*. Common rice selling at 13 seers per rupee. Fodder and water not sufficient
44	Palámau	„ 27, '92	0·16	Weather—somewhat cooler. Good showers in some parts, but general rain urgently wanted. Sugarcane thriving well. Common rice 13 to 14 seers per rupee. Supply of water and fodder very short; want of water badly felt.
45	Singhbhum	„ 28, '92	2·19	Heavy rain on 23rd and 24th and a heavy shower on 25th. Weather much cooler. Clouds hanging about. The rain has been general and has done immense good. Sugarcane doing fairly well; 8 to 12 annas crop expected. Mango crop poor except in Kolhan. Ploughing operations going on everywhere. Price of common rice stationary. Fodder and water-supply much improved by the late rain.
46	Manbhum	„ 28, '92	·78	Weather—much cooler; several storms during the week. The rain has facilitated ploughing operations. Price of rice 13 to 16 seers per rupee.
	Gobindpur	...	·79	

Erratum.—In the Weather and Crop Report for the week ending 30th April 1892, published in the Supplement to the *Calcutta Gazette* of 4th May, for the rainfall of "1·16" at Sitamarhi in the Muzaffarpur district read "Nil."

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 31st May, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

The following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the Interior during the month of February, 1892.

IMPORTS INTO CALCUTTA.

Whence imported.	Rice and Paddy. Rice.	Paddy.*	Total (in rice).	Wheat.	Gram and pulses.	Other food-grains.	Food-grains Total.	Fibrous Products. Jute, raw.	Gunny-bags.†	Oilseeds. Linseed.	Mustard seed.	Tea, Indian.	Cotton, raw.	Silk, raw.	Sugar. Refined.	Unrefined.	Tobacco. Unmanufactured.	Manufactured.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
BENGAL.																		
rdwan	9,25,·25	19,380	2,37,937	......	1,453	......	2,39,391	3	10,885	56	......	4	......	8	......	319	392	......
bhum	1,54,277	......	1,54,277	......	339	33	1,54,649	1,149	6,020	......	......	......	......	402	......	......	27	3
inapur	4,21,1·2	18,383	4,32,623	......	2,561	......	4,34,984	373	6·2	6,161	......	......	......	40	......	513	22	100
oghly	,94,459	32,728	1,14,914	121	1,132	24	1,16,491	19,610	770,332	1,513	643	......	683	......	224	14,152	4,656	95
Parganas ...	2,38,674	25,792	2,54,694	......	8,8·9	......	2,63,593	9,159	541,160	119	......	......	1,227	......	12,475	43,148	4,590	187
lia	16,957	639	17,·94	1,256	61,993	549	81,092	3,576	4,300	4,281	52	......	......	158	1,087	7,352	2,037	......
lna	34,511	15,67·	43,921	......	10	......	43,933	32	70	......	......	......	......	......	10·	9,750	3	......
sore	4·,·10	11,7·0	48,222	......	7,150	......	55,372	136	2,170	377	69	......	......	......	356	35,482	1,449	......
rshidabad ...	10,147	......	10,147	1,682	6,930	405	19,164	24,08·	35	1,324	......	......	......	620	......	......	......	......
ajpur	589	......	589	......	433	......	1,022	1,616	73,310	......	......	......	......	......	......	......	......	......
shahi	836	......	836	5·0	2,520	......	8,856	2,474	175	239	6,594	......	......	319	......	......	......	......
gpur	......	......	......	......	......	......	......	18,2·6	315	......	4,056	......	1,028	......	......	......	8,262	......
ra	107	......	107	......	......	......	107	1,010	770	......	1,245	......	......	......	......	......	......	......
na	3,306	......	3,306	......	2,056	......	5,562	1,45,929	644,385	......	8,669	......	......	......	......	......	......	......
jeeling	477	......	477	......	......	......	477	1,211	149	......	......	62	......	......	......	......	......	......
paiguri	......	......	......	......	......	......	......	7,713	81,010	......	......	503	2,864	......	......	......	1,762	......
ca	26,985	......	26,985	......	3,326	......	30,311	52,353	840	......	2,337	9	4,006	......	......	......	......	......
idpur	46,873	60·	47,188	......	1,249	......	48,437	17,601	2,380	46	38,534	......	2,544	......	......	......	......	......
kergunge ...	11,71,·40	2,9·0	11,73,090	......	400	......	11,73,490	2,223	......	......	......	......	......	......	......	......	......	......
mensingh ...	17,·81	167	17,385	......	4,194	......	21,579	18,665	......	......	3,178	......	......	......	......	......	......	......
pera	35,242	......	35,242	......	......	......	35,242	......	......	......	......	......	......	......	......	326	......	......
ttagong ...	......	......	......	......	......	......	......	22,995	......	136	......	256	12,249	......	......	......	......	......
khali	13,000	......	13,030	......	......	......	13,0·0	42·	......	......	......	......	1,000	......	......	......	......	......
tal of Bengal ...	25,52,720	1,27,216	26,32,236	3,559	1,04,735	1,011	27,41,541	3,52,·15	2,089,059	14,282	65,317	894	26,192	1,554	14,242	1,11,042	23,840	885
BIHÁR.																		
na	128	......	128	2,203	40,024	6,272	48,627	5·6	1,540	6,330	2,994	......	......	3	......	1,170	436	1,408
a	......	......	......	662	2	......	664	......	3,290	8,106	5,844	......	......	......	......	1,891	......	490
habad	......	......	......	1,512	11,100	106	12,718	......	3,570	......	......	......	......	......	......	6,795	......	......
uzaffarpur ...	......	......	......	......	......	5,894	5,894	......	105	1,261	1,009	......	......	......	......	......	78	......
bhanga ...	......	......	......	300	......	942	1,242	1,057	2,380	1,895	6,585	......	......	......	......	......	184	16
an	......	......	......	......	72	......	72	......	175	......	......	......	......	......	......	......	......	......
mparan ...	......	......	......	......	......	1,256	1,256	102	70	672	3,730	......	......	......	......	......	110	......
ghyr	434	......	434	20,907	27,307	609	48,257	39·	560	520	150	......	......	......	......	172	......	5
galpur ...	11	......	11	5,559	10,014	11,040	26,624	2,137	280	3,126	10,761	......	......	......	......	......	......	......
nea	1,153	......	1,153	2,248	6,453	......	9,828	3,818	175	1,945	9,420	......	......	......	......	......	626	......
da	1,359	......	1,359	1,900	2,111	211	5,581	1,412	7	430	......	......	......	......	......	......	......	......
thal Parganas	457	......	457	446	11,731	......	12,634	302	840	......	......	......	......	93	......	4	......	......
tal of Bihár ...	3,542	......	3,542	35,711	1,07,814	26,330	1,73,897	9,750	12,985	24,174	42,642	......	......	96	......	10,038	1,434	1,917
ORISSA.																		
tack	155	......	155	......	......	......	155	......	......	......	......	......	......	......	......	......	......	......
asore	79,954	13,378	88,315	......	6,124	......	94,439	3,·36	1,500	......	697	......	27	......	......	......	150	......
al of Orissa ...	80,109	13,378	88,470	......	6,124	......	94,594	3,336	1,500	......	697	......	27	......	......	......	150	......
OTA NAGPUR.																		
á ibágh ...	......	......	......	......	......	......	......	......	315	......	......	......	......	......	......	......	......	......
gbhum ...	2,022	......	2,022	......	40	......	2,062	......	105	......	......	44	......	......	......	......	......	......
abhum ...	746	......	746	......	154	......	900	30	175	......	2	97	......	......	......	......	......	......
al of Chota Nagpur.	2,768	......	2,768	......	194	......	2,962	30	595	......	2	141	......	......	......	......	......	......
nd Total of Supplies from the Provinces under the Lieutenant-Governor of Bengal.	26,39,145	1,40,594	27,27,016	39,270	2,18,867	27,311	30,12,404	3,65,·31	2,104,139	38,456	1,68,658	1,035	26,219	1,649	14,242	1,21,080	25,424	2,302
HER PROVINCES.																		
am ...	19,758	......	19,758	......	......	......	19,758	2,124	35	53	8,225	34,755	4,739	2·3	......	......	......	......
th-Western Provinces and Oudh.	496	......	496	1,14,740	67,143	1,609	1,83,970	2,192	1,750	30,994	50,611	55	34,835	......	303	498	361	19
jab	16	......	16	451	968	710	2,125	......	......	......	......	21	1	......	......	1	1	1
tral Provinces	62,706	......	62,706	1,0·3	7,025	174	70,969	......	......	3,468	1,266	1	237	......	......	......	......	......
putana and Central India.	......	......	......	312	......	1	313	......	......	2,199	732	......	158	......	1	......	......	......
ar	......	......	......	......	......	......	......	......	......	......	......	......	1,749	......	......	......	......	......
bay	......	......	......	......	......	......	......	......	2,500	......	......	......	15,021	3	......	......	4	4
dras	......	......	......	......	......	......	......	......	6,800	......	......	......	......	......	204	......	327	187
ma	1,027	......	1,027	......	16	......	1,043	......	250	......	......	......	286	6	......	......	......	29
er places ..	......	......	......	......	158	......	158	......	31,550	......	......	......	......	......	42,488	67,104	18	498
nd Total Imports February 1892	27,23,118	1,40,594	28,11,019	1,55,816	2,94,178	29,826	32,9·,839	3,70,117	2,147,024	75,170	1,09,522	35,847	83,215	1,911	57,238	1,88,683	26,135	3,033
nd Total Imports February 1891	25,90,207	1,46,941	26,82,045	1,07,034	2,69,992	24,284	30,83,415	9,89,207	2,403,324	3,37,166	1,21,553	37,576	1,02,487	2,942	76,041	1,36,707	14,418	1,263

* One maund of paddy is equivalent to 25 seers of rice. † Exclusive of bags obtained by local manufacture.

The Sea-borne Trade of Calcutta in these Staples during the month of February 1892, *was as follows* :—

Exported from Calcutta—	Rice.	Paddy.	Total (in rice).	Wheat.	Gram and pulses.	Other food-grains.	Total.	Jute, raw.	Gunny-bags.	Linseed.	Mustard seed.	Tea, Indian.	Cotton, raw.	Silk, raw.	Sugar Refined.	Unrefined.	Tobacco Unmanufactured.	Manufactured.
Indian ports, viz.—																		
ombay ...	78,092	......	78,092	15	......	......	78,107	......	1,648,200	......	......	3,804	480	7	954	......	......	9
adras	1,22,224	......	1,22,224	2,071	20,056	1,616	1,45,967	......	28,500	......	......	5	......	214	88	......	......	17
ther ports in Madras ...	1,90,485	......	1,90,485	810	10,202	......	2,01,497	......	392,480	......	204	10	......	11	15	......	......	146
urma	41,559	......	41,559	5,466	22,475	877	70,378	......	3,835,900	......	......	112	407	31	6,578	555	828	593
ther Indian ports	......	......	......	422	3,068	......	3,490	......	365,500	......	......	8	......	......	2,254	897	1,900	358
ondicherry ...	......	......	......	269	421	......	690	......	135,400	......	......	......	......	......	......	......	......	......
tal of Inter-portal trade ...	4,32,160	......	4,32,160	9,253	56,223	2,493	5,00,129	......	6,337,980	......	204	3,969	896	263	9,889	1,442	2,207	1,123
Foreign ports— United Kingdom	2,73,913	......	2,73,913	19,075	15,270	......	3,08,258	2,31,590	977,200	1,02,784	......	77,495	720	502	......	......	......	5
Other Foreign ports	13,25,872	3,300	13,27,935	32,294	36,014	12,773	14,09,016	2,14,627	7,793,806	26,162	113	4,847	20,045	1,062	520	229	488	361
al of Foreign trade	15,99,785	3,300	16,01,848	51,369	51,284	12,773	17,17,274	4,40,217	8,771,006	1,28,946	113	82,342	20,765	1,564	520	229	488	366
nd Total Exports February 1892	20,31,945	3,300	20,34,008	60,622	1,07,507	15,266	22,17,403	4,48,217	15,107,986	1,28,946	317	86,311	21,661	1,817	10,409	1,671	2,735	1,469
nd Total Exports February 1891	17,26,056	19,692	17,39,201	5,520	84,280	4,074	17,81,075	9,02,828	14,032,915	6,79,328	77,007	52,447	38,888	1,993	4,295	947	7,408	

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of February, 1892.

IMPORTS INTO CALCUTTA.

Specification of Routes.	Food-grains.					Fibrous Products.		Oilseeds.		Tea, Indian.	Cotton, raw.	Silk, raw.	Sugar.		Tobacco.	
	Rice.	Paddy.	Wheat.	Gram and pulses.	Other food-grains.	Jute, raw.	Gunny bags.	Linseed.	Mustard seed.				Refined.	Unrefined.	Unmanufactured.	Manufactured.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
By country boats ...	20,45,170	1,01,258	11,059	68,510	7,951	78,091	1,312,144	13,915	14,815	......	3,451	57	4,201	36,705	5,046	1,400
" river steamers ...	80,103	419	...	2,507	...	1,39,603	...	3,069	11,051	32,870	5,971	21	701	2 3	33	......
" rail { E. I. Railway	4,21,410	26,606	1,44,757	1,71,822	21,875	84,637	35,035	55,401	89,192	202	40,454	1,124	304	10,778	2,119	613
" rail { E. B. S. Railway.	27,159	33	......	35,654	......	89,464	742,945	1,976	54,468	3,019	6,136	701	......	40,519	10,087	......
" road	71,285	4,9 0	......	9,587	......	10,270	24 310	74	......	......	309	...	9,338	33,374	7,755	[illegible]
" sea	78,301	7,3 6	......	6,098	......	26,177	42,610	135	497	256	26,924	9	42,6 2	67,104	495	711
Grand Total of imports in February ... 1892 ...	27,23,148	1,40,594	1,55,816	2,94,178	29,826	3 70,147	2,147,024	75,170	1,69,522	35,847	83,245	1,911	57,238	1,88,653	26,135	3,[illegible]
Grand Total of imports in February ... 1891 ...	25,90,207	1,46,941	1,07,094	2,60,932	24,284	19,89,207	2,405,334	3,37,163	1,21,553	37,575	1,02,487	2,912	76,641	1,36,707	14,418	1,263

The following Statement shows the Values, Quantities, and Numbers of the Principal Staples of Traffic exported Inland from Calcutta during the month of February, 1892.

EXPORTS FROM CALCUTTA.

Whither exported.	Cotton piece-goods. European.	Cotton piece-goods. Indian.	Cotton twist. European.	Cotton twist. Indian.	Salt.	Gunny bags.
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
BENGAL.						
Burdwan ...	3,10,070	123	630	863	28,036	142,650
Birbhum ...	1,93,830	984	92	756	13,973	89,495
Midnapore ...	2,53,030	...	3,387	...	21 110	1,016,141
Hooghly ...	1,14,520	800	683	162	2,356	44,802
24-Parganas ...	1,54,720	2,631	347	......	9,935	7,818
Nadia ...	3,50,164	......	1,396	......	13,141	30,465
Khulna ...	1,12,020	......	147	......	3,723	1,085
Jessore ...	1,61,290	...	1,174	......	13,840	8,045
Murshidabad ...	41,650	......	186	......	13,132	6,550
Dinajpur ...	1,35,230	...	337	......	6,083	2,205
Rajshahi ...	2,84,130	......	67	......	7,077	9,485
Rangpur ...	6,34,410	......	587	......	16,732	3,535
Bogra ...	3,08,980	...	46	......	4,499	12,565
Pabna ...	2 26,510	...	634	......	12,240	4,970
Darjeeling ...	2,08,250	......	511	......	4,603	1,015
Jalpaiguri ...	2,93,790	......	211	......	9,158	3,255
Dacca ...	9,11,610	...	1,954	21	31,635	18,025
Faridpur ...	1,64,810	......	634	......	20,474	20,615
Backergunge ...	2,91,160	......	1,087	......	31,825	9,730
Mymensingh ...	1,99,670	......	26	......	15,600	3,220
Tippera ...		......	......	......	4,950	...
Chittagong ...	1,23,630	......	34	......	......	64,450
Noakhali ...	......	......	......	......	3,900	500
Total of Bengal ...	53,88,174	4,538	14,170	1,802	2,88,922	1,495,621
BIHÁR.						
Patna ...	3,89,900	2,460	275	284	18,458	87,670
Gaya ...	1,86,530	...	22	997	14,055	21,490
Shahabad ...	4,81,040	369	47	868	14,313	41,055
Muzaffarpur ...	3,76 250	123	2	55	12,611	4,725
Darbhanga ...	4,84,050	......	103	705	31,763	23,415
Saran ...	3,35,860	...	23	126	11,535	3 050
Champaran ...	4,66,760	246	55	80	12,961	12,530
Monghyr ...	2,27,920	369	15	408	17,881	47,020
Bhágalpur ...	3,92,770	738	43	576	29,769	33 805
Purnea ...	1,48,820	492	192	552	14,074	16,485
Malda ...	......	......	......	......	3,825	300
Sonthal Parganas ...	2,56,060	......	122	943	14,969	29,530
Total of Bihár ...	37,45,980	4,797	899	5,594	1,93,821	325,635
ORISSA.						
Cuttack ...	[illegible],000	......	......	567	4*	21,750
Balasore ...	9[illegible]4,[illegible]0	......	1,273	4,966	16,811	279,300
Total of Orissa ...	9[illegible]430	......	1,273	5,533	16,815	301,050

Whither exported.	Cotton piece-goods. European.	Cotton piece-goods. Indian.	Cotton twist. European.	Cotton twist. Indian.	Salt.	Gunny bags.
CHOTA NAGPUR.	Rs.	Rs.	Mds.	Mds.	Mds.	No.
Hazáribágh	63,140	......	2	24	5,801	2,450
Singhbhum	25,200	......	145	1,255	1,703	10,605
Manbhum	1,19,210	......	50	1,181	17,381	23,625
Total of Chota Nagpur ...	2,07,550	...	197	2,460	24,890	36,680
Grand total of supplies into the Provinces under the Lieutenant-Governor of Bengal ...	94,30,154	9,335	16,539	15,380	5,26,451	2,158,986
OTHER PROVINCES.						
Assam	8,16,310	......	1,182	218	24,733	30,995
North-Western Provinces and Oudh	34,76,419	3,321	2,700	518	25,955	550,970
Punjab	6,91,150	70,110	825	10	......	80,280
Central Provinces	1,37,970	......	206	648	311	404,355
Rajputana and Central India	73,360	123	35	2	......	46,410
Berar	490	......	......	......	......	45,846
Bombay	8,185	1,230	2	1	......	1,049,200
Madras	37,200	......	175	2,141	......	330,980
Pondicherry	......	......	......	......	......	156,400
Burma	3,18,432	140	970	2,595	......	3,835,000
Sind	......	738	......	......	......	......
Other places	37,853	11,743	......	24	......	8,771,006
Grand Total of Exports in February 1892 ...	1,49,97,544	96 742	22,040	21,576	5,77,490	18,060,272
Grand Total of Exports in February 1891 ...	1,35,47,052	97,060	18,231	25,305	6,73,359	15,572,647

The Sea-borne Trade of Calcutta in these Staples during the month of February 1892, *was as follows:—*

IMPORTED INTO CALCUTTA—	Rs.*	Rs.	Mds.	Mds.	Mds.	No.
From Foreign Ports—						
United Kingdom	1,01,67,804	......	10,352	...	4,89,138	......
Other Foreign ports ...	23,878	......	452	10	1,90,861	31,550
Total of Foreign Trade ...	1,01,91,682	......	10,804	10	6,79,999	31,550
From Indian Ports—						
Bombay	41,931	82,337	282	9,717	33,920	2,500
Madras	...	12,607	......	967	...	6,800
Other ports in Madras ...	......	...	...	170	3,370	......
Burma	12,133	300	34	......	......	250
Other Indian ports ...	......	...	...	......	......	1,500
Total of Interportal Trade ...	54,069	95,244	316	10,854	37,290	11,050
Grand Total of Imports in February 1892 ..	1,02,45,751	95,244	11,120	10,864	7,17,28	42,600
Grand Total of Imports in February 1891 ...	98,63,158	1,28,964	11,520	8,280	7,06,439	9,228

* As per tariff declaration value.

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Calcutta during the month of February, 1892.

Specification of Routes.	Cotton piece-goods. European.	Cotton piece-goods. Indian.	Cotton twist. European.	Cotton twist. Indian.	Salt.	Gunny bags.
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
By country boats	1,35,370	900	2,022	......	2,08,647	1,088,069
" river steamers	6,82,710	......	3,465	260	25,784	62,719
" rail { East Indian Railway ...	87,86,190	81,426	5,626	10,884	2,61,548	1,679,685
" rail { Eastern Bengal State Railway ...	45,89,690	......	8,539	......	60,080	115,990
" road	1,85,044	2,531	546	130	4,450	5,523
" sea	6,18,540	11,885	2,452	10,293	16,[illegible]65	15,107,066
Grand Total of Exports in February ... 1892 ...	1,49,97,544	96,742	22,040	21,576	5,77,480	18,060,272
Grand Total of Exports in February ... 1891 ...	1,35,47,052	97,069	18,231	25,305	6,73,359	15,572,647

STATISTICAL DEPARTMENT,
The 27th May, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS. — Air pressure. — Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Wind. — Prevailing direction.	Mean wind velocity.	Temperature. — Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Puri	Puri	29·617	29·566	—	Sly	367	93·7	26th May	78·6	25th May	90·9	83·9	88·9	—	86·1
		Gopalpore	29·605	29·565	—·050	SWly	405	96·2	25th „	72·8	26th „	92·3	80·3	86·3	+0·9	85·9
		False Point	29·620	29·532	—·073	Variable	381	93·5	25th „	76·1	25th „	91·9	83·5	87·7	+1·9	87·0
	Cuttack	Cuttack	29·556	29·578	—·058	Variable	122	106·4	27th „	77·9	23 & 25 „	102·9	81·8	92·4	+1·5	87·2
	Balasore	Balasore	29·574	29 575	—·064	SSW	257	102·5	22nd „	69·9	24th „	96·4	78·6	87 5	—0·5	84·6
South-West Bengal.	South-West Midnapore, South 24-Parganas	Saugor Island	29·611	29·580	—·073	SSE	408	94·2	26 & 27 „	75·0	23rd „	93·2	81·0	87·1	0	86·5
	Midnapore	Midnapore	29·490	29·583	—·054	S	261	102·3	22 & 23 „	73·1	24th „	99·9	79 2	89·6	—1·2	85·7
	24-Parganas, Howrah, Hooghly	Calcutta	29·622	29·588	—·060	S	158	97·1	26th „	71·2	28th „	94·2	75·8	85·0	—1·5	83·9
	Burdwan	Burdwan	29·543	29·588	—·056	SWly	140	100·7	22 & 28 „	69·4	24th „	98 3	77·4	87·9	—0·7	84·7
	Bankura	Bankura	29 3[illegible]4	29·550	—·061	Calm	112	104·1	22nd „	71·1	25th „	98·4	75·3	86·9	?	82·6
	Birbhum, West Burdwan	Raniganj	29·289	29·580	—·066	ESE	73	102·5	22nd „	72·4	24th „	99·4	77·3	88 3	—3·0	82·2
	Murshidabad	Berhampore	29·577	29 592	—·063	Ely	74	96·7	26th „	74·3	24th „	94·1	76·7	85·4	—2·1	90·1
	Nadia	Krishnagar	29·599	29·591	—·049	SSE	162	98·7	26th „	73·2	24th „	96 3	77·2	86·8	—1·8	83·5
	Jessore, Khulna	Jessore	29 626	29 606	—·063	SSE	117	95·7	26th „	73·4	23rd „	93·7	76·5	85·1	—1·9	83·4
East Bengal.	Chittagong	Chittagong	29·617	29·651	—·068	SSE	106	91·7	27th „	72·1	23rd „	89·8	77·2	83·3	+0·4	83·1
	Chittagong Hill Tracts	Demagiri						Observations not received.								
	Backergunge	Barisal	29·664	29 621	—·053	Calm	102	93·3	25 & 27 May	71·9	23rd May	92·2	78·0	85·1	+0·5	83·4
	Noakhali	Noakhali	29·647	29·637	—·034	SEly	119	90·5	23rd „	70·3	23rd „	89·1	76·0	82·6	—1·2	82·5
	Faridpur	Faridpur	29·645	29·639	—·050	SEly	117	91·5	22nd „	70·5	23rd „	89·8	74 4	82·1	—2·7	81·0
	Dacca	Dacca	29 660	29 629	—·053	Variable	156	91·6	25,27,28 „	70·2	22nd „	90·7	75·2	83·0	—1·9	81·3
	Tippera	Comilla	29·660	29·643	—·046	SEly	72	91·8	27th „	70·8	22nd „	89·3	75·2	82·3	—1·9	79·9
	Mymensingh	Mymensingh	29·626	29·641	—·068	ESE	137	88·2	27th „	68·6	22nd „	84·0	74·3	79·1	—2·8	76·9
North Bengal.	Bogra	Bogra	29·591	29·604	—·047	SE	96	92·3	24 & 27 „	70·2	24th „	87·4	73·5	80·5	—4·6	78·4
	Pabna	Sirajganj	29·627	29·623	—·051	SSE	52	90·6	27th „	70·7	24 & 25 „	87·0	73·6	80·3	—4·2	79·0
	Rajshahi	Rampur Boalia.	29·582	29 601	—·055	SE	109	91·8	27 & 28 „	71·7	24th „	89·4	75·6	82·5	—4·0	80·5
	Malda	Malda	29·584	29·616	—	Sly	93	97·8	28th „	72·5	24th „	93·4	74·6	84·0	—	80·8
	Dinajpur	Dinajpur	29·553	29 624	—·061	NEly	55	91·1	27th „	71·2	22 & 24 „	86·3	73·4	79 9	—4·1	76·6
	Rangpur	Rangpur	29·568	29 645	—·036	Ely	31	90.3	27th „	70 7	22nd „	85 4	72·9	79 2	—3·0	77·1
	Jalpaiguri, Kuch Bihar	Jalpaiguri	29 395	29·633	—·061	SE	106	88·4	27, 28 „	71·1	23 & 24 „	85·4	72·8	79·1	—1·7	77·9
	Darjeeling Hill Tracts	Darjeeling	22·869	—	?	SWly	156	65·1	23rd „	51·6	24th „	62·6	53·7	58·2	—0·5	57·0
North Bihar.	Purnea, North Bhágalpur	Purnea	29·558	29·636	—·020	Ely	69	95 2	25th „	68 2	28th „	90·9	72·6	81·8	—4·0	78·9
	Muzaffarpur	Muzaffarpur	29·463	29·594	—	ESE & ENE	179	97·7	27th „	72 2	22nd „	92·9	75·8	84·4	—	80·2
	Darbhanga	Darbhanga	29·498	29·617	—·032	Ely	163	95·0	27th „	72·0	25th „	90·4	73·7	82·1	—5·1	80·6
	Champaran	Motihari	29·403	29·583	—·050	ESE	194	96·2	27th „	65·8	27th „	92·6	73·6	83·1	—4·3	80·0
	Saran	Chapra	29·425	29·558	—·057	Ely	121	114·2	28th „	71·6	22nd „	99·2	77·2	88·3	—3·0	83·8
South Bihar.	Shahabad	Dehri	29·213	29·542	—·060	Variable	181	108·4	22nd „	78·5	23 & 24 „	102·8	80·6	91·8	—0·5	85·6
		Buxar	29·371	29·561	—·048	E	177	104·4	28th „	72·8	22nd „	99 9	79·2	89·5	—2·5	86·2
		Arrah	29·414	29·554	—·048	NEly	114	102·4	27 & 28 „	72·0	22nd „	99·0	78·7	88·9	—3·1	84·2
	Gaya	Gaya	29·222	29 544	—·067	Variable	168	105·0	28th „	77 8	23rd „	102·8	82·2	92·5	—0·1	87·8
	Patna	Bankipore	29·437	29·570	—·059	E	161	103 7	28th „	71·7	22nd „	95·9	77·4	86·7	—4·2	85·7
	South Bhágalpur, Monghyr	Bhágalpur	29·461	29·574	—·051	ENE	114	99·8	27th „	74·5	24th „	96·4	76·1	86·3	—1·8	82·6
	Sonthal Parganas	Dumka	29·127	29·568	—·054	ESE	166	100·7	22nd „	71·8	20th „	98·2	77·0	87·6	—2·2	83·1
Chota Nagpur.	Hazáribágh	Hazáribágh	27·629	29·537	—·066	SSW	225	106·6	22nd „	72·3	24th „	99·8	75·7	87·8	+0·7	84·2
	Lohardaga, Palámau, Manbhum	Ranchi	27·520	29·541	—·059	Calm	126	103·0	22nd „	70·9	23rd „	98·9	74·8	86·8	—0·8	84·0
	Singhbhúm	Chaibassa	28·827	29·523	—·082	Variable	56	111·3	22nd „	74·2	24th „	103·7	79·5	91·6	—1·7	84·1
Assam.	Sibsagar	Sibsagar	29·356	29·644	—·094	Variable		92·6	28th „	72·5	22nd „	86·7	74·8	80·8	—0·6	77·8
	Goalpara	Dhubri	29 576	29·645	—·058	Variable	85	85·2	25 to 28 „	69·8	24th „	81·0	73·3	77·2	—4·6	76·1
	Cachar	Silchar	29·609	29·664	—·063	Calm		93·5	28th „	70·3	24th „	87·0	74·8	81·0	—1·2	78·7

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last
The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 28th of May 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	DISTRICT OBSERVATIONS. RAINFALL. Of week. Mean for district.	Of week. Normal mean.	Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 16th May 1892. Mean for district.	Since 16th May 1892. Normal mean.	Since 16th May 1892. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
83	6·7	0·01		0·67		3·00			1·59			1·10	Puri ...		
82	2·8	1·51											Gopalpore ...	Puri	Orissa.
61	7·6	2·17											False Point ...		
74	6·6	9·19	0·81	1·15	1·19	3·70	−2·51	0·81	2·17	−1·36	1·00	1·63	Cuttack ...	Cuttack	
76	5·6	2·15		1·17		4·79			2·51			1·71	Balasore ...	Balasore	
81	8·1	0·84	1·66	1·20	2·92	4·65	−1·73	1·66	2·24	−0·58	2·67	1·85	Saugor Island ...	South-West Midnapore; South 24-Parganas ...	South-West Bengal.
75	5·0	0·99	1·65	1·11	3·49	4·60	−1·11	1·66	1·97	−0·31	2·67	1·69	Midnapore ...	Midnapore	
87	8·6	3·51	2·56	1·76	3·36	5·54	−2·18	2·56	2·83	−0·26	3·80	2·01	Calcutta ...	24-Parganas ...; Howrah ... ...; Hooghly	
76	5·9	1·29	1·01	1·48	2·80	4·86	−2·06	1·60	2·57	−0·97	2·67	1·49	Burdwan ..	Burdwan	
85	7·4	3·71	2·67	1·34	3·30	3·79	−0·49	2·04	2·13	+0·81	3·50	1·84	Bankura ...	Bankura	
84	4·9	2·22	1·67	1·11	2·55	3·41	−0·86	1·79	1·96	−0·17	3·00	1·62	Raniganj ...	Birbhum ... ...; West Burdwan ...	
94	9·4	1·15	1·94	1·95	4·26	5·10	−0·84	3·01	3·21	−0·20	3·33	2·12	Berhampore ...	Murshidabad ...	
80	7·1	0·13	1·46	1·88	4·96	5·98	−1·02	1·86	3·61	−1·75	2·40	2·05	Krishnagar ...	Nadia	
87	6·3	2·55	2·54	1·51	6·04	6·20	−0·16	2·57	3·19	−0·62	3·33	2·17	Jessore ...	Jessore ... ...; Khulna	
85	8·3	1·09	2·09	2·77	11·29	9·93	+1·36	2·09	5·54	−3·45	2·50	2·73	Chittagong ...	Chittagong	East Bengal.
			2·78	2·64	12·17	9·95	+2·22	2·78	5·04	−2·26	3·00	3·05	Demagiri ...	Chittagong Hill Tracts	
81	9·6	1·11	1·00	1·95	5·10	7·58	−2·48	1·00	4·08	−3·08	2·00	2·52	Barisál ...	Backergunge	
87	4·6	2·26	3·03	2·91	7·68	10·31	−2·63	3·15	5·47	−2·32	3·00	2·69	Noakhali ...	Noakhali	
86	4·4	3·39	3·60	2·02	7·62	8·49	−0·87	4·19	4·35	−0·16	4·00	2·10	Faridpur ...	Faridpur	
87	8·0	4·62	3·45	2·05	7·08	8·13	−1·05	4·09	3·98	+0·11	3·50	2·79	Dacca ...	Dacca	
85	4·3	4·54	3·93	2·69	10·40	9·91	+0·49	4·15	4·59	−0·44	3·00	3·09	Comilla ...	Tippera	
90	7·1	6·79	6·63	2·72	13·72	9·97	+3·75	8·10	5·26	+2·34	4·20	3·03	Mymensingh ...	Mymensingh	
85	7·0	2·20	2·25	3·05	4·85	8·25	−3·40	3·23	5·14	−1·91	3·50	2·71	Bogra ...	Bogra	North Bengal.
87	4·3	3·33	3·20	1·92	6·96	7·18	−0·22	4·40	4·08	+0·32	3·50	2·15	Sirajganj ...	Pabna	
88	4·7	2·15	2·42	1·94	5·11	5·92	−0·81	3·91	3·54	+0·37	2·67	1·98	Rampur Boalia ...	Rajshahi	
82	4·9	0·69	1·00	1·40	1·37	4·45	−3·08	1·02	2·66	−1·64	1·50	1·57	Malda ...	Malda	
89	6·4	0·93	1·40	2·82	3·47	6·26	−2·79	1·62	4·32	−2·70	2·40	2·44	Dinajpur ...	Dinajpur	
90	3·3	3·29	3·20	3·75	15·66	11·38	+4·28	7·05	7·24	+0·71	4·00	2·65	Rangpur ...	Rangpur	
91	1·9	8·38	6·51	3·98	30·14	13·08	+17·06	18·93	8·43	+10·50	5·40	3·45	Jalpaiguri ...	Jalpaiguri ... ...; Kuch Bihar	
95	8·7	3·05	3·88	3·43	16·02	10·76	+5·26	11·44	6·56	+4·88	5·25	3·44	Darjeeling ...	Darjeeling Hill Tracts	
84	5·9	2·31	1·70	1·77	3·90	4·79	−0·80	2·86	2·81	+0·05	2·80	1·43	Purnea ...	Purnea ... ...; North Bhágalpur ...	North Bihár.
84	5·0	1·35	0·74	0·79	0·92	2·44	−1·52	0·74	1·26	−0·52	2·00	0·97	Muzaffarpur ...	Muzaffarpur	
82	5·4	1·97	1·21	0·87	1·22	2·59	−1·37	1·21	1·31	−0·10	2·33	1·00	Darbhanga ...	Darbhanga	
81	5·6	2·80	2·03	0·80	2·15	2·79	−0·64	2·03	1·46	+0·57	2·50	1·31	Motihari ...	Champaran	
76	5·0	0·48	[illegible]71	0·68	0·79	1·78	−0·99	0·79	1·07	−0·28	1·00	0·99	Chapra ..	Saran	
62	1·9	0·14											Dehri ...		South Bihár.
62	3·6	0·15	[illegible]17	0·64	0·24	1·33	−1·09	0·24	0·85	−0·61	0·80	0·60	Buxar ...	Shahabad	
73	3·0	0·37											Arrah ...		
65	5·3	0·57	0·18	0·65	0·18	1·86	−1·68	0·18	1·41	−1·23	0·25	0·73	Gaya ...	Gaya	
83	5·4	0·45	0·19	0·78	0·19	2·07	−1·88	0·19	1·40	−1·21	1·00	0·86	Bankipore ...	Patna	
73	6·4	0·33	[illegible]	0·80	0·68	2·33	−1·65	6	1·44	−0·82	1·30	0·96	Bhágalpur ...	South Bhágalpur ...; Monghyr	
77	1·9	1·83	1·44	1·39	1·81	3·72	−1·91	1·52	2·28	−0·76	2·17	1·33	Dumka ...	Sonthal Parganas ...	
56	3·7	0·88		0·81		2·40			1·62			1·12	Hazáribágh ...	Hazáribágh	Chota Nagpur.
58	3·3	1·64	0·78	0·89	0·78	2·32	−1·54	0·78	1·59	−0·81	2·00	1·26	Ranchi ...	Lohardaga	
			0·16	0·67	0·16	1·44	−1·28	0·16	1·09	−0·93	1·00	0·89		Palamau	
			0·84	0·74	1·38	2·75	−1·37	1·04	1·47	−0·43	2·00	1·33		Manbhum	
70	4·0	2·26	2·19	1·02	2·19	3·99	−1·80	2·19	2·32	−0·13	3·00	1·68	Chaibassa ...	Singbhum	
93	8·1	2·65											Sibsagar		Assam.
92	8·6	4·72											Dhubri	Assam	
88	7·7	2·20											Silchar		

ten years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean
past ten years. The means of the district are the numerical average of the rainfall returned received in the district, *i.e.*, from total rainfall at the subdivisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 28th of May 1892.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 22nd May.	Monday, 23rd May.	Tuesday, 24th May.	Wednesday 25th May.	Thursday, 26th May.	Friday, 27th May.	Saturday, 28th May.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th May 1892.	Average rainfall from 16th May to date.
ORISSA ..	Puri	Puri ...	......	......	......	......	......	......	......	Nil	Nil	0·52	Nil	2·59	Nil	1·20
		Khurda ...	......	0·05								0·88		3·49		1·94
		Banpur ...	......	......	......	0·65	0·01					0·49		1·90		0·94
		False Point ...	......	2·12	......	......	......	0·03	0·02	1	2·17	0·78	2·17	3·91	2·17	2·28
		Gop ...										?		?		?
		Satpara ...										?		?		?
		Pipli	·2									?		?		?
	Cuttack	Jagatsingpore	......	......	......	......	......	0·34	......	1	0·34	0·66	0·34	2·99	0·34	1·43
		Banki .	......	......	......	1·45	......	......	......	1	1·45	1·29	1·45	2·47	1·45	1·76
		Cuttack ...	......	0·17	......	0·04	......	......	......	1	0·21	1·73	1·75	7·29	0·57	2·96
		Kendrapara ...	......	0·42	......	0·01	......	......	0·05	1	0·48	0·91	0·48	4·16	0·48	2·08
		Jajpur ...	......	1·55	......	......	......	......	......	1	1·55	1·14	2·27	4·60	1·55	2·64
		Dharmsala ..	......	1·00	......	......	......	......	......	1	1·00	?	1·00	?	1·00	?
		Salipore ...	......	0·30	......	0·06	......	......	......	1	0·36	?	0·43	?	0·36	?
	Balasore	*Akhyapada* ...	......	1·42	......	......	......	......	......	1	1·42	?	2·80	?	1·42	?
		Chandbali ...	1·50	......	......	......	......	......	......	1	1·50	1·01	1·50	5·25	1·50	2·66
		Bhadrak ...	1·90	......	0·15	......	......	......	0·03	2	2·08	1·57	2·88	5·68	2·08	3·18
		Sorah ...	1·42	1·53	0·12	......	......	......	......	3	3·07	1·09	3·49	4·94	3·07	2·76
		Balasore ...										1·22		4·71		2·55
		Jellasore ..										0·86		3·47		1·73
		Baripodah ...	0·28	0·65	......	......	......	......	......	2	0·93	1·26	2·35	4·08	0·93	2·19
SOUTH-WEST BENGAL.	Midnapore	Contai .	......	1·17	0·03	......	......	0·04	......	1	1·24	1·13	1·46	4·39	1·24	2·06
		Saugor Island	0·02	0·57	0·05	......	......	0·20	......	2	0·84	1·18	0·84	4·67	0·84	2·50
		Tamluk .	......	1·04	0·06	......	......	......	......	1	1·10	1·24	2·02	4·96	1·10	2·40
		Midnapore ..	......	0·54	0·45	......	......	0·14	......	3	1·13	0·88	2·40	4·24	1·17	1·77
		Ghatál ..	0·13	1·76	0·49	......	......	0·33	......	4	2·71	1·21	6·06	4·60	2·71	1·78
		Kukrahaty ..	0·04	1·23	......	......	1·15	......	0·05	2	2·47	?	6·66	?	2·47	?
		Garhbeta ...	0·05	......	0·50	......	......	0·15	......	2	0·70	?	1·65	?	0·70	?
	24-Parganas ...	Diamond Harbour ...	0·13	1·07	0·10	......	1·07	......	0·54	5	2·91	1·30	6·46	4·92	2·91	2·16
		Canning Town	0·14	0·70	......	......	......	......	0·65	3	1·49	?	2·69	?	1·49	?
		Alipore Jail ...	0·91	0·90	0·43	......	0·08	0·02	1·18	4	3·52	1·94	3·82	5·69	3·52	3·02
		Barrackpore...	0·10	0·07	0·50	......	0·15	......	1·20	4	2·02	2·06	2·67	5·19	2·02	3·02
		Dum-Dum ...	0·46	0·14	0·30	......	......	0·91	1·00	5	2·81	1·86	3·90	5·75	2·81	3·14
		Barasat .	0·40	0·19	0·32	......	......	0·57	1·62	5	3·10	1·87	4·60	5·74	3·10	2·81
		Basirhat ...	......	0·18	0·13	0·67	......	......	0·98	4	1·96	1·82	2·51	6·26	1·96	3·27
	Howrah ...	Howrah .	0·95	0·24	......	0·06	......	0·75	......	3	2·00	1·68	2·52	5·31	2·00	2·64
		Mohesreka ...	0·04	0·28	0·29	......	0·07	......	0·61	3	1·29	1·86	1·61	6·05	1·29	2·37
		Uluberia ...	......	1·08	0·22	......	0·31	......	0·44	4	2·05	?	2·46	?	2·05	?
	Hooghly ..	Serampore ...	0·08	0·08	0·60	......	0·20	......	2·15	3	3·11	1·84	3·54	5·05	3·11	2·74
		Hooghly ...	......	0·16	0·43	......	......	......	1·22	3	1·81	1·61	2·88	5·16	1·81	2·88
		Jahánabad ..	0·41	0·31	0·55	......	2·68	......	......	4	3·95	1·18	5·45	4·56	3·95	2·32
	Burdwan ..	Kalna ..	......	0·37	0·12	......	0·10	......	......	3	0·59	1·11	2·85	4·63	1·51	2·21
		Burdwan ...	0·04	0·02	1·20	......	0·03	......	......	1	1·29	1·42	2·61	4·74	1·63	2·60
		Katwa ...	0·48	0·14	0·25	......	......	0·27	......	4	1·14	1·92	2·95	5·22	1·64	2·87
		Raniganj ...	......	0·02	0·29	1·17	0·74	......	......	3	2·22	0·88	2·60	2·91	2·63	1·09
		Mankur ...	......	......	......	0·13	......	......	......	1	0·13	?	2·72	?	0·75	?
	Bankura ..	Bankura ...	0·40	0·24	0·62	1·24	1·21	......	......	5	3·71	1·39	5·16	3·86	3·71	2·37
		Bishenpore ...	0·29	1·70	1·14	......	0·39	......	......	4	3·52	1·48	4·03	4·78	4·03	2·47
		Maliara ...	......	......	......	0·21	0·16	1·20	......	2	1·57	1·20	1·57	3·05	1·57	1·92
		Khatra ...	1·05	......	0·70	......	0·12	......	......	3	1·87	1·23	2·42	3·43	2·42	1·75
		Indas ...	......	......	1·20	......	2·24	......	......	2	3·44	?	4·90	?	3·83	?
		Kotalpore ...	......	0·14	1·13	......	0·15	......	......	3	1·42	?	1·42	?	1·42	?
		Anda ..	1·15	0·61	0·05	0·49	......	......	......	3	2·30	?	2·75	?	2·75	?
		Gangajalghati	......	......	0·95	0·85	0·57	0·13	......	4	2·50	?	2·50	?	2·50	?
		Raipore ...	......	......	0·62	......	0·60	......	......	2	1·22	?	2·11	?	1·22	?
		Sonamukhi ..	......	0·42	0·48	......	0·59	......	......	3	1·49	?	2·19	?	1·49	?
	Birbhum ...	Bh. Suri ..	......	......	0·71	0·80	0·35	0·05	......	3	1·91	1·26	2·18	3·77	1·91	2·19
		Hetampore ...	0·95	0·05	0·23	......	......	0·45	......	3	1·68	0·81	2·56	2·02	1·76	1·61
		Rampur Hát...	......	......	0·15	......	0·34	0·36	......	3	0·85	1·48	2·80	4·03	0·93	2·34
		Bolpore ..	0·52	......	0·35	......	......	0·45	......	3	1·32	?	2·50	?	1·59	?
		Murarai ...	......	......	0·70	0·35	0·15	1·40	......	4	2·60	?	4·54	?	3·25	?
	Nadia ..	Ranaghat .	0·02	0·57	0·26	......	0·45	0·04	......	3	1·34	1·87	4·43	5·28	1·66	3·07
		Krishnagar ...	......	......	0·11	......	0·02	......	......	1	0·13	1·52	2·15	5·47	0·30	2·78
		Chuadanga ..	......	0·21	0·09	......	0·66	1·23	0·09	3	2·28	2·05	8·07	7·19	2·43	4·51
		Meherpore ...	......	0·40	0·20	......	......	......	......	2	0·60	1·86	2·16	5·18	0·96	3·51
		Kushtia .	......	1·05	0·77	......	1·13	......	......	3	2·95	2·10	6·00	6·80	3·93	4·19
	Khulna ..	Satkhira .	0·04	0·20	0·07	......	1·41	0·50	0·06	3	2·28	1·69	5·52	5·80	2·33	3·09
		Bágerhat ..	......	0·62	0·06	......	0·80	......	......	2	1·48	1·33	5·57	6·00	1·48	2·09
		Khulna ...	......	2·[illegible]4	......	0·11	0·84	......	......	3	2·09	1·21	5·45	5·92	3·02	2·92
		Nakipur ...	......	0·18	......	......	1·04	......	2·01	3	3·23	?	4·57	?	3·23	?
		Rampal	......	0·70	......	......	0·30	......	0·08	2	1·08	?	2·60	?	1·08	?
	Jessore ...	Narail .	......	0·73	......	......	0·24	0·95	1·45	4	3·37	1·09	6·10	6·08	3·37	2·74
		Jessore ...	......	0·69	0·03	......	1·63	0·20	......	3	2·55	1·01	6·93	0·76	2·65	3·61
		Jhenidah ..	......	0·34	0·22	......	0·54	0·50	......	4	1·60	1·04	6·88	6·17	1·61	3·39
		Magura ..	0·13	1·10	......	......	1·40	0·06	0·50	4	3·19	1·84	5·94	7·50	3·23	3·94
		Bangaon ..	......	0·17	0·40	......	1·60	......	0·70	4	2·87	1·67	5·97	5·35	2·92	2·86
	Murshidabad	Kandi ...	......	0·02	0·22	......	......	0·29	......	2	0·38	1·57	2·83	4·85	1·18	2·79
		Berhampore ...	......	0·22	0·25	0·04	0·30	0·34	......	4	1·15	1·91	3·41	5·41	2·25	3·20
		Lalbagh ...	......	0·96	1·22	0·03	1·50	0·30	......	4	4·01	2·27	......	5·22	4·93	3·43
		Azimgunge ...	......	0·18	0·60	......	0·75	0·04	......	3	1·57	2·19	4·35	4·99	3·83	3·24
		Jangipur ..	0·02	0·15	1·23	0·54	0·01	0·35	......	4	2·30	1·97	5·75	4·70	2·78	3·14
		Lalgola ...	......	......	1·25	......	0·60	0·20	......	3	2·05	1·78	4·65	5·39	3·05	3·47
		Akhriganj ...	......	......	1·30	......	0·40	......	......	2	2·20	?	4·66	?	3·81	?
		Patkabari ..	0·10	0·20	......	......	......	......	......	2	0·30	?	2·50	?	0·70	?
EAST BENGAL	Chittagong ..	Cox's Bazar ...	0·38	2·16	......	......	......	......	0·53	3	3·07	2·68	10·72	10·55	3·07	5·70
		Chittagong ...	0·56	0·55	......	......	......	......	......	2	1·11	2·86	11·87	9·30	1·11	5·38
		Kutubdia ...	0·52	1·92	0·06							?		?		?
		Satkanya ...	0·32	1·33	......	......	......	......	......	2	1·65	?	7·46	?	1·65	?
	Chittagong Hill Tracts.	Rangamati ...	1·04	1·35	......	......	......	......	0·39	3	2·78	2·04	12·17	9·95	2·78	5·04
		Bundarban ...	0·06	2·30								?		?		?
	Backergunge	Patuakhali ...	......	0·55	......	......	0·07	0·26	0·02	2	0·90	2·43	4·01	8·30	0·90	4·85
		Pirojpur ..	......	1·00	0·05	......	0·29	0·20	......	3	1·54	1·42	4·87	0·75	1·54	3·37
		Barisal ..	......	0·55	......	......	0·65	0·05	......	2	1·25	1·91	6·26	8·04	1·25	3·95
		Gournaddi ...	......	1·74	......	......	......	......	......	1	1·74	?	8·72	?	1·74	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 28th of May 1892—contd.

Meteorological division.	District.	Station.	Rainfall. Sunday, 22nd May.	Monday, 23rd May.	Tuesday, 24th May.	Wednesday, 25th May.	Thursday, 26th May.	Friday, 27th May.	Saturday, 28th May.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th May 1892.	Average rainfall from 16th May to date.
EAST BENGAL —concld.		Bhola ...	......	0·24	......	......	0·07	......	......	1	0·31	2·02	5·20	7·21	0·31	4·13
		Daulatkhan ...	......	0·09	......	......	0·19	2·96	......	3	3·84	?	?	?	3·84	?
		Bauphal ...	......	1·14	......	......	1·32	0·87	......	3	3·33	?	10·05	?	5·15	?
	Noakhali ...	Noakhali ...	0·10	1·19	......	......	......	0·95	......	3	2·24	2·73	5·75	10·07	2·24	5·29
		Fenny ...	2·60	0·92	......	0·30	......	......	......	3	3·82	3·09	9·62	11·06	4·07	5·64
		Harishpore ...	......	0·75	0·11	0·53						?		?		?
		Ramganj ...	......	1·01	......	......	......	......	......	1	1·01	?	5·04	?	1·01	?
	Faridpur ...	Madaripur ...	......	1·44	......	......	1·34	0·08	0·32	3	3·16	1·72	8·77	8·66	3·16	4·17
		Faridpur ...	0·20	2·00	0·12	......	1·30	0·08	......	4	3·68	2·70	7·75	9·26	4·9[illegible]	5·12
		Goalundo ...	1·54	0·92	0·64	......	0·71	0·14	......	5	3·95	1·64	6·36	7·56	4·46	3·76
	Dacca ...	Munshiganj ...	1·37	2·98	......	......	......	0·32	......	3	4·67	2·39	8·51	8·85	4·94	4·39
		Dacca ...	1·70	3·04	......	0·11	0·04	......	......	3	4·80	1·90	7·65	8·52	4·93	4·08
		Narainganj ...	1·72	1·21	......	0·03	0·05	0·04	0·03	2	3·08	2·18	6·88	7·12	3·17	3·60
		Manikganj ...	0·63	1·20	0·37	0·22	0·13	......	0·22	6	2·77	1·75	5·28	7·90	3·32	3·88
		Joydebpore ...	1·09	0·21	0·04	1·48	0·03	......	......	4	2·85	?	7·49	?	3·25	?
	Hill Tippera	Agartola ...	2·88	0·16	......	......	......	......	......	2	3·34	2·97	8·10	10·64	3·34	4·82
	Tippera ...	Comilla ...	2·12	1·94	......	0·30	......	......	......	3	4·36	3·08	10·25	10·06	4·36	5·24
		Chandpore ...	0·04	1·64	......	......	0·34	2·56	......	3	4·58	2·47	13·50	8·48	4·98	3·63
		Brahmanbaria	2·98	0·12	......	0·25	0·10	......	......	4	3·45	2·23	12·14	10·41	3·93	4·65
		Ramchandrapore ...										?		?		?
		Nasirnagar ...	2·10	......	......	0·50	......	......	......	2	2·60	?	8·00	?	2·60	?
		Daudkandi ...										?		?		?
		Kasba ...	1·03	1·17	0·50	......	0·30	......	......	4	3·00	?	5·60	?	3·00	?
		Laksham ...	2·50	......	......	......	......	1·45	......	2	3·95	?	9·50	?	3·95	?
	Mymensingh .	Kishoregunge	5·32	0·12	0·62	1·96	......	......	......	4	8·02	3·03	17·05	10·65	10·01	5·38
		Atia (*Tangail*)	1·21	0·07	0·30	2·17	......	......	0·14	4	3·89	1·63	7·96	6·87	5·22	3·44
		Mymensingh ...	4·38	0·03	0·35	1·49	......	.	0·54	4	6·79	2·77	16·19	11·46	9·19	6·22
		Jamálpur .	1·95	0·32	1·45	1·25	......	......	0·06	4	5·03	2·17	10·34	9·12	5·08	4·35
		Natrokona	6·81	0·26	......	1·39	......	0·75	0·18	5	9·40	3·99	16·77	11·76	10·97	6·88
		Subornakhally	0·68	......	0·37	1·32	......	......	......	3	2·57	?	6·05	?	3·41	?
		Durgapore ...	4·10	0·50	0·23	2·30						?		?		?
		Sherepore Town	0·87	0·24	0·42	1·46	......	......	......	4	2·97	?	13·51	?	7·14	?
		Dewanganj ...	0·32	......								?		?		?
NORTH BENGAL.	Pabna ...	Pabna .	......	1·72	0·11	......	......	......	0·25	3	2·08	1·59	6·64	6·67	3·46	3·88
		Sirajganj ...	1·12	1·01	0·41	1·79	......	......	......	4	4·33	2·24	7·28	7·67	5·34	4·46
	Bogra ..	Sherepore ...	1·20	......	0·75	0·90	......	......	0·31	4	3·16	3·06	5·56	8·86	3·61	5·41
		Nowkhilla ...	0·45	0·19	0·62	0·50	......	......	......	4	1·76	3·39	6·01	7·50	3·57	4·65
		Bogra ..	0·05	0·02	1·47	0·35	......	......	0·31	3	2·20	2·79	4·45	8·72	3·41	5·52
		Panchbibi ..	......	0·21	......	0·50	......	1·19	......	3	1·90	2·97	3·39	7·95	2·32	4·94
	Rajshahi ...	Boalia .	......	0·29	1·60	0·06	0·08	.	......	2	2·03	1·37	3·80	4·95	2·72	2·77
		Nator .	......	0·80	1·33	0·83	0·23	..	......	4	3·19	1·39	8·07	6·08	5·92	3·28
		Naogaon .	......	......	......	1·42	......	......	0·61	2	2·03	3·06	3·44	6·75	3·09	4·57
		Latpore .	1·10	0·82	1·16	......	......	..	......	3	3·08	?	5·45	?	4·60	?
		Manda ...	......	0·60	0·15	......	......	......	......	2	0·75	?	2·70	?	1·85	?
	Malda ..	Malda ...	......	......	0·22	0·02	......	......	0·45	1	0·69	1·61	0·76	4·04	0·75	2·66
		Chanchal ...	......	......	......	......	0·62	......	0·68	2	1·30	1·20	1·96	1·84	1·31	2·67
		Gajol ...	......	......	0·23	......	......	......	1·60	2	1·83	?	2·38	?	1·87	?
		Sibganj ...	......	......	2·10	0·22	0·20	0·03	......	3	2·55	?	3·80	?	3·69	?
	Dinajpur	Mohadebpore	......	......	0·20	......	......	......	......	1	0·20	3·10	1·30	6·55	0·58	4·40
		Churamon .	......	......	......	0·14	0·38	......	1·62	3	2·14	2·45	3·80	4·81	2·21	3·06
		Raigunge ...	0·03	......	0·15	1·15	......	......	1·28	4	2·61	1·86	4·[illegible]8	6·02	2·91	3·82
		Dinajpur ..	0·04	0·03	0·09	0·64	......	......	0·08	1	0·88	2·51	6·80	7·02	2·78	4·66
		Baloorghat ...	......	......	......	0·77	0·15	0·23	......	3	1·15	3·79	2·50	6·91	1·21	5·64
		Thakoorgaon	......	0·45	0·07	......	......	2·02	0·30	3	2·84	?	9·83	?	7·06	?
	Rangpur ..	Bhawanigunge (*Gyabanda*)	1·93	0·35	......	0·44	......	1·12	0·12	5	3·96	3·01	16·17	9·19	8·31	5·17
		Rangpur	1·52	0·17	......	1·32	......	0·28	......	4	3·29	3·12	15·07	10·40	8·74	6·81
		Kurigram ...	1·34	0·21	......	0·41	......	0·08	......	3	2·01	4·63	16·39	13·79	5·71	8·25
		Bagdogra (*Nilphamari*)	1·21	0·34	......	0·22	......	1·72	0·02	4	3·51	4·23	16·02	12·12	9·05	8·46
		Ulipore ...	2·35	0·27	......	1·12	0·24	......	......	4	3·98	?	23·66	?	11·59	?
	Jalpaiguri ...	Jalpaiguri ..	0·06	0·68	0·55	0·01	2·32	0·06	3·25	4	6·93	3·89	26·22	12·24	20·72	8·08
		Alipore Dooar	......	0·83	1·73	0·25	1·43	0·26	0·30	6	4·79	?	26·63	?	18·00	?
		Fallacotta ...	0·54	......	2·71	......	2·8	0·23	2·82	5	9·14	?	20·43	?	19·06	?
		Debiganj ...	0·27	0·25	0·14	0·34	......	2·00	......	5	3·00	?	13·85	?	7·79	?
		Bhagatpore (Nagrakatta)	0·40	0·31	0·16	0·25	1·70	......	3·38	6	6·20	?	33·80	?	22·79	?
	Kuch Bihar ..	Dinhatta ...	1·27	0·24	1·39	0·03	0·04	3·63	0·24	5	6·84	4·07	29·10	13·00	17·33	8·97
		Kuch Bihar ..	0·91	0·44	3·21	0·19	2·08	0·08	1·03	6	8·53	4·17	30·27	14·94	22·14	8·84
		Mickilgunge ...	0·20	0·95	1·20	1·80	1·02	1·28	......	6	6·45	3·88	26·47	11·84	18·19	8·13
		Mathabhanga	0·30	0·90	1·73	0·18	0·33	0·35	......	6	3·79	3·89	29·64	12·51	16·24	8·06
	Darjeeling Hill.	Buxa ..	0·64	0·91	0·46	0·76	1·28	0·29	0·44	7	4·78	5·19	29·59	20·17	21·98	11·79
		Silliguri .	0·13	......	0·11	......	1·78	......	2·80	4	4·82	4·40	13·58	9·56	9·80	6·94
		Darjeeling ..	0·55	0·01	0·14	0·05	0·29	0·90	1·11	5	3·05	2·46	12·52	8·19	8·01	4·83
		Kalimpong ..	0·23	0·08	0·37	0·65	1·10	......	0·43	5	2·86	1·66	8·41	5·11	5·80	2·65
		Kurseong ...	0·13	0·57	0·72	0·09	0·60	0·03	0·11	5	3·05	?	11·65	?	6·61	?
NORTH BIHÁR	Purnea ...	Kishanganj ...	......	0·40	......	0·13	0·08	......	0·19	3	0·80	2·39	6·14	6·24	4·02	4·00
		Araria .	......	0·87	......	......	......	......	0·40	2	1·27	2·04	5·15	5·81	3·85	3·18
		Purnea ...	......	0·23	......	0·00	......	......	1·18	3	2·31	1·79	4·01	4·27	2·32	2·73
		Gondwara (Korah) ...	......	0·45	0·17	0·55	......	......	1·36	4	2·53	?	2·05	?	2·53	?
		Barsoe ...	0·13	......	0·97	......	......	......	1·71	3	2·81	?	4·56	?	2·86	?
		Forbesganj ...	......	1·12	......	0·05	......		0·43	2	1·60	?	6·97	?	4·26	?
		Kaliaganj ...	......	0·40	0·70	......	0·23	0·50	0·10	5	1·93	?	10·16	?	8·56	?
	North Bhágalpur.	Madhipura ...	......	1·00	......	0·46	......	......	0·24	3	1·70	1·15	2·02	3·83	1·70	1·95
		Bongaon	0·50													
		Supaul ..	......	0·60	......	0·60	......	......	1·22	3	2·42	1·50	2·71	3·81	2·42	2·21
		Protabganj ...	......	0·55	......	......	......	......	1·00	2	1·55	?	4·49	?	2·99	?
	Darbhanga ...	Tájpur ...	0·50	......	......	......	......		......	1	0·50	0·72	0·50	2·17	0·50	1·02
		Darbhanga ...	......	0·69	......	1·02	......	0·26	......	3	1·97	0·89	2·00	2·05	1·97	1·34
		Madhubani ...	......	0·83	......	0·20	......	0·13	......	3	1·16	1·00	1·16	2·94	1·16	1·57
		Bahera ...	......	0·48	......	......	......	......	0·12	2	0·60	?	0·60	?	0·60	?
		Roshera ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Muzaffarpur...	Sitamarhi ...	......	0·75	......	......	0·20	0·22	0·06	3	1·23	0·78	1·78	2·08	1·23	1·29
		Muzaffarpur	......	0·63	......	......	......	0·10	......	2	0·73	0·83	0·73	2·70	0·73	1·41
		Hajipur ...	0·26	......	......	......	......	......	......	1	0·26	0·75	0·26	1·97	0·26	1·06
		Paru ...	1·35	......	......	......	......	......	......	1	1·35	?	1·35	?	1·35	?
		Mahua ...	0·38	......	......	......	......	......	......	1	0·38	?	0·38	?	0·38	?
		Siuhar ...	......	......	......	......	......	0·90	......	1	0·90	?	1·28	?	0·90	?
		Pupri ...	......	......	0·43	......	......	......	......	1	0·43	?	0·93	?	0·43	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 28th of May 1892—concld.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL—			Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th May 1892.	Average rainfall from 16th May to date.
			Sunday, 22nd May.	Monday, 23rd May.	Tuesday, 24th May.	Wednesday, 25th May.	Thursday, 26th May.	Friday, 27th May.	Saturday, 28th May.	Number of rainy days.	Rainfall of week.	Average normal rainfall of week.				
NORTH BIHÁR —*concluded.*	Champaran ...	Motihari ...	0·49	......	......	0·60	1·80	......	......	3	2·89	0·90	3·09	2·77	2·89	1·59
		Bettiah ...	0·84	......	......	0·33	......	......	......	2	1·17	0·60	1·21	2·77	1·17	1·32
		Bagaha ...	0·50	......	0·32	......	......	......	......	2	0·82	?	0·82	?	0·82	?
		Burhurwa ...	0·42	......	......	......	......	......	......	1	0·42	?	0·42	?	0·42	?
	Saran ...	Gopalgunge ...	0·70	0·20	......	......	......	......	......	2	0·90	0·69	0·90	1·68	0·90	1·09
		Siwán	0·02									0·57		1·79		1·13
		Chapra ...	1·22	......	......	......	......	......	......	1	1·22	0·77	1·22	1·66	1·22	0·97
SOUTH BIHÁR	Shahabad ...	Buxar ...	......	0·15	......	......	......	......	......	1	0·15	0·52	0·15	1·04	0·15	0·68
		Dehri	......	......	......	......	0·14	......	......	1	0·14	1·05	0·16	1·44	0·14	1·14
		Bhabhua ...	0·10	0·19	......	......	......	......	......	2	0·29	0·34	0·29	1·24	0·29	0·61
		Sasarám ...	......	......	......	......	......	......	......	Nil	Nil	0·48	Nil	1·25	Nil	0·72
		Arrah ...	......	0·35	......	......	......	......	......	1	0·35	0·81	0·70	1·75	0·70	1·17
		Mohaniah ..										?		?		?
		Khiri ...										?		?		?
		Ageaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rammagor ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Koath ...	......	0·09	......	......	......	......	......	Nil	0·09	?	0·09	?	0·09	?
		Sikroul ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bassowan ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Menaharpur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Gaya	Aurangabad ...	0·02	0·03	......	......	......	......	......	Nil	0·05	0·70	0·05	1·71	0·05	1·82
		Gaya ...	......	0·01	......	......	......	0·56	......	1	0·57	0·43	0·57	1·71	0·57	1·40
		Nawádah ...	......	......	......	0·09	......	......	......	Nil	0·09	0·54	0·09	2·02	0·09	1·46
		Jahánabad ...	......	......	......	......	......	......	......	Nil	Nil	0·94	Nil	1·96	Nil	1·46
		Arwal	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Daudnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sherghati ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rajauli ...	......	......	0·07	......	......	......	......	Nil	0·07	?	0·07	?	0·07	?
		Pakri Barawan	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Patna	Patna ...	0·35	......	......	......	0·10	......	......	2	0·45	0·97	0·45	2·18	0·45	1·47
		Dinapore .	0·21	......	......	......	......	......	......	1	0·21	0·76	0·21	1·73	0·21	1·15
		Bihár ...	......	0·10	......	......	......	......	......	1	0·10	0·77	0·10	2·24	0·10	1·60
		Barh ...	......	......	......	......	......	......	......	Nil	Nil	0·61	Nil	2·11	Nil	1·35
		Bickram ...	......	0·20	......	......	......	......	......	1	0·20	?	0·20	?	0·20	?
		Hilsa .	0·35	......	......	0·	......	......	......	2	0·80	?	0·80	?	0·80	?
	Monghyr ...	Begusarai ...	......	......	......	......	0·27	......	......	1	0·27	0·72	0·27	2·14	0·27	1·29
		Monghyr	......	......	......	0·30	......	......	......	1	0·30	0·81	0·35	2·30	0·30	1·59
		Jamui ...	......	......	......	0·19	0·96	......	......	2	1·15	0·75	1·15	2·11	1·15	1·31
		Goori ..	......	......	......	......	0·15	......	......	1	0·15	?	0·15	?	0·15	?
		Sheikpura ...	......	0·15	......	......	......	......	......	1	0·15	?	0·15	?	0·15	?
	South Bhágalpur	Bhágalpur ..	......	......	0·17	......	0·09	0·07	......	1	0·33	0·68	0·47	2·36	0·33	1·49
		Bánka ...	......	......	0·05	......	0·03	1·00	......	1	1·08	0·96	1·18	2·74	1·08	1·52
		Kolgong ...	......	......	0·54	......	......	......	......	1	0·54	?	0·54	?	0·54	?
	Sonthal Parganas.	Rajmahal ...	......	......	......	0·36	......	......	0·05	1	0·41	1·69	0·41	4·80	0·41	2·83
		Godda ...	......	......	......	......	0·60	0·13	......	2	0·73	1·43	1·16	3·43	0·73	2·17
		Pakour	......	......	0·02	0·14	1·89	0·70	......	3	2·75	2·02	3·58	4·29	3·23	3·13
		Naya Dumka	0·11	......	......	......	1·61	0·11	......	3	1·83	1·14	2·34	3·24	1·83	2·01
		Deoghur	......	......	0·82	0·04	......	......	......	1	0·86	0·94	0·91	2·09	0·86	1·60
		Jamtara ...	......	......	1·79	0·14	......	0·13	......	3	2·06	1·09	2·45	3·54	2·06	1·94
		Mohagama ..										?		?		?
		Nanihat ...	......	......	1·02	0·41	......	......	......	2	1·43	?	1·85	?	1·43	?
CHOTA NAGPUR.	Hazáribágh	Pachamba (*Giridi*). ...	......	......	0·20	0·05	0·79	......	......	2	1·04	0·79	1·23	2·32	1·04	1·63
		Hazáribágh ..	......	0·26	0·29	0·01	0·32	......	......	3	0·88	0·84	0·88	2·36	0·88	1·61
		Semtagurah										0·56		2·48		1·62
		Mahudi Hills										0·82		2·23		1·60
		Jhoomra Hills										1·03		2·59		1·63
		Barhi ..	......	0·30	......	......	0·07	......	......	1	0·37	?	0·48	?	0·37	?
		Chatra ...	......	0·11	......	0·14	......	......	......	2	0·25	?	0·25	?	0·25	?
		Karagdeha	......	0·57	......	......	0·30	......	......	2	0·87	?	1·14	?	0·87	?
		Ramghar ...	......	1·00	1·00	......	......	......	......	2	2·00	?	2·00	?	2·00	?
	Lohardaga ..	Lohardaga ...	0·18	0·27	......	......	......	......	......	2	0·45	0·99	0·45	2·56	0·45	1·80
		Ranchi ...	0·05	0·52	......	0·54	......	......	......	2	1·11	1·01	1·11	2·97	1·11	1·89
		Silli ...										?		?		?
	Palámau ...	Palámau	......	0·16	......	......	......	......	......	1	0·16	0·67	0·16	1·44	0·16	1·09
		Balumath	......	0·20	0·02	......	......	......	......	1	0·22	?	0·22	?	0·22	?
		Hosseinabad	......	0·98	......	0·02	......	......	......	1	1·00	?	1·00	?	1·00	?
		Garwah ...	0·15	......	......	......	......	......	......	1	0·15	?	0·15	?	0·15	?
	Singbhum ...	Chaibassa ...	......	0·65	1·34	0·20	......	......	......	3	2·19	1·02	2·19	3·99	2·19	2·32
		Chakradharpore.										?		?		?
		Ghatsilla	1·30	0·13								?				?
		Manoharpur	......	0·60	0·64	......	......	......	......	2	1·24	?	1·39	?	1·39	?
	Manbhum ..	Purulia ...	0·06	0·22	......	......	0·50	......	......	2	0·78	0·84	1·12	2·50	1·12	1·71
		Gobindpur .	......	......	0·19	......	......	0·70	......	2	0·89	0·64	1·82	2·00	0·95	1·33
		Raghunathpore	......	......	0·04	0·25	0·32	......	......	3	1·21	?	1·94	?	1·21	?
		Barrabhum	......	......	......	0·50	......	......	......	1	0·50	?	0·50	?	0·50	?
		Jhalda ...	......	0·50	......	0·43	0·09	......	......	2	1·02	?	1·02	?	1·02	?
		Chas ..	1·70	......	......	0·11	......	......	0·02	2	1·83	?	1·83	?	1·83	
		Pandra ...	......	......	0·57	0·11	0·04	......	......	3	0·72	?	0·74	?	0·72	

Explanation.—......indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the* 31*st May* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 28TH OF MAY 1892.

AT the close of the previous week conditions had become disturbed over the greater part of the province from the formation of a feeble barometric depression over the western districts, and with these conditions local storms with rain were general in almost all districts. On the 22nd, or the first day of the present week, the centre of the feeble barometric depression changed its position to Chota Nagpur, where pressure was more than 0·15" in defect at Hazáribágh. The depression caused a very distinct tendency to a cyclonic circulation of winds round a centre to the east of Hazáribágh, and with the depression existing over the province, rather strong winds were reported in Bengal and at the head of the Bay. On the 23rd the depression had to a considerable extent filled up or had moved away from the province, but the barometric changes were very irregular, showing that the disturbed state of the atmosphere still existed. These irregular changes of pressure continued in Bengal on the 24th, but rather more important changes occurred on this day in the Bay, where a barometric depression appeared in the Andaman Sea, while there was also a tendency to low pressure off the South Orissa and Ganjam coasts. On the morning of the 25th, the wind directions in Bengal had become very irregular, and at a good many stations north-easterly winds were reported, showing slight indraught towards the Bay, and the feeble barometric depressions appeared still to exist off the South Orissa coast and in the Gulf of Martaban, but the pressure changes on this day in Bengal were small. On the 26th the two feeble depressions in the Bay filled up, and pressure distribution and wind directions became a little more normal, while on the 27th pressure rose slowly in Bengal and the distribution became practically normal for the day, and the winds also became of directions varying from southerly in the southern districts, though south-easterly, to easterly in the north of the province. On the 28th the pressure changes were comparatively small, though usually there was a fall, and pressure was again becoming below the normal particularly in Bihár, but winds continued fairly normal in direction on this day. For the greater part of the week, therefore, it will be seen that conditions were very decidedly disturbed in Bengal, though towards its close weather was more normal. Hence during the earlier part of the week local storms with rain occurred at almost all stations in the province, but towards the end of the week they became decidedly less numerous, and had practically ceased to occur in Orissa, Bihár, and Chota Nagpur, and over the greater part of East and South-West Bengal, though they were still rather numerous in North Bengal and the adjoining parts of North Bihár.

In the Bay the south-west monsoon current has been blowing fairly steadily and rather strongly throughout the week, and the barometric depression which occurred in the Andaman Sea and moved into the Gulf of Martaban and Burma in the middle of the week was probably formed in front of this current, for it gave exceedingly heavy rain to some of the Burma stations. During the week, therefore, the true south-west monsoon current has probably advanced well into the centre of the Bay and, as is usually the case, it is making itself felt first at the eastern stations.

Pressure.—The mean pressure for the week has been below the normal in all districts, the usual defect being from about 0·05" to 0·07", but the defects have been smallest at some of the northern stations, where at Rangpur, Purnea, and Darbhanga they equal only about 0·03." In Assam the average defect for the week has equalled 0·072", and it has been largest at Sibsagar, where it is 0·09."

Temperature.—Owing to the rather heavy rainfall during the week there has been a rather rapid fall of temperature, and the mean temperature of the province for the week is below the normal instead of above it, as has been the case for so long a time. The defect for the week in North Bengal and North Bihár equals about 4°, and elsewhere about 1° or 2°, and the mean temperature for the whole province has been 1·7° below the normal. In Assam the defect has been 2·1°.

Rainfall—Has been moderately heavy in all districts except South Bihár, where the fall is only about two-thirds of the normal amount. On the other hand, falls considerably in excess of the normal amounts are reported in East and South-West Bengal and North Bihár. Average falls of three to four inches have occurred in East and North Bengal, a fall of two inches in South-West Bengal, falls of an inch to an inch and-a-half in Orissa, North Bihár, and Chota Nagpur, and a fall of about two-thirds of an inch in South Bihár.

In most districts these falls have been fairly equally distributed, but in South Bihár, Shahabad, Gaya, and Patna have received very little rain, Monghyr has received very considerable amounts, and the Sonthal Parganas district a fall rather larger than the normal for the week.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 28th of May 1892:—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th May 1892.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	106·4	60·9	94·0	81·4	88·2	+1·0	1·00	1·03	—0·03	1·30	1·52	—0·22	1·20	3·96	1·00	2·15
South-West Bengal ...	104·1	69·4	96·4	77·4	86·9	—1·5	2·07	1·57	+0·50	3·20	1·94	+1·26	4·00	5·15	2·34	2·78
East Bengal	93·3	68·6	89·2	75·9	82·5	—1·4	3·60	2·42	+1·18	3·44	2·77	+0·67	9·25	9·15	4·05	4·65
North Bengal	97·8	70·2	87·8	73·8	80·8	—3·6	3·08	2·95	+0·13	3·48	2·57	+0·91	11·37	8·67	6·87	5·46
North Bihár	114·2	65·8	93·2	74·6	83·9	—4·1	1·38	1·09	+0·29	2·20	1·17	+1·03	2·04	3·12	1·64	1·74
South Bihár	108·4	71·7	99·3	78·7	89·0	—2·1	0·60	0·89	—0·29	1·17	0·95	+0·22	0·69	2·35	0·63	1·52
Chota Nagpur	111·3	70·9	100·8	76·7	88·7	—0·6	0·93	0·84	+0·09	2·28	1·25	+1·03	1·05	2·60	0·97	1·65
Assam	93·5	69·8	84·9	74·3	79·7	—2·1										

METEOROLOGICAL OFFICE, BENGAL,
The 31*st May* 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 22nd to 28th May 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature.						Hygrometry.			Rainfall past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
May ...	22nd ...	29·596	85·0	93·2	16·4	76·8	86·6	82·5	1·05	80·9	84	0·83
" ...	23rd ...	·648	84·8	95·8	22·0	73·8	86·2	80·5	·965	78·2	77	0·74
" ...	24th ...	·673	83·9	94·0	20·2	73·8	89·9	82·5	1·010	79·5	72	0·35
" ...	25th ...	·612	89·6	99·1	19·1	80·0	91·6	83·5	1·040	80·4	70	...
" ...	26th ...	·658	86·0	95·2	18·4	76·8	87·1	83·5	1·100	82·1	86	0·77
" ...	27th ...	·679	88·9	97·0	16·2	80·8	93·2	85·3	1·110	82·4	71	...
" ...	28th ...	·637	84·3	96·0	23·4	72·6	91·4	85·6	1·150	83·5	78	1·20

	Inches.
The mean 10 A.M. pressure of the seven days	29·643
	°
The mean temperature of the seven days	86·1
The extreme variation of temperature	26·5
The maximum temperature	99·1
	%
The mean 10 A.M. relative humidity of the seven days	77
The total fall of rain from 22nd to 28th May 1892	3·89 inches.

The daily mean temperatures are the crude means of maximum and minimum temperatures.

J. H. GILLILAND,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
The 30*th May* 1892.

Results of the Meteorological Observations taken at the Alipore Observatory from 22nd to 28th May 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature.				Hygrometry.				Wind.		Rain.	Weather.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension	Dew point.	Humidity.	Prevailing direction	Miles recorded.		
		°	′	Inches.	°	°	°	°	°	Inches	°	%			Inches.	
May	22nd	142·5	0·6	29·524	86·0	92·4	16·7	75·7	80·7	0·980	78·6	78	SSW and variable	271	0·71	Chiefly cloudy, o, g, d, p, t, <.
,,	23rd	149·5	7·2	·554	83·7	94·4	20·6	73·8	77·2	·851	74·4	74	SSW and variable	145	0·27	Partially cloudy, o, g, p, t, <.
,,	24th	153·0	5·5	·574	83·9	92·1	18·9	73·2	78·6	·911	76·4	79	SSE and SSW ...	94	0·10	Partially cloudy, p, lr.
,,	25th	153·5	8·4	·568	87·3	97·1	17·4	79·7	81·2	·986	78·8	77	S, SSE and variable.	107	Nil	Partially cloudy, o, t, ⌓.
,,	26th	157·5	3·7	·588	84·9	93·6	17·1	76·5	80·8	·998	79·2	84	SE by S, S and variable.	97	0·27	Chiefly cloudy, o, t, d, p.
,,	27th	152·4	5·5	·622	83·9	94·6	23·6	71·0	79·5	·957	77·9	82	SW by S, S and variable.	104	1·22	Partially cloudy, o, g, p, t, <.
,,	28th	147·3	5·3	·604	86·1	94·8	23·8	71·0	78·9	·892	75·8	71	SSE, S and variable.	153	Nil	Partially cloudy, o, g.

	Inches.
The mean pressure of the seven days	29·576
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·618
	Hours.
The total number of hours of bright sunshine	36·2
The maximum possible number of hours of sunshine	93·1
	°
The mean temperature of the seven days	85·1
The average temperature of the corresponding period for 24 years, S.-G.'s Office	86·7
The extreme variation of temperature	26·1
The maximum temperature	97·1
	Miles.
The highest velocity of the wind in one hour	22
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	78
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	75
	Inches.
The total fall of rain from 22nd to 28th May 1892	2·57
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	1·32
The total fall from 1st January to 28th May 1892	5·58
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	8·90

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; d, drizzling rain; p, passing temporary showers; t, thunder; <, lightning lr. lightning reflection; ⌓, dew.

J. H. Gilliland,

For Meteorological Reporter to the Govt. of India.

Meteorological Office, Govt. of India;

Calcutta, the 30*th May* 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 7th May 1892.

1	2	3			4			5			6	7							8							9	10		11		12
		POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.				Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
DISTRICTS.	NAMES OF MUNICIPALITIES.	Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan ...	Burdwan	18,063	16,017	34,080	9	14	*23*	13·7	21·4	*35·1*	64	...	1	21	1	...	6	*29*	...	1·5	32·0	1·5	...	9·2	*44·2*	42·7	17	12	48·9	39·0	125
	Raniganj	6,246	4,691	10,937	4	4	*8*	19·0	19·0	*38·0*	100	11	...	4	...	...	1	*16*	52·3	...	19·0	...	...	4·7	*76·1*	23·8	10	6	83·3	66·5	126
Bankura ...	Bankura	8,970	8,925	17,895	4	6	*10*	11·6	17·4	*29·0*	66	1	..	3	1	...	1	*6*	2·9	...	8·7	2·9	...	2·9	*17·4*	14·5	4	2	23·2	11·7	198
Birbhum ...	Suri	3,982	3,866	7,848	1	1	*2*	6·6	6 6	*13 2*	100	2	...	1	...	...	2	*5*	13·2	...	6·6	...	...	13·2	*33·1*	19·9	2	3	26·1	40·4	64
Midnapore ...	Midnapore ...	16,927	16,633	33,560	6	7	*13*	9·3	10·8	*20·1*	85	16	...	4	2	...	2	*24*	24·8	...	6·2	3·1	...	3·1	*37·2*	69·7	14	10	43·0	31·3	137
Hooghly, including Serampore.	Hooghly and Chinsura.	15,858	15,829	31,687	5	11	*16*	8·2	18·0	*26·3*	45	16	...	13	1	...	1	*31*	26·3	...	21·3	1·6	...	1·6	*50·9*	65·6	19	12	62 3	39·4	158
	Serampore ...	13,559	12,937	26,496	4	9	*13*	7·8	17·7	*25·5*	44	17	...	10	5	..	5	*37*	33·4	...	19·6	9·8	...	9·8	*72·6*	41·2	25	12	95·9	48·2	199
	Utterpara	3,046	2,464	5,510	1	3	*4*	9·4	28·3	*37·7*	33	3	...	1	2	1	...	*7*	28·3	...	9·4	18·9	9·4	...	*66·1*	56·6	6	1	102·4	21·1	486
Howrah ..	Howrah	58,153	37,660	95,813	24	16	*40*	13·7	9·2	*22·9*	150	32	...	20	8	...	5	*65*	18 3	...	11·4	4·6	...	2·9	*37·2*	32·1	38	27	37·2	37·3	100
	Bally	7,836	6,979	14,815	6	5	*11*	21·1	17·5	*38·6*	120	4	...	4	3	...	4	*15*	14·0	...	14·0	10·5	...	14·0	*52·6*	38·6	9	6	59·7	44·7	133
24-Parganas	Cossipore-Chitpur	16,080	10,214	26,294	5	4	*9*	9·9	7·9	*17·8*	125	2	..	3	...	...	2	*7*	3·9	...	5·9	...	...	3·9	*13·8*	25·7	4	3	12·9	15·3	84
	Manicktolla ...	16,536	12,112	28,648	5	5	*10*	9·1	9·1	*18·2*	100	4	...	2	...	...	...	*6*	7·2	...	3·6	...	...	...	*10·9*	20·0	4	2	12·6	8·6	146
	Baranagore ...	15,920	14,062	29,982	6	4	*10*	10·4	6·9	*17·3*	150	8	...	5	3	1	1	*18*	13·9	...	8·7	5·2	1·7	1·7	*31·2*	19·1	11	7	35·9	22·9	156
	South Suburban	26,400	25,258	51,658	6	5	*11*	6·0	5·0	*11·1*	120	7	...	9	3	2	4	*25*	7·0	.	9·1	3·0	2·0	4·0	*25·2*	25·2	22	3	43·3	6·2	662
Nadia ...	Krishnagar ...	13,263	14,214	27,477	3	5	*8*	5·7	9·4	*15·1*	60	1	...	13	...	...	4	*18*	1·9	...	24·6	...	...	7·6	*34·1*	36·0	13	5	51·0	18·3	278
	Ranaghat	4,028	4,655	8,683	2	2	*4*	12·0	12·0	*24·0*	100	...	...	3	...	...	...	*3*	...	...	18·0	...	...	...	*18·0*	59·9	1	2	12·9	22·3	58
	Santipur	13,708	15,979	29,687	14	6	*20*	24·5	10·5	*35·0*	233	...	...	10	...	...	5	*15*	...	...	17·5	...	...	8·8	*26·3*	14·0	7	8	26·6	26·0	102
Jessore ...	Jessore	4,830	3,665	8,495	1	1	*2*	6·1	6·1	*12·2*	100	1	...	2	...	...	3	*6*	6·1	...	12·2	...	...	18·4	*36·7*	6·1	3	3	38·3	42·6	75
Murshidabad	Berhampore ...	11,657	11,948	23,605	7	2	*9*	15·4	4·4	*19·8*	350	8	...	12	3	...	...	*23*	17·6	...	26·4	6·6	...	...	*50·7*	28·6	13	10	58·0	43·5	133
	City Murshidabad	18,901	20,330	39,231	3	7	*10*	4·0	9·3	*13·3*	42	19	...	12	...	...	1	*32*	25·2	...	15·9	...	...	1·3	*42·4*	57·0	16	16	44·0	40·9	107
Khulna ...	Khulna	3,249	3,043	6,292	2	2	*4*	16·5	16·5	*33·0*	100	2	...	...	...	...	2	*4*	16·5	...	...	...	...	16·5	*33·0*	99·9	2	2	32·0	34 2	93
Dinajpur ...	Dinajpur	7,264	5,396	12,660	1	3	*4*	4·1	12·4	*16·6*	33	...	..	6	..	...	6	*12*	...	...	24·8	...	...	24·8	*49·7*	12·4	7	5	50·2	40·0	102

Rajshahi ...	Rampur Boalia ...	10,766	9,025	19,791	1	4	*5*	2·6	10·5	*13·1*	25	1	...	6	...	...	...	*7*	2·6	...	15·8	...	...	...	*18·4*	65·7	3	4	14·5	23·0	68
Rangpur ...	Rangpur	8,011	5,309	13,320	2	3	*5*	7·8	11·7	*19·5*	66	...	...	9	...	1	...	*10*	...	...	35·1	...	3·9	...	*39·0*	46·8	6	4	33·9	30·2	99
Bogra ...	Bogra	3,480	2,699	6,179	2	...	*2*	16·8	...	*16·8*	No female birth.	...	...	5	...	...	1	*6*	...	...	42·1	...	...	8·4	*50·5*	...	2	4	16·8	77·1	21
Pabna ...	Pabna	7,701	7,566	15,267	7	3	*10*	23·9	10·2	*34·0*	233	1	...	8	1	...	4	*14*	3·4	...	27·2	3·4	...	13·6	*47·7*	27·2	7	7	47·3	48·1	93
	Sirajganj	11,213	9,824	21,037	3	9	*12*	7·4	22·2	*29·7*	33	...	...	9	...	1	1	*11*	...	...	22·2	...	2·5	2·5	*27·2*	4·9	7	4	31·5	21·2	153
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	3	...	*3*	22·2	...	*22·2*	No female birth.	...	...	...	...	...	3	*3*	...	...	...	...	...	22·2	*22·2*	37·0	2	1	22·7	21·3	106
Jalpaiguri ...	Jalpaiguri ...	4,972	2,975	7,947	...	...	...	...	...	...	...	...	...	3	...	...	..	*3*	...	...	15·2	...	...	...	*15·2*	13·1	2	1	18·4	11·3	162
Dacca ...	Dacca	42,782	37,379	80,161	21	18	*39*	13·6	11·7	*25·3*	117	1	12	20	2	...	5	*40*	·6	7·8	13·0	1·3	...	3·2	*25·9*	21·4	24	16	29·2	22·3	130
	Narainganj ...	7,605	4,956	12,561	4	3	*7*	16·6	12·4	*29·0*	133	...	...	2	1	...	...	*3*	...	...	8·3	4·1	...	...	*12·4*	4·1	1	2	6·8	21·0	323
Faridpur ...	Faridpur ...	5,663	4,600	10,263	2	1	*3*	10·1	5·1	*15·2*	200	1	..	4	..	...	...	*5*	5·1	...	20·2	...	...	...	*25·3*	35·5	2	3	18·4	33·9	54
Backergunge ...	Barisal	8,701	4,485	13,186	6	2	*8*	23·8	7·9	*31·5*	300	...	...	4	...	1	2	*7*	...	...	15·7	...	3·9	7·9	*27·6*	23·7	5	2	29·9	23·2	128
Mymensingh ...	Nasirabad ...	10,443	4,413	14,856	2	2	*4*	7·0	7·0	*14·0*	100	...	2	...	...	.	2	*4*	...	7·0	...	...	...	7·0	*14·0*	28·0	3	1	14·9	11·8	126
Chittagong ...	Chittagong ...	13,340	8,790	22,130	11	5	*16*	25·8	11·7	*37·6*	220	10	...	9	...	...	1	*20*	23·5	...	21·1	..	...	2·3	*47·0*	39·9	14	6	54·6	35·5	153
Noakhali ...	Sudharam ...	3,410	1,714	5,124	1	...	*1*	10·1	...	*10·1*	No female birth.	3	...	2	...	...	...	*5*	30·4	...	20·2	...	...	...	*50·7*	101·5	2	3	30·5	91·0	33
Tippera ...	Comilla	8,153	5,353	13,506	5	3	*8*	19·3	11·5	*30·8*	106	1	...	9	...	..	2	*12*	3·8	...	34·7	...	...	7·7	*46·2*	38·5	6	6	33·3	58·3	65
Patna ...	Patna City ...	78,762	81,475	160,237	25	32	*57*	8·1	10·4	*18·5*	78	44	1	56	15	2	16	*132*	14·3	·3	18·2	4·2	·6	5·2	*42·8*	39·6	55	77	36·3	49·1	74
	Bihár	23,799	25,172	48,971	10	8	*18*	10·6	8·5	*19·1*	124	1	3	17	...	..	6	*27*	1·1	3·2	18·1	...	...	6·4	*28·7*	26·5	14	13	30·6	26·9	113
	Dinapore	25,424	26,801	52,225	5	7	*12*	5·0	6·9	*11·9*	71	...	...	2	3	..	1	*12*	...	.	8·0	3·0	...	·9	*11·9*	8·9	11	1	22·6	1·9	1,189
Gaya ..	Gaya	38,290	37,831	76,121	14	11	*25*	9·6	7·5	*17·1*	127	1	2	47	5	...	8	*63*	·7	1·4	32·1	3·4	...	5·4	*43·0*	45·0	31	32	42·1	44·0	95
Shahabad ...	Arrah	20,960	22,505	43,465	17	12	*29*	20·3	14·4	*34·7*	141	...	...	14	3	...	6	*23*	...	.	10·7	3·6	...	7·2	*27·5*	29·9	11	12	27·3	27·7	98
	Buxar	9,299	8,369	17,668	2	1	*3*	5·9	2·9	*8·8*	200	24	..	9	...	...	1	*34*	70·8	..	26·5	...	...	2·9	*100·0*	126·6	23	11	128·6	68·3	188
Muzaffarpur ...	Muzaffarpur ...	23,084	19,658	42,742	8	12	*20*	9·7	14·6	*24·3*	66	27	1	12	5	1	13	*59*	32·8	1·2	14·6	6·1	1·2	15·8	*71·8*	76·6	34	25	76·6	66·1	115
Darbhanga ...	Darbhanga ..	33,774	32,322	66,096	27	27	*54*	21·2	21·2	*42·5*	100	104	.	16	19	...	18	*157*	81·8	.	12·6	14·9	...	14·2	*123·5*	84·2	74	83	113·9	153·5	85
Saran ...	Chapra	25,116	26,554	51,670	12	16	*28*	12·1	16·1	*28·2*	75	2	...	15	3	...	12	*32*	2·0	...	15·1	3·0	...	12·1	*32·2*	26·2	13	19	26·9	37·2	72
Champaran ...	Motihari	6,328	3,979	10,307	1	2	*3*	5·0	10·1	*15·1*	50	11	...	17	5	...	...	*33*	55·5	...	85·7	25·2	...	...	*166·5*	25·2	17	16	139·7	209·1	106·5
Monghyr ...	Monghyr	28,154	29,366	57,520	12	17	*29*	10·8	15·4	*26·2*	70	4	...	23	5	...	5	*37*	3·6	..	20·8	4·5	...	4·5	*33·4*	24·4	19	18	17·2	16·3	105
	Jamálpur ...	7,456	6,107	13,563	7	...	*7*	26·8	...	*26·8*	No female birth.	...	..	8	...	...	2	*10*	...	...	30·7	...	...	7·6	*38·3*	46·0	5	5	34·9	42·6	81
Bhágalpur ...	Bhágalpur ...	34,916	33,322	68,238	29	17	*46*	22·1	13·0	*35·1*	170	...	..	52	...	1	7	*60*	...	...	39·6	...	·8	5·3	*45·7*	41·9	35	25	52·1	39·0	133
Purnea ...	Purnea	8,463	6,553	15,016	1	1	*2*	3·4	3·4	*6·9*	100	...	...	2	2	...	3	*7*	...	...	6·9	6·9	...	10·4	*24·2*	13·9	2	5	12·3	39·7	31
Malda ...	English Bazar ...	6,289	6,141	12,430	...	1	*1*	...	4·2	*4·2*	No male birth.	...	1	5	1	1	2	*10*	...	4·2	20·9	4·2	4·2	8·3	*41·8*	16·7	7	3	57·9	25·4	227
Sonthal Parganas.	Deoghur	4,964	3,041	8,005	1	...	*1*	6·5	...	*6·5*	No female birth.	1	..	5	...	...	...	*6*	6·5	...	32·5	...	...	...	*39·0*	45·5	3	3	31·4	51·3	61
Cuttack ...	Cuttack	22,632	20,607	43,239	10	11	*21*	12·0	13·2	*25·3*	90	2	1	3	4	...	2	*12*	2·4	1·2	3·6	4·8	...	2·4	*14·4*	22·8	8	4	18·4	10·1	182
Puri ...	Puri ...	13,247	11,537	24,784	6	4	*10*	12·6	8·4	*21·0*	150	4	...	6	4	...	2	*16*	8·4	...	12·6	8·4	..	4·2	*33·6*	50·4	11	5	43·2	22·5	193
Balasore ...	Balasore	10,282	9,983	20,265	9	6	*15*	23·1	15·4	*38·5*	150	30	1	1	2	...	6	*40*	77·0	2·6	2·6	5·1	...	15·3	*102·6*	123·2	17	23	56·0	119·8	71
Hazáribagh ...	Hazáribágh ...	7,639	7,667	15,306	7	10	*17*	23·8	34·0	*57·8*	70	...	...	11	..	...	2	*13*	...	...	37·4	...	...	6·8	*44·2*	37·4	6	7	40·8	47·5	55
Lohardaga ...	Ranchi	10,101	8,342	18,443	4	10	*14*	11·3	28·2	*39·5*	40	...	..	9	...	...	3	*12*	...	...	25·4	...	...	8·4	*33·8*	19·7	5	7	25·7	41·6	59
Singbhum ...	Chaibassa	3,126	2,880	6,006	2		*2*	17·3	...	*17·3*	No female birth.	...	...	3	...	...	..	*3*	...	...	26·0	...	...	...	*26·0*	8·6	2	1	33·3	13·1	183
Manbhum ...	Purulia	5,060	4,244	9,304	3	7	*10*	16·8	39·1	*55·9*	43	5	...	2	1	...	2	*10*	27·9	...	11·1	5·6	...	11·1	*55·9*	67·1	6	4	61·7	49·0	125
	Total ...	897,450	812,770	1,710,220	401	387	*788*	13·2	11·8	*24·0*	103	432	25	589	111	12	193	*1,362*	13·1	·5	17·9	3·4	·3	5·9	*41·4*	38·1	742	620	43·0	39·7	108

MORTALITY ACCORDING TO—

Class (columns 13 and 14).

Districts.	Names of Municipalities.	13. Deaths among— Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	14. Ratio per 1,000 of population per annum. Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.
Burdwan	Burdwan	...	22	7	...	...	...	48·3	35·5	...	...
	Raniganj	...	16	...	...	...	...	93·2	...	...	...
Bankura	Bankura	...	6	...	...	...	...	19·9	...	...	...
Birbhum	Suri	...	5	...	...	...	...	44·5	...	...	...
Midnapore	Midnapore	1	15	6	...	2	233·2	30·1	43·2	...	562·2
Hooghly, including Serampore.	Hooghly and Chinsura.	...	23	8	...	...	...	47·3	67·5	...	...
	Serampore	...	32	5	...	...	...	65·9	277·2	...	...
	Utterpara	...	6	1	...	...	...	58·8	252·6	...	...
Howrah	Howrah	...	48	17	...	...	...	36·6	43·1	...	...
	Bally	...	15	...	...	...	...	58·2	...	...	...
24-Parganas	Cossipore-Chitpur	...	4	3	...	...	...	11·4	19·8	...	...
	Manicktola	...	5	1	...	...	...	15·5	4·5	...	...
	Baranagore	...	15	3	...	...	...	30·3	37·6	...	...
	South Suburban	...	16	9	...	...	...	26·3	24·0	...	...
Nadia	Krishnagar	...	15	3	...	...	...	41·9	18·8	...	...
	Ranaghat	...	3	...	...	...	...	21·3	...	...	...
	Santipur	...	11	4	...	...	...	27·6	23·3	...	...
Jessore	Jessore	...	3	3	...	...	...	34·6	40·8	...	...
Murshidabad.	Berhampore	...	16	7	...	...	...	45·8	70·2	...	...
	City Murshidabad	...	21	11	...	...	...	48·1	36·2	...	...
Khulna	Khulna	...	3	1	...	...	...	45·9	17·1	...	...
Dinajpur	Dinajpur	...	7	5	...	...	...	60·1	40·6	...	...
Rajshahi	Rampur Boalia	...	5	2	...	...	...	24·3	10·6	...	...
Rangpur	Rangpur	...	6	4	...	...	...	48·2	31·3	...	...
Bogra	Bogra	...	2	4	...	...	...	45·9	60·1	...	...

Age (columns 15 and 16).

Districts.	Names of Municipalities.	15. Deaths. Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	16. Ratio per 1,000 of population per annum. Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan	Burdwan	11	1	4	...	2	3	2	2	2	2	866·7	23·0	89·2	...	33·3	19·7	15·1	23·5	42·4	70·2
	Raniganj	1	1	4	1	3	2	2	1	1	...	221·3	52·8	183·7	57·1	190·7	42·9	48·4	41·6	86·1	...
Bankura	Bankura	1	...	...	1	...	...	1	...	3	...	109·9	...	...	28·7	...	...	19·7	...	41·0	...
Birbhum	Suri	2	...	...	...	...	2	...	...	1	...	597·7	...	...	...	...	73·7	...	...	89·2	...
Midnapore	Midnapore	2	7	4	1	3	1	2	1	1	2	140·0	154·8	35·5	17·1	49·4	7·1	15·8	14·0	25·2	56·8
Hooghly, including Serampore.	Hooghly and Chinsura.	4	8	1	2	6	4	...	3	2	1	259·0	187·4	18·0	41·9	124·3	33·5	...	37·4	40·0	25·1
	Serampore	3	4	1	2	5	8	4	8	...	2	219·7	115·2	20·7	46·8	119·1	77·2	41·8	123·3	...	74·8
	Utterpara	...	...	...	...	1	2	4	...	...	...	...	...	...	...	118·2	90·4	196·0	...	...	...
Howrah	Howrah	5	6	5	4	4	13	15	5	3	5	126·0	56·3	41·3	31·6	25·4	29·8	40·5	22·1	28·4	69·3
	Bally	6	...	...	...	...	1	4	3	1	...	561·9	...	...	...	...	15·5	74·6	80·0	49·6	...
24-Parganas	Cossipore-Chitpur	2	...	...	...	...	...	2	...	1	2	217·6	...	...	...	...	...	16·2	...	53·4	222·2
	Manicktola	...	...	2	...	...	2	...	...	1	1	...	...	642·0	...	...	12·5	...	...	32·0	54·9
	Baranagore	...	2	1	...	...	7	4	...	2	2	...	50·7	20·9	...	...	56·9	35·0	...	50·3	62·1
	South Suburban	1	1	5	3	3	1	3	4	2	2	39·2	10·9	51·2	32·7	35·3	5·1	18·0	35·2	31·4	32·0
Nadia	Krishnagar	6	1	...	...	...	1	3	1	5	1	629·0	21·1	...	...	...	10·8	36·4	15·9	123·4	30·1
	Ranaghat	...	...	...	...	...	1	...	...	1	1	...	...	...	...	...	34·5	...	...	71·8	91·4
	Santipur	5	2	...	1	1	2	2	1	1	...	307·7	35·9	...	17·9	23·4	21·2	24·0	14·8	22·6	...
Jessore	Jessore	2	1	...	1	...	1	...	1	...	...	536·1	105·3	...	78·2	...	25·8	...	49·5	...	...
Murshidabad.	Berhampore	3	3	4	...	1	2	3	4	1	2	413·8	97·9	98·4	...	29·5	23·3	35·2	60·4	27·7	65·1
	City Murshidabad	1	3	2	4	...	4	4	5	3	6	68·2	63·4	30·2	72·4	...	28·4	28·6	44·4	43·9	100·8
Khulna	Khulna	2	...	1	...	...	...	...	...	1	...	818·9	...	65·4	...	...	...	...	...	115·0	...
Dinajpur	Dinajpur	2	1	2	...	...	...	4	3	...	...	504·9	60·2	83·1	...	...	...	84·1	90·5	...	...
Rajshahi	Rampur Boalia	1	...	...	...	...	1	2	...	2	1	128·1	...	...	...	...	12·5	28·9	...	53·8	54·0
Rangpur	Rangpur	1	...	...	...	1	1	2	1	...	4	223·2	...	...	...	48·4	16·4	37·8	38·9	...	406·9
Bogra	Bogra	2	...	1	...	...	...	...	1	...	2	75·91	...	74·3	...	...	...	...	78·6	...	331·2

Pabna ...	Pabna ...	...	7	7	...	...	...	51·0	44·9	...	...	4	3	1	...	...	2	3	...	...	1	523·9	107·0	30·8	...	...	35·8	62·5	...	...	52·3
	Sirajganj ...	...	5	6	...	...	...	30·3	25·4	...	...	1	...	...	...	1	3	2	4	...	...	96·5	...	...	...	31·7	42·4	32·8	93·0	...	...
Darjeeling ...	Darjeeling ...	...		...	...	...	...	34·0	...	...	...	3	...	...	...	...	...	...	...	...	...	1,289·8	...	...	...	...	...	...	...	...	...
Jalpaiguri ...	Jalpaiguri ...	...	...	3	...	...	...	...	32·1	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	218·2	...	...	...	...	...
Dacca ...	Dacca ...	...	13	27	...	...	...	16·8	35·7	...	...	9	9	6	1	...	1	1	3	2	8	246·6	63·5	31·4	6·5	...	3·4	4·5	18·6	22·0	74·6
	Narainganj ...	...	3	...	...	...	...	24·7	...	...	...	1	...	...	...	...	1	...	1	...	...	156·4	...	...	...	...	19·5	...	37·3	...	...
Faridpur ...	Faridpur ...	...	3	2	...	...	...	29·2	21·4	...	...	...	1	...	1	...	...	...	1	...	2	...	41·7	...	51·2	...	...	...	44·6	...	140·4
Backergunge...	Barisál ...	...	4	3	...	...	...	34·4	22·8	...	...	2	1	1	...	...	1	1	...	...	1	530·6	61·1	45·0	...	...	16·4	20·8	...	...	91·7
Mymensingh ...	Nasirabad ...	...	1	3	...	...	...	6·8	22·0	...	...	2	1	.	...	1	...	...	...	..	..	470·6	52·4	...	...	37·8	...	...	...	...	...
Chittagong ...	Chittagong ...	2	2	16	...	..	130·7	17·9	54·4	...	...	1	3	4	2	2	3	2	2	..	1	92·4	79·3	83·2	40·4	48·0	33·7	31·2	46·1	...	65·3
Noakhali ...	Sudharam ...	...	...	5	...	...	...	...	102·8	...	...	...	...	1	...	1	..	2	...	1	...	...	...	106·1	...	84·1	...	119·1	...	164·6	...
Tippera ...	Comilla ...	...	3	9	...	...	...	26·2	65·3	...	...	2	2	1	...	...	4	1	1	...	1	350·2	79·5	31·9	...	...	75·3	26·1	39·6	...	76·7
Patna ...	Patna City ...	...	93	39	...	...	...	40·7	49·6	...	...	10	20	10	12	9	13	13	10	9	26	120·6	71·3	30·9	43·3	41·9	23·5	29·1	27·6	33·1	97·9
	Bihár ...	...	16	11	...	...	...	24·7	37·4	...	...	9	7	2	1	...	...	2	2	1	3	315·2	62·9	17·2	10·8	...	...	14·8	20·2	14·4	48·4
	Dinapore ...	...	11	1	...	...	...	14·8	4·4	...	...	3	1	...	...	...	2	2	1	...	3	111·6	9·4	...	...	...	11·3	13·7	9·2	...	38·0
Gaya ...	Gaya ...	...	46	17	...	...	...	39·9	55·0	...	...	23	3	3	1	2	3	7	5	4	12	668·2	24·6	22·3	7·7	19·9	10·6	28·6	26·6	31·6	121·2
Shahabad ...	Arrah ...	...	20	3	...	...	...	33·5	12·6	...	...	10	2	2	...	1	1	3	...	1	3	403·7	23·5	20·3	...	16·5	6·6	24·2	...	16·8	54·1
	Buxar ...	...	24	10	...	...	...	89·8	144·7	...	...	...	6	3	3	...	4	6	2	5	5	...	181·1	76·0	85·0	...	65·1	102·5	49·0	238·1	240·2
Muzaffarpur ...	Muzaffarpur	...	46	13	...	...	...	79·7	54·2	...	..	13	7	5	5	3	5	8	2	5	6	707·9	90·1	57·8	65·7	51·5	30·3	59·6	20·8	80·1	128·2
Darbhanga ...	Darbhanga	1	104	52	...	...	460·2	111·7	153·9	...	...	15	36	21	6	5	16	9	26	15	8	501·0	246·0	139·6	56·1	64·6	62·5	42·0	181·6	177·8	130·2
Saran ...	Chapra ...	...	29	3	...	...	...	38·0	13·1	...	...	4	9	3	2	...	4	4	2	3	1	147·4	90·7	26·2	20·7	...	22·5	26·7	17·1	37·7	15·3
Champaran ...	Motihari ...	...	29	4	...	...	...	200·5	75·1	...	...	2	8	5	1	2	6	3	5	...	1	759·1	423·6	235·3	39·9	155·9	154·7	105·3	242·3	...	83·7
Monghyr ...	Monghyr ...	...	26	11	...	...	...	30·2	45·5	..	...	8	4	2	2	2	5	3	2	3	6	289·1	33·4	14·7	18·1	27·5	25·1	17·5	16·3	39·2	87·0
	Jamálpur	1	8	1	...	...	81·6	42·4	16·8	...	...	.	5	1	...	...	1	3	...	...	...	...	170·7	30·1	...	...	18·5	64·7	...	...	...
Bhágalpur ...	Bhágalpur	1	40	19	...	...	134·7	42·5	52·4	...	...	11	19	2	5	...	5	5	1	2	10	398·6	152·3	14·7	35·8	...	19·9	23·7	6·8	20·5	120·8
Purnea ..	Purnea ...	...	6	1	...	...	...	34·0	9·2	...	...	3	...	...	...	1	...	1	..	1	1	551·2	...	...	...	52·3	...	18·2	...	55·5	64·4
Malda ...	English Bazar ...	...	9	1	...	...	...	64·4	10·1	...	...	1	...	1	...	...	2	2	2	1	1	176·3	...	34·6	...	...	45·3	48·4	70·7	69·5	74·0
Sonthal Parganas.	Deoghur ...	...	6	...	...	...	...	40·5	...	...	...	4	...	1	...	...	1	...	...	...	...	1,600·0	...	73·7	...	...	27·6	...	...	...	...
Cuttack ...	Cuttack ...	...	8	4	...	...	...	12·4	27·0	...	...	1	1	1	...	...	1	3	1	2	2	50·7	13·9	10·5	...	...	6·0	25·5	11·5	33·7	35·3
Puri ...	Puri ...	...	16	...	...	...	...	33·9	...	...	...	2	1	...	...	...	6	2	...	2	3	343·2	28·9	...	..	...	50·1	25·7	...	46·6	86·4
Balasore ...	Balasore ...	...	32	8	...	...	...	98·8	135·0	...	...	2	7	8	3	5	5	1	3	4	2	190·6	195·2	162·8	81·0	152·0	63·7	17·8	70·2	162·4	89·8
Hazáribágh ...	Hazáribágh	...	13	..	...	...	...	61·5	...	...	...	3	3	...	1	...	3	2	1	...	...	320·3	55·7	...	32·6	...	59·3	48·8	31·9	...	...
Lohardaga ...	Ranchi ...	...	7	3	...	2	...	39·5	28·9	...	44·1	7	2	...	...	...	2	...	...	...	1	774·5	66·5	...	...	...	27·3	...	...	...	64·1
Singhbhum ...	Chaibassa ...	...	3	...	...	...	..	30·5	...	...	...	...	...	...	...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	171·1	571·4
Manbhum ...	Purulia ...	1	7	2	...	...	204·8	46·7	83·3	...	...	...	..	...	1	...	3	2	1	3	...	...	...	...	58·0	...	78·2	61·4	58·9	333·3	...
	TOTAL ...	7	963	358	...	4	22·9	42·0	40·8	...	43·3	219	202	121	67	68	163	158	122	97	146	286·3	70·8	35·6	22·5	27·3	24·4	28·5	31·7	41·8	73·6

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 30th May 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.*,

Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT, BENGAL.

Statements showing quantities of goods carried on Canals in Bengal, classed as Major Works, for the quarter ending 31st March 1892.

ORISSA CIRCLE.

TALDANDA CANAL SYSTEM.

LENGTH OF CANAL OPEN { TALDANDA CANAL, 51½ MILES.
MACHGONG ,, 4 ,,

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
...	1. Cotton, raw and manufactured ...		......	......	......	......	......	......
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans		......	......	......	......	......	......
77	4. Rice or wheat		54	634	688	34,818	688	34,818
56	5. Other food-grains		70	344	414	11,375	414	11,375
2	6. Hides and skins		5	......	5	100	5	100
...	7. Liquors		......	......	......	......	......	......
...	8. Metal		......	......	......	......	......	......
1	9. Oils		......	3	3	400	3	400
1	10. Oilseeds		......	11	11	2,400	11	2,400
...	11. Provisions		......	......	......	......	......	......
2	12. Salt		......	1¼	1¼	95	1¼	95
1	13. Spices		......	1	1	100	1	100
7	14. Sugar		20	11	31	2,980	31	2,980
...	15. Tobacco		......	......	......	......	......	......
5	16. Building materials		......	43	43	135	43	135
52	17. Miscellaneous goods		52	269	321	3,015	321	3,015
12	18. Timbers	{ Tons { C. ft.	...... ⅓	6 665	6 665⅓	} 550	{ 6 665⅓	} 550
...	19. Firewood		14	......	14	50	14	50
...	20. Bamboos		1	......	1	9	1	9
3	21. Coal or coke		......	15	15	80	15	80
...	22. Jute		......	......	......	......	......	......
...	23. Treasure		......	......	......	......	......	......
219	Total boat traffic	{ Tons { C. ft.	216 ⅓	1,338¼ 665	1,554¼ 665⅓	} 56,107	{ 1,554¼ 665⅓	} 56,107
133	24. Timber in logs		......	9,845	9,845	3,695	9,845	3,695
...	25. Squared timber		......	......	......	......	......	......
...	26. Sleepers, broad gauge		......	......	......	......	......	......
...	27. ,, metre ,, ...		......	......	......	......	......	......
...	28. Scantlings		......	......	......	......	......	......
...	29. Poles		......	......	......	......	......	......
...	30. Firewood		......	......	......	......	......	......
290	31. Bamboos		......	60,920	60,920	5,452	60,920	5,452
...	32. Reeds		......	......	......	......	......	......
423	Total raft traffic	C. ft.	......	70,765	70,765	9,147	70,765	9,147
Boats 219 Rafts 423 }	GRAND TOTAL	{ Tons { C. ft.	216 ⅓	1,338¼ 71,430	1,554¼ 71,430⅓	} * 56,254 {	1,554¼ 71,580⅓	} 65,254

KENDRAPARA CANAL SYSTEM.

Length of Canal open, 75 miles.

Number of boats and rafts.	Description.	Total Government and Private. Quantity—Tons. Up.	Down.	Total.	Value. Rupees.	Private. Quantity. Tons.	Value. Rupees.
27	1. Cotton, raw and manufactured ...	759	......	759	2,12,500	759	2,12,500
...	2. Woollen goods, raw and manufactured	......	......	......	......	......	......
...	3. Dyes and tans	......	......	......	......	......	......
558	4. Rice or wheat	951	11,606	12,557	13,56,900	12,557	13,56,900
136	5. Other food-grains	392	586	978	67,040	978	67,040
9	6. Hides and skins	......	831	831	74,000	831	74,000
...	7. Liquors	......	......	......	......	......	......
2	8. Metal	24	......	24	6,500	24	6,500
34	9. Oils	523	8	531	89,370	531	89,370
19	10. Oilseeds	2	743	745	1,03,750	745	1,03,750
...	11. Provisions	......	......	......	......	......	......
55	12. Salt	198	103	301	26,220	301	26,220
72	13. Spices	1,909	4	1,913	4,49,930	1,913	4,49,930
123	14. Sugar	2	749	751	1,20,780	751	1,20,780
1	15. Tobacco	1	......	1	200	1	200
36	16. Building materials	6	418	424	2,810	424	2,810
325	17. Miscellaneous goods	266	830	1,096	1,07,670	1,096	1,07,670
53	18. Timbers	16	1,046	1,062	46,190	1,062	46,190
18	19. Firewood	61	3	64	220	64	220
10	20. Bamboos	......	21	21	280	21	280
3	21. Coal or coke	1	4	5	80	5	80
13	22. Jute	......	150	150	18,510	150	18,510
...	23. Treasure	......	......	......	......	......	......
1,494	Total boat traffic Tons	5,111	16,602	21,713	26,82,950	21,713	26,82,950
76	24. Timber in logs	342	87,204	87,546	27,260	87,546	27,260
...	25. Squared timber	......	......	......	......	......	......
...	26. Sleepers, broad gauge	......	......	......	......	......	......
...	27. " metre "	......	......	......	......	......	......
...	28. Scantlings	......	......	......	......	......	......
...	29. Poles	......	......	......	......	......	......
...	30. Firewood	......	......	......	......	......	......
119	31. Bamboos	......	99,857	99,857	8,020	99,857	8,020
...	32. Reeds	......	......	......	......	......	......
195	Total raft traffic C. ft.	342	187,061	187,403	35,280	187,403	35,280
Boats 1,494	Grand Total Tons	5,111	16,602	21,713	27,18,230	21,713	27,18,230
Rafts 195	Grand Total C. ft.	342	187,061	187,403		187,403	

HIGH LEVEL CANAL, RANGE I.

Length of Canal open, 33 miles.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
4	1. Cotton, raw and manufactured	...	......	4	4	580	4	580
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans ...	...	......	......	......	......	......	......
537	4. Rice or wheat ...	...	2,162	1½	2,163½	1,19,858	2,163½	1,19,858
284	5. Other food-grains ...	...	1,106	31	1,137	56,773	1,137	56,773
...	6. Hides and skins ...	...	......	......	......	......	......	......
...	7. Liquors	...	......	......	......	......	......	......
5	8. Metal	...	......	11	11	1,671	11	1,671
...	9. Oils	...	......	......	......	......	......	......
35	10. Oilseeds	...	134	5	139	11,295	139	11,295
5	11. Provisions	...	18	......	18	920	18	920
217	12. Salt	...	......	281	281	30,922	281	30,922
...	13. Spices	...	......	......	......	......	......	......
50	14. Sugar	...	25	56	81	8,465	81	8,465
...	15. Tobacco	...	......	......	......	......	......	......
239	16. Building materials ...	...	699	78	777	5,949	777	5,949
44	17. Miscellaneous goods ...	...	64	43	107	6,122	107	6,122
13	18. Timbers	...	62	......	62	3,975	62	3,975
25	19. Firewood	...	221	......	221	677	221	677
...	20. Bamboos	...	......	......	......	......	......	......
...	21. Coal or coke	...	......	......	......	......	......	......
5	22. Jute	...	5½	......	5½	420	5½	420
...	23. Treasure	...	......	......	......	......	......	......
1,483	Total boat traffic	Tons	4,496½	510½	5,006¾	2,47,627	5,006¾	2,47,627
716	24. Timber in logs ...	...	141,810	54	141,864	6,220	141,864	6,220
...	25. Squared timber ...	...	......	......	......	......	......	......
...	26. Sleepers, broad gauge ...	...	......	......	......	......	......	......
...	27. " metre " ...	...	......	......	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
77	31. Bamboos	...	35,900	34,650	70,550	1,392	70,550	1,392
...	32. Reeds	...	......	......	......	......	......	......
793	Total raft traffic	C. ft.	177,710	34,704	212,414	7,612	212,414	7,612
Boats 1,483 Rafts 793	Grand Total	Tons C. ft.	4,496½ 177,710	510½ 34,704	5,006¾ 212,414	2,55,239	5,006¾ 212,414	2,55,239

HIGH LEVEL CANAL, RANGE II.

Length of Canal open, 12½ miles.

Number of boats and rafts.	Description.	Total Government and Private. Quantity—Tons. Up.	Down.	Total.	Value. Rupees.	Private. Quantity. Tons.	Value. Rupees.
...	1. Cotton, raw and manufactured ...	......	......	......	......	......	......
...	2. Woollen goods, raw and manufactured	......	......	......	......	......	......
...	3. Dyes and tans	......	......	......	......	......	......
381	4. Rice or wheat	1,208	9	1,217	53,400	1,217	53,400
16	5. Other food-grains	67	......	67	1,911	67	1,911
...	6. Hides and skins	......	......	......	......	......	......
...	7. Liquors	......	......	......	......	......	......
...	8. Metal	......	......	......	......	......	......
...	9. Oils	......	......	......	......	......	......
4	10. Oilseeds	......	11	11	1,360	11	1,360
3	11. Provisions	......	8	8	690	8	690
15	12. Salt	......	90	90	9,554	90	9,554
...	13. Spices	......	......	......	......	......	......
1	14. Sugar	......	½	½	170	½	170
...	15. Tobacco	......	......	......	......	......	......
7	16. Building materials	......	93	93	1,164	93	1,164
60	17. Miscellaneous goods	23	129	152	20,240	152	20,240
...	18. Timbers	......	......	......	......	......	......
6	19. Firewood	......	49	49	117	49	117
...	20. Bamboos	......	......	......	......	......	......
...	21. Coal or coke	......	......	......	......	......	......
...	22. Jute	......	......	......	......	......	......
...	23. Treasure	......	......	......	......	......	......
493	Total boat traffic Tons	1,298	389½	1,687½	88,606	1,687½	88,606
173	24. Timber in logs	......	23,742	23,742	3,130	23,742	3,130
...	25. Squared timber	......	......	......	......	......	......
...	26. Sleepers, broad gauge	......	......	......	......	......	......
...	27. " metre "	......	......	......	......	......	......
...	28. Scantlings	......	......	......	......	......	......
...	29. Poles	......	......	......	......	......	......
...	30. Firewood	......	......	......	......	......	......
308	31. Bamboos	......	86,040	86,040	3,766	86,040	3,766
...	32. Reeds	......	......	......	......	......	......
481	Total raft traffic C. ft.	......	109,782	109,782	6,896	109,782	6,896
Boats 493 Rafts 481	Grand Total { Tons C. ft.	1,298	389½ 109,782	1,687½ 109,782	95,502	1,687½ 109,782	95,502

HIGH LEVEL CANAL, RANGE III.

Length of Canal open, 19 *miles.*

Number of boats and rafts.	Description.	Total Government and Private.				Private.	
		Quantity—Tons.			Value.	Quantity.	Value.
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.
...	1. Cotton, raw and manufactured ...	......	......	......	......	......	......
...	2. Woollen goods, raw and manufactured	......	......	......	......	......	......
...	3. Dyes and tans	......	......	......	......	......	......
177	4. Rice or wheat	384	6	390	28,340	390	28,340
...	5. Other food-grains	......	......	......	......	......	......
...	6. Hides and skins	......	......	......	......	......	......
...	7. Liquors	......	......	......	......	......	......
...	8. Metal	......	......	......	......	......	......
...	9. Oils	......	......	......	......	......	......
...	10. Oilseeds	......	......	......	......	......	......
...	11. Provisions	......	......	......	......	......	......
2	12. Salt	......	2	2	152	2	152
...	13. Spices	......	......	......	......	......	......
...	14. Sugar	......	......	......	......	......	......
...	15. Tobacco	......	......	......	......	......	......
3	16. Building materials	......	36	36	7,500	36	7,500
6	17. Miscellaneous goods	......	25	25	4,695	25	4,695
2	18. Timbers	......	2	2	75	2	75
...	19. Firewood	......	......	......	......	......	......
...	20. Bamboos	......	......	......	......	......	......
...	21. Coal or coke	......	......	......	......	......	......
...	22. Jute	......	......	......	......	......	......
...	23. Treasure	......	......	......	......	......	......
190	Total boat traffic Tons	384	71	455	40,762	455	40,762
47	24. Timber in logs	......	13,440	13,440	773	13,440	773
...	25. Squared timber	......	......	......	......	......	......
...	26. Sleepers, broad gauge	......	......	......	......	......	......
...	27. ,, metre ,, ...	......	......	......	......	......	......
...	28. Scantlings	......	......	......	......	......	......
...	29. Poles	......	......	......	......	......	......
...	30. Firewood	......	......	......	......	......	......
20	31. Bamboos	200	6,000	6,200	401	6,200	401
...	32. Reeds	......	......	......	......	......	......
67	Total raft traffic C. ft.	200	19,440	19,640	1,174	19,640	1,174
Boats 190	Grand Total Tons	384	71	455	41,936	455	41,936
Rafts 67	Grand Total C. ft.	200	19,440	19,640		19,640	

JAJPUR CANAL.

Length of Canal open, 6½ miles.

Number of boats and rafts.	Description.	Total Government and Private. Quantity—Tons. Up.	Down.	Total.	Value. Rupees.	Private. Quantity. Tons.	Value. Rupees.
...	1. Cotton, raw and manufactured ...	......	......	......	......	......	......
...	2. Woollen goods, raw and manufactured	......	......	......	......	......	......
...	3. Dyes and tans	......	......	......	......	......	......
8	4. Rice or wheat	......	7	7	260	7	260
3	5. Other food-grains	......	1	1	22	1	23
...	6. Hides and skins	......	......	......	......	......	......
...	7. Liquors	......	......	......	......	......	......
...	8. Metal	......	......	......	......	......	......
...	9. Oils	......	......	......	......	......	......
2	10. Oilseeds	......	8	8	750	8	750
...	11. Provisions	......	......	......	......	......	......
1	12. Salt	½	......	½	72	½	72
...	13. Spices	......	......	......	......	......	......
1	14. Sugar	......	1	1	50	1	50
...	15. Tobacco	......	......	......	......	......	......
8	16. Building materials	......	23	23	51	23	51
16	17. Miscellaneous goods	1	60	61	5,900	61	5,900
...	18. Timbers	......	......	......	......	......	......
5	19. Firewood	......	50	50	875	50	875
...	20. Bamboos	......	......	......	......	......	......
...	21. Coal or coke	......	......	......	......	......	......
...	22. Jute	......	......	......	......	......	......
...	23. Treasure	......	......	......	......	......	......
44	Total boat traffic Tons	1½	150	151½	7,980	151½	7,980
170	24. Timber in logs	......	20,880	20,880	4,499	20,880	4,499
...	25. Squared timber	......	......	......	......	......	......
...	26. Sleepers, broad gauge	......	......	......	......	......	......
...	27. " metre "	......	......	......	......	......	......
...	28. Scantlings	......	......	......	......	......	......
...	29. Poles	......	......	......	......	......	......
...	30. Firewood	......	......	......	......	......	......
215	31. Bamboos	......	29,562	29,562	1,055	29,562	1,055
...	32. Reeds	......	......	......	......	......	......
385	Total raft traffic C. ft.	......	50,442	50,412	5,554	50,442	5,554
Boats 44	Grand Total Tons	1½	150	151½	13,534	151½	13,534
Rafts 385	Grand Total C. ft.	......	50,442	50,442		50,442	

SOUTH-WESTERN CIRCLE.

MIDNAPORE CANAL.

Length of Canal open, 53 *miles*.

Number of boats and rafts.	Description.	Total Government and Private. Quantity—Tons. Up.	Down.	Total.	Value. Rupees.	Private. Quantity. Tons.	Value. Rupees.
32	1. Cotton, raw and manufactured ...	453	4	457	6,48,717	457	6,48,717
......	2. Woollen goods, raw and manufactured.	......	......	.....	......	......	......
15	3. Dyes and tans	......	894	894	88,014	894	88,014
1,277	4. Rice or wheat	193	16,895	17,088	11,91,596	17,088	11,91,596
2,263	5. Other food-grains	1,227	7,643	8,870	3,63,041	8,870	3,63,041
10	6. Hides and skins	......	129	129	42,040	129	42,040
1	7. Liquors	8	......	8	12,290	8	12,290
12	8. Metal	211	37	248	96,670	248	96,670
86	9. Oils	691	......	691	75,933	691	75,933
61	10. Oilseeds	254	1,166	1,420	1,30,557	1,420	1,30,557
144	11. Provisions	464	440	904	61,292	904	61,292
265	12. Salt	2,183	......	2,183	1,98,283	2,183	1,98,283
13	13. Spices	273	5	278	52,012	278	52,012
107	14. Sugar	409	317	726	96,837	726	96,837
11	15. Tobacco	173	......	173	45,590	173	45,590
72	16. Building materials	41	867	908	5,396	908	5,396
585	17. Miscellaneous goods	555	797	1,352	1,56,904	1,352	1,56,904
...	18. Timbers	......	......	......	......	......	......
6	19. Firewood	3	28	31	190	31	190
...	20. Bamboos	......	......	......	......	......	......
52	21. Coal or coke	960	......	960	6,780	960	6,780
13	22. Jute	......	54	54	9,615	54	9,615
...	23. Treasure	......	9	9	8,18,000	9	8,18,000
5,025	Total boat traffic Tons	8,098	29,285	37,383	40,99,757	37,383	40,99,757
93	24. Timber in logs	744	13,514	14,258	14,688	14,258	14,688
...	25. Squared timber	......	......	......	......	......	......
...	26. Sleepers, broad gauge	......	......	......	......	......	......
...	27. " metre "	......	......	......	......	......	......
...	28. Scantlings	......	......	......	......	......	......
95	29. Poles	15	65,547	65,562	52,617	65,562	52,617
...	30. Firewood	......	......	......	......	......	......
39	31. Bamboos	400	12,643	13,043	1,081	13,043	1,081
...	32. Reeds	......	......	......	......	......	......
227	Total raft traffic C. ft.	1,159	91,704	92,863	68,386	92,863	68,386
Boats 5,025	Grand Total Tons	8,098	29,285	37,383	41,68,143	37,383	41,68,143
Rafts 227	C. ft.	1,159	91,704	92,863		92,863	

HIDGELLEE TIDAL CANAL.

Length of Canal open, 29 miles.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
25	1. Cotton, raw and manufactured ...		96	......	96	66,725	96	66,725
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans		......	......	......	......	......	......
2,335	4. Rice or wheat		22	15,318	15,340	9,82,943	15,340	9,82,943
...	5. Other food-grains		......	......	......	......	......	......
1	6. Hides and skins		......	8	8	5,000	8	5,000
...	7. Liquors		......	......	......	......	......	......
3	8. Metal		26	3	29	6,370	29	6,370
77	9. Oils		372	......	372	47,179	372	47,179
...	10. Oilseeds		......	......	......	......	......	......
64	11. Provisions		61	54	115	5,922	115	5,922
74	12. Salt		621	......	621	67,711	621	67,711
...	13. Spices		......	......	......	......	......	......
16	14. Sugar		52	......	52	4,492	52	4,492
220	15. Tobacco		892	......	892	2,39,036	892	2,39,036
53	16. Building materials		448	49	497	3,685	497	3,685
2,624	17. Miscellaneous goods		297	813	1,110	87,226	1,110	87,226
9	18. Timbers		19	3	22	656	22	656
19	19. Firewood		24	106	130	933	130	933
3	20. Bamboos		3	15	18	238	18	238
43	21. Coal or coke		513	......	513	4,367	513	4,367
20	22. Jute		......	66	66	9,710	66	9,710
...	23. Treasure		......	......	......	......	......	......
5,590	Total boat traffic	Tons	3,446	16,435	19,881	15,32,193	19,881	15,32,193
42	24. Timber in logs		2,954	817	3,771	4,053	3,771	4,053
...	25. Squared timber		......	......	......	......	......	......
...	26. Sleepers, broad gauge		......	......	......	......	......	......
...	27. " metre "		......	......	......	......	......	......
...	28. Scantlings		......	......	......	......	......	......
...	29. Poles		......	......	......	......	......	......
...	30. Firewood		......	......	......	......	......	......
23	31. Bamboos		6,925	225	7,150	816	7,150	816
...	32. Reeds		......	......	......	......	......	......
65	Total raft traffic	C. ft.	9,879	1,042	10,921	4,869	10,921	4,869
Boats 5,590	Grand Total	Tons.	3,446	16,435	19,881	15,37,062	19,881	15,37,062
Rafts 65		C. ft.	9,879	1,042	10,921		10,921	

SONE CIRCLE.

PATNA CANAL SYSTEM.

Length of Canal open, 86½ miles.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
...	1. Cotton, raw and manufactured		58	1	59	80,570	59	80,570
...	2. Woollen goods, raw and manufactured		......	30	30	44,000	30	44,000
...	3. Dyes and tans		......	......	......	......	......	......
6	4. Rice or wheat		9	33	42	3,450	42	3,450
29	5. Other food-grains		26	186	212	13,640	212	13,640
3	6. Hides and skins		......	46	46	15,545	46	15,545
...	7. Liquors		19	......	19	18,310	19	18,310
...	8. Metal		23	1	24	10,324	24	10,324
1	9. Oils		5	1	6	1,366	6	1,366
48	10. Oilseeds		......	633	633	76,413	633	76,413
...	11. Provisions		......	......	......	......	......	......
23	12. Salt		321	......	321	19,851	321	19,851
...	13. Spices		12	......	12	2,700	12	2,700
5	14. Sugar		......	29	29	3,648	29	3,648
7	15. Tobacco		39	1	40	1,425	40	1,425
34	16. Building materials		31	208	239	2,355	233	1,905
205	17. Miscellaneous goods		710	639	1,349	1,21,829	1,349	1,21,829
4	18. Timbers		8	21	29	1,150	29	1,150
...	19. Firewood		......	......	......	......	......	......
73	20. Bamboos		539	......	539	16,675	539	16,675
24	21. Coal or coke		289	3	292	4,175	292	4,175
...	22. Jute		......	......	......	......	......	......
...	23. Treasure		......	......	......	42,500	......	42,500
462	Total boat traffic	Tons	2,089	1,832	3,921	4,79,926	3,915	4,79,476
...	24. Timber in logs		......	3	3	88	3	88
...	25. Squared timber		......	27	27	400	27	400
...	26. Sleepers, broad gauge		......	272	272	2,835	272	2,835
...	27. " metre "		......	......	......	......	......	......
...	28. Scantlings		......	88	88	1,000	88	1,000
...	29. Poles		......	1,548	1,548	12,251	1,548	12,251
...	30. Firewood		......	82	82	270	82	270
...	31. Bamboos		30	2,823	2,853	46,165	2,853	46,165
...	32. Reeds		......	......	......	......	......	......
...	Total raft traffic	C. ft.	30	4,843	4,873	63,009	4,873	63,009
Boats 462	Grand Total	Tons	2,089	1,832	3,921	5,42,935	3,915	5,42,485
Rafts ...		C. ft.	30	4,843	4,873		4,873	

ARRAH CANAL SYSTEM.

Length of Canal open, 65 *miles*.

Number of boats and rafts.	Description.	Total Government and Private.				Private.	
		Quantity—Tons.			Value.	Quantity.	Value.
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.
...	1. Cotton, raw and manufactured ...	86	1	87	1,12,200	87	1,12,200
...	2. Woollen goods, raw and manufactured	......	......	......	......	......	......
...	3. Dyes and tans	......	......	......	......	......	......
17	4. Rice or wheat	37	49	86	6,334	86	6,334
7	5. Other food-grains	2	125	127	11,683	127	11,683
1	6. Hides and skins	......	4	4	3,000	4	3,000
...	7. Liquors	......	......	......	......	......	......
...	8. Metal	9	3	12	1,26,940	12	1,26,940
...	9. Oils	......	......	......	......	......	......
76	10. Oilseeds	6	1,327	1,333	1,37,612	1,333	1,37,612
...	11. Provisions	......	......	......	......	......	......
67	12. Salt	916	......	916	98,345	916	98,345
...	13. Spices	......	......	......	......	......	......
26	14. Sugar	......	268	268	28,430	268	28,430
5	15. Tobacco	9	......	9	412	9	412
14	16. Building materials	9	102	111	1,339	75	761
177	17. Miscellaneous goods	245	1,323	1,568	1,68,766	1,492	1,68,246
4	18. Timbers	2	22	24	2,131	7	281
1	19. Firewood	......	4	4	25	4	25
1	20. Bamboos	1	......	1	6	1	6
23	21. Coal or coke	111	101	212	5,998	172	5,443
...	22. Jute	......	......	......	......	......	......
...	23. Treasure	......	......	......	......	......	......
419	Total boat traffic Tons	1,438	3,329	4,762	7,08,121	4,593	6,99,618
...	24. Timber in logs	......	......	......	......	......	......
...	25. Squared timber	......	......	......	......	......	......
...	26. Sleepers, broad gauge	......	......	......	......	......	......
...	27. " metre "	......	......	......	......	......	......
...	28. Scantlings	......	......	......	......	......	......
...	29. Poles	......	1,687	1,687	13,294	1,687	13,294
...	30. Firewood	......	358	358	1,441	358	1,441
...	31. Bamboos	......	946	946	10,054	946	10,054
...	32. Reeds	......	......	......	......	......	......
...	Total raft traffic C. ft	......	2,991	2,991	24,789	2,991	24,789
Boats 419	Grand Total Tons	1,438	3,329	4,762	7,27,910	4,593	7,24,407
Rafts ...	Grand Total C. ft.	......	2,991	2,991		2,991	

BUXAR CANAL SYSTEM.

Length of Canal open, 67 miles.

Number of boats and rafts.	Description.	Total Government and Private.				Private.	
		Quantity—Tons.			Value.	Quantity.	Value.
		Up.	Down.	Total.	Rupees.	Tons.	Rupees.
...	1. Cotton, raw and manufactured ...	......	......	......	......	......	......
...	2. Woollen goods, raw and manufactured	......	......	......	......	......	......
...	3. Dyes and tans	......	......	......	......	......	......
7	4. Rice or wheat	6	126	132	11,521	132	11,521
...	5. Other food-grains	......	......	......	......	......	......
...	6. Hides and skins	......	......	......	......	......	......
...	7. Liquors	......	......	......	......	......	......
...	8. Metal	8	2	10	85,444	10	85,444
...	9. Oils	......	......	......	......	......	......
43	10. Oilseeds	2	900	902	81,236	902	81,236
...	11. Provisions	......	......	......	......	......	......
...	12. Salt	......	......	......	......	......	......
...	13. Spices	......	......	......	......	......	......
...	14. Sugar	......	......	......	......	......	......
...	15. Tobacco	......	......	......	......	......	......
80	16. Building materials	88	832	920	2,705	24	130
139	17. Miscellaneous goods	75	1,574	1,649	1,26,210	1,627	1,25.675
...	18. Timbers	......	......	......	......	......	......
...	19. Firewood	......	1	1	250	1	250
...	20. Bamboos	......	......	......	......	......	......
7	21. Coal or coke	76	......	76	720	13	200
...	22. Jute	......	......	......	......	......	......
...	23. Treasure	......	......	......	......	......	......
276	Total boat traffic Tons	255	3,435	3,690	3,08,086	2,709	3,04,456
...	24. Timber in logs	......	......	......	......	......	......
...	25. Squared timber	......	......	......	......	......	......
...	26. Sleepers, broad gauge	......	784	784	6,823	784	6,823
...	27. " metre "	......	......	......	......	......	......
...	28. Scantlings	......	......	......	......	......	......
...	29. Poles	......	......	......	......	......	......
...	30. Firewood	......	46	46	371	46	371
...	31. Bamboos	......	3,991	3,991	14,929	3,991	14,929
...	32. Reeds	......	......	......	......	......	......
...	Total raft traffic C. ft.	......	4,821	4,821	22,123	4,821	22,123
Boats 276	Grand Total Tons	255	3,435	3,690	3,30,209	2,709	3,26,579
Rafts ...	Grand Total C. ft.	......	4,821	4,821		4,821	

Abstract statement showing Tollage on Canals in Bengal classed as Major Works for th quarter ending 31*st March* 1892, *as compared with that of the corresponding quarter of th previous year.*

Canals.	Tollage, 1891-92. During the quarter.	Tollage, 1891-92. To end of the quarter.	Tollage, 1890-91. During the quarter.	Tollage, 1890-91. To end of the quarter.
Orissa Circle.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Taldanda Canal System ...	1,114 14 6	4,391 15 6	380 12 0	2,128 2 7
Kendrapara ditto ...	29,572 2 0	96,012 5 4	32,965 7 7	91,694 12 11
High Level, Range I ...	5,090 6 5	12,905 4 2	4,565 9 0	12,208 0 11
Ditto " II ...	1,261 9 9	3,026 11 3	931 13 9	3,185 0 9
Ditto " III ...	568 13 2	1,774 10 7	533 6 2	2,174 14 7
Jajpur Canal	121 4 6	285 12 6	102 12 8	317 13 8
Total Orissa Circle ...	37,729 2 4	1,18,426 11 4	39,479 13 2	1,11,708 13 5
South-Western Circle.				
Midnapore Canal	44,126 14 0	1,25,097 8 0	35,187 12 3	1,23,058 11 9
Hidgellee Tidal Canal ...	16,468 12 9	37,286 13 0	255 11 3	26,809 8 6
Total South-Western Circle ...	60,595 10 9	1,62,384 5 0	35,443 7 6	1,49,868 4 3
Sone Circle.				
Patna Canal System ...	6,788 13 6	25,454 12 6	10,129 12 9	28,525 14 5
Arrah ditto	4,828 12 9	21,047 10 6	4,329 1 3	18,179 7 0
Buxar ditto	2,881 9 9	10,788 15 9	2,660 3 3	9,998 10 3
Total Sone Circle ...	14,499 4 0	57,291 6 9	17,119 1 3	56,703 15 8
Grand Total ...	1,12,824 1 1	3,38,102 7 1	92,042 5 11	3,18,281 1 4

Government Transport Service.

Canal.	Tollage, 1891-92. During the quarter. Passengers.	Goods.	Total receipts.	To end of the quarter. Passengers.	Goods.	Total receipts.	Tollage, 1890-91. During the quarter. Passengers.	Goods.	Total receipts.	To end of the quarter. Passengers.	Goods.	Total receipts.
Orissa Circle.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level	5,308	6,153	5,997 4 1	13,912	14,370	14,521 15 10	3,944	5,485	4,951 11 10	12,538	11,955	13,663 5 6
Total Orissa Circle ...	5,308	6,153	5,997 4 1	13,912	14,379	14,521 15 10	3,914	5,485	4,951 11 10	12,538	11,955	13,063 5 6

Total Navigation Receipts.

Canals.	Earnings, 1891-92. During the quarter.	Earnings, 1891-92. To end of the quarter.	Earnings, 1890-91. During the quarter.	Earnings, 1890-91. To end of the quarter.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Orissa Canals	43,726 6 5	1,32,948 11 2	44,431 9 0	1,25,372 2 11
Midnapore Canal	44,126 14 0	1,25,097 8 0	35,187 12 3	1,23,058 11 9
Hidgellee Tidal Canal ...	16,468 12 9	37,286 13 0	255 11 3	26,809 8 6
Sone Canals	14,499 4 0	57,291 6 9	17,119 1 3	56,703 15 8
Total ...	1,18,821 5 2	3,52,624 6 11	96,994 1 9	3,31,944 6 10

Calcutta,
The 31st May 1892.

G. C. Maconchy,
Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT, BENGAL.

SOUTH-WESTERN CIRCLE.

Statements showing quantities of Goods carried on Canals in Bengal, classed as Minor Works and Navigation, for the quarter ending 31st March 1892.

CALCUTTA AND EASTERN CANALS.

Number of boats and rafts.		Description.		Total Government and Private.				Private.	
				Quantity—Tons.			Value.	Quantity.	Value.
				Up.	Down.	Total.	Rupees.	Tons.	Rupees.
5	1.	Cotton, raw and manufactured	...	......	53	53	27,000	53	27,000
...	2.	Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3.	Dyes and tans	...	......	......	......	......	......	......
6,373	4.	Rice or wheat	...	......	1,27,241	127,241	1,52,37,593	127,241	1,52,37,593
103	5.	Other food-grains	...	41	1,441	1,482	1,03,750	1,482	1,03,750
23	6.	Hides and skins	...	......	36	36	9,840	36	9,840
...	7.	Liquors	...	......	......	......	......	......	......
35	8.	Metal	...	200	62	262	53,525	262	53,525
399	9.	Oils	...	6,022	93	6,115	8,56,150	6,115	8,56,150
60	10.	Oilseeds	...	67	1,039	1,106	1,42,263	1,106	1,42,263
2,430	11.	Provisions	...	1,394	2,074	3,468	4,90,452	3,468	4,90,452
835	12.	Salt	...	13,961	1,684	15,645	15,06,917	15,645	15,06,917
193	13.	Spices	...	......	2,555	2,555	5,72,400	2,555	5,72,400
13	14.	Sugar	...	......	72	72	23,225	72	23,225
4	15.	Tobacco	...	6	11	17	3,150	17	3,150
479	16.	Building materials	...	442	11,829	12,271	1,97,495	12,271	1,97,495
1,994	17.	Miscellaneous goods	...	1,239	13,532	14,771	14,30,666	14,771	14,30,666
...	18.	Timbers	...	......	......	......	......	......	......
1,025	19.	Firewood	...	25	27,633	27,658	1,93,607	27,658	1,93,607
...	20.	Bamboos	...	......	......	......	......	......	......
404	21.	Coal or coke	...	5,885	4,089	9,974	83,017	9,974	83,017
284	22.	Jute	...	3	6,897	6,900	16,13,625	6,900	16,13,625
...	23.	Treasure	...	......	......	......	......	......	......
14,658		Total boat traffic	Tons	29,285	200,341	229,626	2,25,44,675	229,626	2,25,44,675
2	24.	Timber in logs	C. ft.	1,321	......	1,321	3,302	1,321	3,302
...	25.	Squared timber	...	......	......	......	......	......	......
...	26.	Sleepers, broad gauge	...	......	......	......	......	......	......
...	27.	" metre "	...	......	......	......	......	......	......
...	28.	Scantlings	...	......	......	......	......	......	......
...	29.	Poles	...	......	......	......	......	......	......
...	30.	Firewood	...	......	......	......	......	......	......
4	31.	Bamboos	C. ft.	......	1,000	1,000	124	1,000	124
...	32.	Reeds	...	......	......	......	......	......	......
6		Total raft traffic	C. ft.	1,321	1,000	2,321	3,426	2,321	3,426
Boats, 14,658		Grand Total	Tons	29,285	200,341	229,626	2,25,48,101	229,626	2,25,48,101
Rafts, 6			C. ft.	1,321	1,000	2,321		2,321	

TOLLY'S NULLAH.

Number of boats and rafts.	Description.		Total Government and Private. Quantity—Tons. Up.	Down.	Total.	Value. Rupees.	Private. Quantity. Tons.	Value. Rupees.
11	1. Cotton, raw and manufactured ...		......	130	130	66,500	130	66,500
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans		......	......	......	......	......	......
9,468	4. Rice or wheat		3	28,666	28,669	30,42,045	28,669	30,42,045
8	5. Other food-grains		......	78	78	5,500	78	5,500
...	6. Hides and skins		......	......	......	......	......	......
...	7. Liquors		......	......	......	......	......	......
1	8. Metal		7	......	7	800	7	800
116	9. Oils		36	952	988	1,38,250	988	1,38,250
82	10. Oilseeds		......	504	504	63,930	504	63,930
1,081	11. Provisions		87	1,194	1,281	1,64,141	1,281	1,64,141
149	12. Salt		620	1,466	2,086	2,01,946	2,086	2,01,946
46	13. Spices		......	774	774	1,73,600	774	1,73,600
...	14. Sugar		......	......	......	......	......	......
37	15. Tobacco		9	265	274	53,865	274	53,865
845	16. Building materials		54	7,999	8,053	39,143	8,053	39,143
2,028	17. Miscellaneous goods		113	8,418	8,531	7,61,397	8,531	7,61,397
...	18. Timbers		......	......	......	......	......	......
330	19. Firewood		......	4,228	4,228	29,599	4,228	29,599
...	20. Bamboos		......	......	......	......	......	......
174	21. Coal or coke		113	3,006	3,119	22,386	3,119	22,386
7	22. Jute		......	154	154	36,200	154	36,200
...	23. Treasure		......	......	......	......	......	......
14,333	Total boat traffic	Tons	1,042	57,834	58,876	47,99,302	58,876	47,99,302
9	24. Timber in logs ...	C. ft.	80	9,134	9,214	23,035	9,214	23,035
...	25. Squared timber ...	...	......	......	......	......	......	......
...	26. Sleepers, broad gauge ...	...	......	......	......	......	......	......
...	27. „ metre „ ...	...	......	......	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
21	31. Bamboos	C. ft.	......	2,145	2,145	268	2,145	268
...	32. Reeds	...	......	......	......	......	......	......
30	Total raft traffic	C. ft.	80	11,279	11,359	23,303	11,359	23,303
Boats, 14,333	Grand Total	Tons	1,042	57,834	58,876	48,22,605	58,876	48,22,605
Rafts, 30		C. ft.	80	11,279	11,359		11,359	

ORISSA COAST CANAL.

Length of Canal open, 97½ miles.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
42	1. Cotton, raw and manufactured ...		96	......	96	1,00,760	96	1,00,760
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
...	3. Dyes and tans		......	......	......	......	......	......
1,234	4. Rice or wheat		1,924	9,819	11,743	5,70,218	11,743	5,70,218
15	5. Other food-grains		49	......	49	6,735	49	6,735
1	6. Hides and skins		......	7	7	500	7	500
...	7. Liquors		......	......	......	......	......	......
2	8. Metal		2	1	3	260	3	260
87	9. Oils		579	......	579	56,394	579	56,394
4	10. Oilseeds		......	29	29	2,080	29	2,080
94	11. Provisions		56	92	148	5,812	148	5,812
80	12. Salt		495	1	496	58,737	496	58,737
...	13. Spices		......	......	......	......	......	......
54	14. Sugar		117	......	117	12,810	117	12,810
54	15. Tobacco		191	......	191	32,680	191	32,680
47	16. Building materials		101	27	128	1,968	128	1,968
2,480	17. Miscellaneous goods		266	200	466	36,736	466	36,736
15	18. Timbers		22	12	34	2,580	34	2,580
54	19. Firewood		110	31	141	569	141	569
4	20. Bamboos		......	1	1	16	1	16
38	21. Coal or coke		331	1	332	3,389	332	3,389
13	22. Jute		......	29	29	3,135	29	3,135
..	23. Treasure		......	......	......	......	......	......
4,318	Total boat traffic	Tons	4,339	10,250	14,689	8,95,309	14,689	8,95,369
24	24. Timber in logs ...	C. ft.	522	3,752	4,274	3,926	4,274	3,926
...	25. Squared timber ...	...	......	......	......	......	......	......
...	26. Sleepers, broad gauge ...	...	......	......	......	......	......	......
...	27. ,, metre ,, ...	...	......	......	......	......	......	......
...	28. Scantlings	...	......	......	......	......	......	......
...	29. Poles	...	......	......	......	......	......	......
...	30. Firewood	...	......	......	......	......	......	......
66	31. Bamboos	C. ft.	3,425	4,800	8,225	693	8,225	693
...	32. Reeds	...	......	......	......	......	......	......
90	Total raft traffic	C. ft.	3,917	8,552	12,499	4,618	12,499	4,618
Boats, 4,318 Rafts, 90	Grand Total	Tons C. ft.	4,339 3,947	10,250 8,552	14,589 12,499	8,99,987	14,589 12,499	8,99,987

NADIA RIVERS.

Number of boats and rafts.	Description.		Total Government and Private.				Private.	
			Quantity—Tons.			Value.	Quantity.	Value.
			Up.	Down.	Total.	Rupees.	Tons.	Rupees.
1	1. Cotton, raw and manufactured ...		1	......	1	580	1	580
...	2. Woollen goods, raw and manufactured		......	......	......	......	......	......
4	3. Dyes and tans		......	25	25	525	25	525
512	4. Rice or wheat		1,382	2,648	4,030	3,35,069	4,030	3,35,069
1,839	5. Other food-grains		4,876	7,776	12,652	6,96,196	12,652	6,96,196
...	6. Hides and skins		......	......	......	......	......	......
2	7. Liquors		......	......	......	850	......	850
52	8. Metal		247	28	275	1,39,889	275	1,39,889
143	9. Oils		951	......	951	93,775	951	93,775
131	10. Oilseeds		135	1,209	1,344	1,52,951	1,344	1,52,951
28	11. Provisions		14	36	50	16,534	50	16,534
612	12. Salt		4,734	......	4,734	4,02,608	4,734	4,02,608
4	13. Spices		......	13	13	2,632	13	2,632
15	14. Sugar		6	15	21	3,393	21	3,393
34	15. Tobacco		29	196	225	49,905	225	49,905
29	16. Building materials		293	28	321	5,415	321	5,415
1,666	17. Miscellaneous goods		5,599	6,429	12,028	28,12,450	12,028	28,12,450
...	18. Timbers		9	......	9	800	9	800
13	19. Firewood		12	85	97	538	97	538
...	20. Bamboos		......	......	......	......	......	......
124	21. Coal or coke		1,470	141	1,611	22,486	1,611	22,486
271	22. Jute		......	2,884	2,884	3,69,765	2,884	3,69,765
...	23. Treasure		......	......	......	......	......	......
5,540	Total boat traffic	Tons	19,758	21,516	41,274	51,06,361	41,274	51,06,361
75	24. Timber in logs ...	C. ft.	280	19,270	19,550	56,206	19,550	56,206
99	25. Squared timber		......	37,367	37,367	1,02,782	37,367	1,02,782
...	26. Sleepers, broad gauge		......	......	......	......	......	......
...	27. " metre "		......	......	......	......	......	......
...	28. Scantlings		......	......	......	......	......	......
...	29. Poles		......	......	......	......	......	......
...	30. Firewood		......	......	......	......	......	......
8	31. Bamboos	C. ft.	......	8,120	8,120	688	8,120	688
2	32. Reeds	"	......	169	169	26	169	26
184	Total raft traffic	C. ft.	280	64,926	65,206	1,59,702	65,206	1,59,702
Boats, 5,540	Grand Total	Tons	19,758	21,516	41,274	52,66,063	41,274	52,66,063
Rafts, 184		C. ft.	280	64,926	65,206		65,206	

Abstract statement showing Tollage on Canals in Bengal, classed as Minor Works and Navigation, for the quarter ending 31st March 1892, as compared with that of the corresponding quarter of the previous year.

CANALS.	TOLLAGE, 1891-92.		TOLLAGE, 1890-91.	
	During the quarter.	To end of the quarter.	During the quarter.	To end of the quarter.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta and Eastern Canals ...	1,41,660 3 0	3,96,661 4 6	1,51,881 6 9	3,94,473 4 3
Tolly's Nullah	33,397 5 0	1,12,520 14 9	41,696 11 6	1,20,271 4 9
Total ...	1,75,057 8 0	5,09,182 3 3	1,93,578 2 3	5,14,744 9 0
Orissa Coast Canal	22,435 15 0	59,104 8 9	18,236 7 3	63,715 9 9
Nadia Rivers	25,459 0 6	1,92,718 7 0	33,660 14 9	2,00,507 15 0
GRAND TOTAL ...	2,22,952 7 6	7,61,005 3 0	2,45,475 8 3	7,78,968 1 9

CALCUTTA,
The 31*st May* 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT,—BENGAL.

IRRIGATION.

Statement showing heights over mean sea-level and low-water in the Rivers Ganges, Bhagirathi, Jalangi, and Brahmaputra, for the month of April 1892.

Date.	River Ganges.																River Bhagirathi.		River Jalangi.		River Brahmaputra.	
	Mirzapur.		Benares.		Buxar.		Dinapur.		Monghyr.		Sahibganj.		Rampur Boalia.		Goalundo.		Berhampore.		Sarupganj.		Gowhatty.	
Miles.	86		134	48	90		177	87	287	110	381	94	471	90	591	120						
Distance.	From Allahabad		From Allahabad	From Mirzapur	From Benares		From Benares	From Buxar ...	From Benares	From Dinapur	From Benares	From Monghyr	From Benares	From Sahibganj ...	From Benares	From Rampur Boalia ...						
	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.
1st	2·17	208·39	Below zero. 1·42	195·38	0·08	169·13	6·25	140·48	Below zero. 2·98	98·87	Below zero. 4·33	63·67	Below zero. 2·69	39·31	4·33	13·27	1·08	34·82	3·83	8·13	1·40	150·16
2nd	2·08	208·30	1·54	195·26	Below zero. 0·03	168·97	6·25	140·48	3·00	98·85	4·42	63·58	2·69	39·31	4·17	13·11	1·08	34·82	3·33	7·63	3·30	152·06
3rd	2·08	208·30	1·54	195·26	0·17	168·88	6·25	140·48	3·04	98·81	4·50	63·50	2·67	39·33	3·83	12·77	1·04	34·78	3·08	7·38	5·60	154·36
4th	2·08	208·30	1·54	195·26	0·25	168·80	6·25	140·48	3·08	98·77	4·50	63·50	2·64	39·36	3·42	12·36	1·04	34·78	2·92	7·22	6·25	155·01
5th	2·00	208·22	1·54	195·26	0·33	168·72	6·25	140·48	3·08	98·77	4·58	63·42	2·62	39·38	3·33	12·27	1·04	34·78	2·00	6·30	5·70	154·46
6th	2·00	208·22	1·54	195·26	0·33	168·72	6·25	140·48	3·10	98·75	4·58	63·42	2·64	39·36	3·33	12·27	1·00	34·74	1·83	6·13	5·00	153·76
7th	2·00	208·22	1·54	195·26	0·42	168·63	6·25	140·48	2·92	98·93	4·67	63·33	2·67	39·33	3·33	12·27	1·00	34·74	1·83	6·13	4·20	152·96
8th	2·00	208·22	1·56	195·24	0·42	168·63	6·25	140·48	2·83	99·02	4·67	63·33	2·69	39·31	4·50	13·44	1·00	34·74	2·00	6·30	3·35	152·31
9th	1·92	208·14	1·58	195·22	0·50	168·55	6·25	140·48	2·83	99·02	4·67	63·33	2·71	39·29	4·75	13·69	1·00	34·74	2·00	6·30	3·00	151·76
10th	1·92	208·14	1·60	195·20	0·50	168·55	6·25	140·48	2·87	98·98	4·75	63·25	2·71	39·29	5·00	13·94	0·96	34·70	2·38	6·68	2·70	151·46
11th	1·92	208·14	1·62	195·18	0·50	168·55	6·20	140·43	2·92	98·93	4·75	63·25	2·67	39·33	5·00	13·94	0·92	34·66	2·25	6·55	2·70	151·46
12th	2·00	208·22	1·64	195·16	0·58	168·47	6·15	140·38	3·00	98·85	4·67	63·33	2·62	39·38	4·83	13·77	0·87	34·61	2·50	6·80	2·40	151·16
13th	2·08	208·30	1·67	195·13	0·58	168·47	6·10	140·33	3·04	98·81	4·58	63·42	2·62	39·38	4·75	13·69	0·87	34·61	2·25	6·55	2·55	151·31
14th	2·00	208·22	1·69	195·11	0·58	168·47	6·05	140·28	3·08	98·77	4·58	63·42	2·62	39·38	4·75	13·69	0·83	34·57	2·67	6·97	3·20	151·96
15th	1·92	208·14	1·71	195·09	0·67	168·38	6·00	140·23	3·08	98·77	4·58	63·42	2·60	39·40	4·75	13·69	0·83	34·57	2·17	6·47	4·10	152·86
16th	1·83	208·05	1·73	195·07	0·67	168·38	5·95	140·18	3·12	98·73	4·50	63·50	2·60	39·40	4·67	13·61	0·83	34·57	2·17	6·47	4·10	152·86
17th	1·83	208·05	1·83	194·97	0·67	168·38	5·90	140·13	3·17	98·68	4·50	63·50	2·58	39·42	4·75	13·69	0·83	34·57	2·17	6·47	3·20	151·96
18th	1·75	207·97	1·87	194·93	0·75	168·30	5·90	140·13	3·25	98·60	4·42	63·58	2·54	39·42	4·92	13·86	0·83	34·57	2·25	6·55	2·70	151·46
19th	1·67	207·89	1·92	194·88	0·75	168·30	5·90	140·13	3·29	98·56	4·50	63·50	2·62	39·38	5·00	13·94	0·83	34·57	2·17	6·47	2·40	151·16
20th	1·67	207·89	1·96	194·84	0·75	168·30	5·90	140·13	3·33	98·52	4·58	63·42	2·67	39·33	5·08	14·02	0·83	34·57	2·00	6·30	2·40	151·16
21st	1·58	207·80	2·00	194·80	0·83	168·22	5·90	140·13	3·35	98·50	4·67	63·33	2·71	39·29	4·92	13·86	0·79	34·53	2·00	6·30	2·60	151·36
22nd	1·50	207·72	2·04	194·76	0·83	168·22	5·90	140·13	3·37	98·48	4·75	63·25	2·69	39·31	4·25	13·19	0·79	34·53	2·33	6·63	2·55	151·31
23rd	1·50	207·72	2·08	194·72	0·83	168·22	5·85	140·08	3·42	98·43	4·75	63·25	2·67	39·33	4·50	13·44	0·79	34·53	3·08	6·38	2·50	151·26
24th	1·33	207·55	2·12	194·68	0·92	168·13	5·85	140·08	3·46	98·39	4·67	63·33	2·67	39·33	4·92	13·86	0·75	34·49	3·08	6·38	2·90	151·66
25th	1·25	207·47	2·17	194·63	0·92	168·13	5·80	140·03	3·50	98·35	4·50	63·50	2·62	39·38	4·75	13·69	0·75	34·49	4·00	8·30	3·60	152·36
26th	1·17	207·39	2·21	194·59	0·92	168·13	5·90	140·13	3·52	98·33	4·33	63·67	2·58	39·42	5·42	14·36	0·75	34·49	4·33	8·63	6·20	154·96
27th	1·08	207·30	2·21	194·59	1·00	168·05	5·90	140·13	3·54	98·31	4·33	63·67	2·46	39·54	6·00	14·94	0·75	34·49	4·25	8·55	11·20	159·96
28th	1·03	207·30	2·21	194·51	1·00	168·05	5·90	140·13	3·58	98·27	4·42	63·58	2·42	39·58	6·25	15·19	0·75	34·49	3·67	7·97	14·60	163·36
29th	1·00	207·22	2·37	194·43	1·08	167·97	5·85	140·08	3·60	98·25	4·50	63·50	4·37	37·63	6·83	15·77	0·71	34·45	3·50	7·80	15·00	163·76
30th	1·00	207·22	2·46	194·34	1·08	167·97	5·75	139·98	3·62	98·23	4·58	63·42	2·37	39·63	7·50	16·44	0·71	34·45	3·00	7·30	13·10	161·86

CALCUTTA,
The 31st May 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate return of traffic for the week ending Saturday, the 21st May **1892**, *as compared with the corresponding week of the previous year.*

Nature of Cargo.	Week ending Saturday, the 21st May 1892.			Week ending Saturday, the 23rd May 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	179	55,145	913	168	42,310	650
Jute	6	1,300	9	27	17,250	194
Firewood	73	39,885	629	117	90,600	1,349
Other articles	704	1,40,915	2,176	615	1,34,755	2,785
Total ...	962	2,37,245	3,727	927	3,34,915	4,978

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 28th May 1892, *as compared with the corresponding week of the previous year.*

Nature of Cargo.	Week ending Saturday, the 28th May 1892.			Week ending Saturday, the 30th May 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	184	61,175	918	287	65,925	994
Jute	14	4,800	53	9	5,475	98
Firewood	138	68,465	1,044	145	73,650	1,588
Other articles	906	1,81,270	2,662	917	2,22,670	3,353
Total ...	1,242	3,15,710	4,677	1,358	3,67,720	5,983

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 21st May 1892, on 1,552¾ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	283,918	2,66,913 15 0	36,74,121 10	9,40,941 1 0	20,953 7 0	12,28,808 7 0	71,157½	167,320½	238,478
Or per mile of railway	......	171 14 4	......	605 15 9	13 7 11	791 6 0	......	......	.....
For previous 19¾ weeks of half-year	5,558,818	60,84,762 8 0	5,62,73,672 30	1,37,08,776 0 8	3,55,220 1 9	2,01,48,758 10 5	1,474,624	2,224,164½	3,698,788¾
Total for 20¾ weeks ...	5,842,736	63,51,676 7 0	5,99,47,794 0	1,46,49,717 1 8	3,76,173 8 9	2,13,77,567 1 5	1,545,781½	2,391,485½	3,937,266¾
COMPARISON.									
Total for corresponding week of previous year	301,048½	2,82,727 8 9	32,04,379 20	7,92,621 1 0	33,028 1 0	11,08,976 10 9	72,057	124,966	197,023
Per mile of railway corresponding week of previous year ...	......	185 5 4	......	519 0 4	22 0 8	726 15 4	......	......	.. ...
Total for corresponding 20¾ weeks of previous year ...	5,891,527	67,59,839 3 7	5,74,90,308 10	1,39,07,960 9 8	4,44,347 1 2	2,11,13,146 14 0	1,525,615	2,151,837	3,677,452

PATNA-GAYA STATE RAILWAY.

Approximate Return of Traffic for week ended 21st May 1892, on 57¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*11,919	*5,341 5 0	68,762 20	4,347 11 0	50 0 0	9,739* 0 0	1,600	794	2,394
Or per mile of railway	208½	93 6 1	1,202 10	76 0 1	0 14 0	170 4 2	......	......	.....
For previous 19¾ weeks of half-year	294,336	1,53,061 9 0	12,79,286 10	75,307 2 0	945 9 3	2,29,314 4 3	32,674	18,280	50,954
Total for 20¾ weeks ...	306,255	1,58,402 14 0	13,48,048 30	79,654 13 0	995 9 3	2,39,053 4 3	34,274	19,074	53,348
COMPARISON.									
Total for corresponding week of previous year	14,447½	6,492 0 7	55,539 0	3,564 8 0	40 3 0	10,096 11 7	1,738	827	2,565
Per mile of railway corresponding week of previous year ...	253	113 7 11	971 0	62 5 1	0 11 3	176 8 3	......	......	.....
Total for corresponding 20¾ weeks of previous year ...	360,951	2,02,705 15 6	10,38,504 20	72,452 7 0	1,145 8 3	2,76,303 14 9	33,081	17,052	50,133

* Decrease is due to less movement of pilgrims.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 21st May 1892, on 22¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	*17,532	*4,850 11 0	7,273 20	363 10 0	8 0 0	5,222 5 0	823	85	908
Or per mile of railway	......	218 0 1	......	16 5 6	0 5 9	234 11 4	......	......	.....
For previous 19¾ weeks of half-year	447,196	1,16,175 14 0	3,42,186 10	12,02) 15 9	210 0 9	1,28,415 14 6	17,218	2,039	19,257
Total for 20¾ weeks ...	464,728	1,21,026 9 0	3,49,459 30	12,39) 9 9	218 0 9	1,33,638 3 6	18,101	2,124	20,225
COMPARISON.									
Total for corresponding week of previous year	22,561½	5,918 5 4	13,348 20	479 12 0	4 2 3	6,402 3 *7	850	118	968
Per mile of railway corresponding week of previous year ...	......	265 15 10	......	21 9 0	0 3 0	287 11 10	......	......	.....
Total for corresponding 20¾ weeks of previous year ...	515,139½	1,38,363 8 8	2,90,087 0	9,959 11 0	213 14 6	1,48,536 13 2	18,950	2,150	21,100

* Decrease is due to less movement of pilgrims.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 21st May 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	*15,680	*11,412 8 0	57,832 20	9,252 7 0	89 0 0	20,753 15 0	6,615	2,118	8,733
Or per mile of railway	......	70 7 2	......	57 1 10	0 8 9	128 1 9	......	......	......
For previous 19 3/7 weeks of half-year	319,412	2,40,691 14 0	8,46,403 30	1,60,093 12 0	1,382 15 9	4,02,168 9 9	118,618	41,299½	159,917½
Total for 20 3/7 weeks ...	335,092	2,52,104 6 0	9,04,236 10	1,69,346 3 0	1,471 15 9	4,22,922 8 9	125,233	43,417½	168,650½
Comparison.									
Total for corresponding week of previous year	15,139½	9,707 6 11	35,396 0	7,314 2 0	42 12 3	17,064 5 2	6,941	1,973	8,914
Per mile of railway corresponding week of previous year ...	......	59 14 9	......	45 2 4	0 4 3	105 5 4	......	......	......
Total from 1st March to corresponding period 12 weeks of previous year	195,787	1,65,663 3 0	3,83,971 0	89,967 5 3	713 4 0	2,56,433 12 3	79,823	19,596	99,419

* Increase in some measure is due to running of special trains.

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Bihár Sections.)

Approximate Return of Traffic for week ended 21st May 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	160,753	74,810 0 0	5,04,082 0	82,070 0 0	10,410 0 0	1,67,890 0 0	26,596	28,716	55,312
Or per mile of railway	207	96 0 0	649 0	106 0 0	†1 0 0	208 0 0	......	......	......
For previous 19 weeks of half-year*	3,293,307	15,97,043 0 0	1,10,60,185 0	15,44,721 0 0	2,70,111 0 0	*34,11,875 0 0	532,992	552,316	1,085,308
Total for 20 weeks ...	3,454,060	16,71,853 0 0	1,15,64,267 0	16,27,391 0 0	2,80,521 0 0	35,79,765 0 0	559,588	581,032	1,140,620
Comparison.									
Total for corresponding week of previous year	175,235	78,430 0 0	6,03,327 0	1,04,631 0 0	11,142 0 0	1,94,203 0 0	26,984	33,805	60,789
Per mile of railway corresponding period of previous year ..	226	101 0 0	776 0	134 0 0	†—1 0 0	234 0 0	......	......	......
Total to corresponding date of previous year	3,755,018	21,40,434 0 0	1,41,26,968 0	25,34,694 0 0	4,92,263 0 0	51,87,391 0 0	549,382	765,920	1,315,302

* Audited up to week ending 2nd April 1892.
† Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 21st May 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	28,791	10,410 0 0	52,297 0	3,350 0 0	60 0 0	13,820 0 0	4,610	1,148	5,758
Or per mile of railway ...	230	83 0 0	418 0	27 0 0	1 0 0	111 0 0	.....	......	.....
For previous 19 weeks of half-year	570,782	2,05,459 0 0	10,93,657 0	70,451 0 0	1,916 0 0	*2,77,826 0 0	68,645	40,778	109,423
Total for 20 weeks ...	599,573	2,15,869 0 0	11,45,954 0	73,801 0 0	1,976 0 0	2,91,646 0 0	73,255	41,926	115,181
Comparison.									
Total for corresponding week of previous year	29,223	10,201 0 0	73,372 0	4,257 0 0	51 0 0	14,509 0 0	4,485	1,187	5,672
Per mile of railway corresponding week of previous year ...	234	82 0 0	563 0	34 0 0	......	116 0	.....	......	......
Total to corresponding date of previous year	627,574	2,70,163 0 0	14,41,133 0	86,515 0 0	1,414 0 0	3,58,102 0 0	72,868	45,213	118,081

* Audited up to week ending 2nd April 1892.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended **21st** *May* **1892,** *on* **86** *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	15,841	4,740 0 0	7,969 0	770 0 0	110 0 0	5,620 0 0	2,487	737	3,224
Or per mile of railway	184	55 0 0	93 0	9 0 0	1 0 0	65 0 0	......	......	......
For previous 19 weeks of half-year	327,547	1,05,349 0 0	2,26,243 0	19,800 0 0	3,043 0 0	*1,28,192 0 0	47,902	14,096	61,998
Total for 20 weeks ...	343,388	1,10,089 0 0	2,34,212 0	20,570 0 0	3,153 0 0	1,33,812 0 0	50,389	14,833	65,222
Comparison.									
Total for corresponding week of previous year	16,066	4,976 0 0	9,487 0	983 0 0	99 0 0	6,058 0 0	2,414	690	3,104
Per mile of railway corresponding period of previous year ...	187	58 0 0	110 0	11 0 0	1 0 0	70 0 0	......	......	......
Total to corresponding date of previous year	376,913	1,30,547 0 0	5,98,866 0	53,144 0 0	3,797 0 0	1,87,488 0 0	51,126	23,162	74,288

* Audited up to week ending 2nd April 1892.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhut State Railway.)

Approximate Return of Traffic for the week ending **14th** *May* **1892,** *on* **755** *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Coaching.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 755 miles open	104,660	45,710	4,90,730	79,400	16,630	1,41,740	12,341	26,008	38,349
Or per mile of railway	138·62	60·54	649·97	105·17	22·03	187·74	......	......	......
For previous 18¾ weeks of half-year (a)	1,715,489	7,59,604	74,78,715	10,42,376	2,14,462	20,16,442	221,453	351,363	572,816
Total for 19¾ weeks .	1,820,149	8,05,314	79,69,445	11,21,776	2,31,092	21,58,182	233,794	377,371	611,165
Comparison.									
Total for corresponding week of previous year on 712 miles open	104,662	40,659	4,80,874	67,476	11,684	1,19,819	11,416	21,598	33,014
Per mile of corresponding week of previous year	147·00	57·11	675·38	94·77	16·41	168·29	......	......	......
Total to corresponding date of previous year	1,892,739	8,11,036	82,70,488	11,71,300	1,88,906	21,71,242	214,518	384,981	599,499

(a) Includes audited figures up to 5th March 1892.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs. A. P.
Approximate earnings for week ending 14th May 1892	16,741 0 0
Corresponding period of 1891	16,153 0 0
Increase	588 0 0
Receipts per mile for week ending 14th May 1892	328 4 1
Corresponding period of 1891	316 11 9
Increase	11 8 4
Receipts from 1st January to 14th May 1892	2,11,392 0 0
Corresponding period of 1891	1,98,337 0 0
Increase	13,055 0 0

Printed and published by Edwin Morris Lewis at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 1st June 1892.

[REGISTERED No. 29.

No. 23 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, JUNE 8, 1892.

OFFICIAL PAPERS.

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CONTENTS.

RESOLUTION ON THE FINAL REPORT OF THE SURVEY AND SETTLEMENT OF THE DUBALHATI ESTATE IN THE DISTRICT OF RAJSHAHI.

REVENUE DEPARTMENT—LAND REVENUE.

Calcutta, the 31*st May* 1892.

RESOLUTION No. 2167L.R.

READ—

A letter No. 350A., dated the 13th April 1892, from the Board of Revenue, with enclosures, submitting the final report of the survey and settlement of the Dubalhati Estate in the district of Rajshahi.

1. The Lieutenant-Governor is glad to record the pleasure with which he has perused this report. It contains much interesting information in a convenient form, and the intelligence displayed in dealing with the general economic condition of the raiyat reflects great credit on the Settlement Officer, Munshi Nandjee. No settlement report which the Lieutenant-Governor has previously seen so nearly fulfils his ideal of what such a report should be.

2. The necessity for undertaking these operations arose from protracted disputes between the late Raja of Dubalhati and his tenants, which were likely to culminate in serious disturbances. They were in conflict on almost every question* affecting the relation of landlord and tenant, and their respective rights in the land. They could not agree as to the rates of rent, or the standard of measurement, or the extent of occupancy rights. The raiyats were aggrieved by the levy of illegal cesses, and by the interference of the Raja with their marriage and social arrangements: the zamindari accounts were in a condition of chaos, and, in the uncertainty which existed as to legal rights,

both sides were prepared to appeal to force. Fortunately, wiser counsels prevailed, and it was determined to resort to the provisions of the Tenancy Act. The preparation of an accurate record was, however, under these conditions, a work of extreme difficulty. In many cases a raiyat was entered as paying rent for land which he did not hold, while he was holding land for which he paid no rent. There was no record in the Raja's office of mutations of holdings or sub-divisions of tenures, and, as a consequence, in many villages, the names of raiyats and the amount of their rents did not correspond with the entries in the khatians. The rents shown in some of the road cess returns of 1872 of which copies were in existence were much less than those shown in the returns of 1880. The raiyats relied upon the former, and the zamindar upon the latter. As a consequence, it was necessary to ascertain not only the existing rents, but by whom they were to be paid; and even after the rates had been determined by compromise, it was still a difficult task to prepare the jamabandi.

3. The property in question consisted of 8 estates borne on the tauzi, comprising 211 villages. The area surveyed and settled was 37,758 acres contained in 195 villages, in addition to which an area of 2,493 acres was cadastrally surveyed at the request of the Raja's agents, but was found not to belong to him; a further area of 1,543 acres was demarcated, but subsequently excluded from survey on the joint application of the Raja and his tenants as they had made up their differences. The survey by plane table was commenced in March 1888, and ended in March 1890. The settlement proceedings lasted from November 1889 to August 1891. The new rent-rolls were finally published in 1890-91, and took effect from April 1892.

4. The total cost of the survey and settlement has been Rs. 37,449-3-4, inclusive of Rs. 703-1-4 on account of the net cost to the estate of survey instruments; of this total, Rs. 5,025-10 have been realized on account of process fees, court-fees and copying fees, leaving Rs. 32,423-9-4 to be apportioned between the parties interested. The incidence of this sum on the total area dealt with, 41,794 acres, would be 12 annas 2 pie per acre, but on the 37,758 acres surveyed and settled it falls at the high rate of 13 annas 8 pie per acre. The settlement officer in paragraphs 172-178 of his report states that the cost of survey alone was less than 4 annas per acre, and explains the large balance of the charge as due to the extreme confusion into which rights and accounts had fallen, and the large number of disputes which had to be settled. He claims, and in the Lieutenant-Governor's opinion rightly claims, credit for having disposed of these disputes in a manner highly advantageous to the parties concerned. He decided 4,448 disputes in 3 years, besides conducting all the survey and settlement operations. Had these disputes been separately filed in a Munsif's Court, they would have taken longer, and have cost the litigants a larger sum.

5. The difficulties in the way had not been unforeseen, and both Mr. Phillips and Mr. Macpherson, successive District Officers, had estimated the cost at not less than 12 annas an acre. Indeed, protracted litigation might have indefinitely postponed the conclusion of the settlement and increased the cost to a corresponding degree, if a compromise had not been effected between the Raja and his raiyats, which afforded a guide and working basis for the Settlement Officer. Lengthened negotiations were required to bring about this amicable arrangement, to which the Lieutenant-Governor considers that much of the ultimate success achieved is due. His Honour desires to convey to Mr. Finucane and to Munshi Nundjee acting under his orders, as also to Mr. Phillips, his acknowledgment of their meritorious and successful efforts in this matter.

6. The Lieutenant-Governor is not quite clear as to the correctness of the calculations by which, as above stated, the sum of Rs. 5,025-10 is deducted from the gross cost of the settlement. If the wages of process-serving peons are included in the cost of establishment, the process fees are rightly deducted, and, generally speaking, whatever is collected in cash should be credited against the cash expenditure, but not what is collected in court fee or other stamps. If any considerable part of the Rs. 5,025-10 consisted of such stamp receipts, the calculation should be revised. The details of the total expenditure, Rs. 37,449-3-4, are not given, and it will be convenient if the Board prescribe that in future every settlement report shall contain an appendix giving these details.

7. The Lieutenant-Governor agrees with the Board and the Director that the Raj must pay the entire cost of the survey of lands held by the Raja as his own holding, and of the fallow lands recorded in his name, which are not in the occupation of any tenants. The objections which the Raja put forward in his petition are opposed to reason and quite untenable. With regard to service tenure-holders, the Director thinks that it would be unfair to charge any part of the cost to them as they are liable to be dismissed at any moment, and ejected from their land; but Sir Charles Elliott agrees with the Board that the contingency is not one on which much stress should be laid, and they must pay their share. The remaining cost will therefore be distributed as shown in paragraph 9 of the Director's report, subject to any revision of the divisible cost.

Of the Rs. 18,921-12-8 due from the Raja, a sum of Rs. 6,000 only has been paid by him, and the balance of Rs. 12,921-12-8 is still due.

Out of Rs. 13,501-12-8 falling to the raiyats' and tenure-holders' share, Rs. 10,838-8 are due from the raiyats, and of this sum Rs. 9,979-12-6 have been realised from them; the balance of Rs. 3,522-0-2 remains to be realised from them and from the holders of service lands.

8. The result of the settlement has been an increase of rent from Rs. 68,127-14 to Rs. 86,295-1-2½ or 26·8 per cent. Thus a single year's increase in the rental, Rs. 18,167, has almost recouped to the estate the whole cost it has incurred in the settlement operations. This increase is entirely due to more accurate measurement, there having been no increase in the rates. The average rent per acre is now Rs. 3-6-8, which is lower than the average rate found to exist in Muzaffarpur, Rs. 3-12. The Raj and the raiyats have therefore every reason to be satisfied; and, with reference to paragraph 188 of the Settlement Officer's report, the Collector is requested to watch carefully the progress of affairs, and to take such measures as may occur to him to prevent any wrong-doing on the part of the Raj which may lead to new difficulties.

9. Much useful and interesting information is contained in the Settlement Officer's report, regarding the economic conditions under which the agriculturists exist, the cost of living, the cost of cultivation, the average outturn of crops, the fixation of rent, and so forth. It was found that 93·405 per cent. of the tenants are settled raiyats with occupancy rights, 6·49 per cent. non-occupancy raiyats, and ·105 per cent. tenure-holders. The Settlement Officer observed a few cases of the transfer of occupancy rights, but the Raja made strong objections to the record of such transfer, on the ground that the custom of transferring the right of occupancy by sale did not prevail in his zamindari. It was true that some of the refractory tenants had recently sold their holdings without his knowledge in order to establish a custom in their favour, but he contended that such transfers were null and void, and the majority of the tenants admitted that he was not bound to recognize them unless made with his consent and registered in his office. The custom was therefore held not to exist.

The number and average area of holdings were found to be as follows:—

	Number.	
Tenure-holders ...	9	56 acres.
Settled raiyats ...	7,936	3 „
Non-occupancy raiyats ..	552	a little over 1 acre.
Under tenants ...	2,496	a little under 1 „

It is stated that raiyats sublet their holdings to a large extent on a system called *adi* under which the produce is divided equally between the raiyat and under-raiyat. It is difficult to conceive how this practice can exist when the area of holdings is so small as 3 acres.

10. The Lieutenant-Governor desires that in future every settlement report may be accompanied by an illustrative map on the scale of 1 inch to a mile, showing the situation and boundaries of the villages and the leading topographical features.

11. The interesting remarks contained in the report on the subject of the cultivation of ganja will be considered in the Financial Department of this Government.

ORDER.—Ordered that a copy of this Resolution be published in the *Calcutta Gazette*, and a copy forwarded to the Board of Revenue for information and guidance.

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,

Secretary to the Government of Bengal.

ADMINISTRATION REPORT OF THE BENGAL METEOROLOGICAL DEPARTMENT FOR THE YEAR 1891-92.

THE following report is published for general information.

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,

The 7th June 1892. *Secretary to the Government of Bengal.*

THE Administration Report for the year 1891-92 is intended to give a brief statement of the more important events only of the year, for the full report giving details of the administration of the Department for the triennial period 1890-93 will be issued at the beginning of the following year 1892-93.

The Department has been under my control for the whole year, as I have been on duty throughout this period.

The changes in the administration of the Department during the year have been of minor character, and there have been few years recently where the alterations introduced have been so small; but though there have been no changes in the principles on which the Department has been worked, a number of small improvements have been introduced to make the previous arrangements work more smoothly.

Observatories.

The number of meteorological observatories submitting reports to the Bengal Meteorological Department on the 31st of March 1892 was 70, instead of 69 observatories reporting in 1890-91. The only addition made during the year is the voluntary observatory at Kalimpong; but even in this case the observatory was erected and the instruments were arranged at the close of 1890-91, though observations were not recorded until the 1st of April 1891.

These observatories are arranged under the following heads:—first class observatory 1, second class observatories 15, third class observatories 38, voluntary observatories 8, and observatories not directly under the Bengal Reporter, but submitting daily observations in connection with the storm signal service, 8.

The following table will show the names and distribution of the observatories in question:—

1st class observatory.	2nd class observatories.	3rd class observatories.		Voluntary observatories.	Other observatories reporting to the Department, but not under direct control of the Department.
Bengal. Alipore* ...	Assam. Dhubri. Sibsagar. Silchar. Bengal. Berhampore. Burdwan. Chittagong. Cuttack. Dacca. Darbhanga. Darjeeling. False Point. Hazáribágh. Patna. Saugor Island. Burmah. Akyab.	Bengal. Arrah. Balasore. Bankura. Barisál. Bhágalpur. Bogra. Buxar. Chaibassa. Chapra. Comilla. Dehri. Dinajpur. Faridpur. Gaya. Jalpaiguri. Jessore. Krishnagar. Malda. Midnapore.	Bengal (continued). Motihari. Muzaffarpur. Mymensingh. Naya Dumka. Noakhali. Puri. Purnea. Rampur-Boalia. Ranchi. Raniganj. Rangpur. Sirajganj. Burmah. Tavoy. Madras. Cocconada. Cuddalore. Gopalpur. Madras (Port Office). Nellore. Pamban	Assam. Tura. Bengal. Demagiri. Fort Tregear. Gnatong. Kalimpong. Lungleh. Shortt's Island. Madras. Vizagapatam †	Burmah. Bassein. Diamond Island. Moulmein. Rangoon. Ceylon. Galle. Trincomallee. Madras. Masulipatam. Negapatam.

* Under the direct control of the Meteorological Reporter to the Government of India.

† This observatory is not under the control of this Department. It is under the direction of Mr. A. V. Nursing Row of Vizagapatam.

In the year 1890-91 the number of rainfall recording stations reporting to the Bengal Meteorological Office was two hundred and fifty-seven. During the year under review ten rainfall stations have been added, and the number now stands at two hundred and sixty-seven. The stations which have been added during the year are Acquapada in the Balasore district, Mohesreka in the Howrah district, Khiri, Ageaon, Ramnagar, Koath, Sekroul, Bassawan, and Manaharpur in the Shahabad district, and Pandra in the Manbhum district. In the case of the Shahabad district the stations named were formerly established in connection with the Irrigation Department, and through the courtesy of the Superintending Engineer of the Sone Circle, they now report to the Meteorological Office as well.

The number of rainfall recording stations in each of the districts of the Province is shown in the following statement. In the majority of districts the number of stations appears quite sufficient to give an accurate estimate of the rain falling over the area, and, so far as can be ascertained also, the stations are probably fairly representative of the country dealt with. The system of rainfall registration, however, would probably be improved if a few more recording stations could be established in such districts as Puri, Midnapore, Chittagong, Rangpur, Saran, Sonthal Parganas, Lohardaga, and Singhbhum:—

Number of rainfall recording stations in each district in Bengal, &c., on 31st March 1892.

District	Stations	District	Stations
Puri	7	Rajshahi	5
Cuttack	8	Malda	5
Balasore	6	Dinajpur	4
Midnapore	7	Rangpur	6
24-Parganas	7	Jalpaiguri	5
Howrah	3	Kuch Bihár	4
Hooghly	3	Darjeeling	5
Burdwan	5	Purnea	7
Bankura	10	Bhágalpur	7
Birbhum	5	Darbhanga	5
Nadia	5	Muzaffarpur	7
Khulna	5	Champaran	4
Jessore	5	Saran	3
Murshidabad	8	Shahabad	13
Chittagong	4	Gaya	9
Chittagong Hill Tracts	2	Patna	6
Backergunge	6	Monghyr	5
Noakhali	4	Sonthal Parganas	8
Faridpur	3	Hazáribágh	9
Dacca	5	Lohardaga	3
Tippera	9	Palámau	4
Mymensingh	9	Singhbhum	4
Pabna	2	Manbhum	7
Bogra	4		

267 stations in all.

Inspection of meteorological observatories.

Twenty visits of inspection to various meteorological observatories (excluding rain-gauge stations) under the Bengal Reporter have been made during the year by different officers of the Department, and in addition three informal inspections were made by the former Inspector of Observatories under this Department, who has lately been employed in Census work. Of this number four inspections were made by the Meteorological Reporter to the Government of India, nine inspections by the Bengal Reporter, one by the Madras Reporter, and the remainder (6) by the Inspector of Observatories or the Personal Assistant to the Meteorological Reporter to the Government of India.

The number of observatories inspected in 1891-92 has again been rather smaller than the average of former years; but, as pointed out in the report for the previous year, this is inevitable with the present arrangements. The Bengal Reporter, who is mainly responsible for the inspection of the Bengal stations, is also now responsible for warning the ports round the whole Bay of Bengal of the occurrence of storms throughout the whole year, and hence he can only leave Calcutta during brief intervals when severe storms are not expected. In

the second place, also, I am personally only a half-time officer as Bengal Reporter and can practically only leave Calcutta during the vacations of the Presidency College, which is an additional curtailment of the possibilities of my leaving Calcutta on meteorological inspection tours.

The following were the observatories under the Bengal Reporter inspected during the year :—

Arrah.	Darbhanga (twice).
Bankipore.	Darjeeling.
Bankura.	Dehri.
Berhampore.	Gaya.
Bhágalpur (twice).	Kalimpong.
Buxar.	Malda.
Chaibassa.	Muzaffarpur.
Chapra (twice).	Ranchi.
Cuddalore.	Raniganj (twice).
Cuttack.	

The general result of these inspections was that the observatories at Bankipore, Berhampore, Bhágalpur, and Kalimpong were found to be in excellent order; those at Arrah, Bankura, Buxar, Chapra, Darjeeling, Darbhanga, Gaya, and Raniganj (on the second inspection) were found to be in good order; those at Cuttack, Cuddalore, Dehri, and Malda were found to be in fair order only and not in very satisfactory condition, while Chaibassa, Ranchi, and Raniganj (on the first inspection) were in bad order.

Work at observatories.

The standard of work at the observatories generally throughout the year has been good, though there have naturally been exceptions, but, so far as can be judged, the quality of the work in 1891-92 has been quite equal to, if not superior to, that of former years.

First class observatory.—The only observatory of this class is at Calcutta (Alipore). It is not under the Bengal Meteorological Department at all, but is under the control of the India Reporter, and is in charge of the Second Assistant to the Meteorological Reporter to the Government of India, who is stationed at Calcutta throughout the year. The observations made at the Alipore observatory are, however, supplied daily to the Bengal Reporter; but as the observatory is not under the control of this Department, its working cannot be reviewed.

Second class observatories.—Five out of the fifteen observatories of this class were inspected during the year. At the time of the inspection of Bankipore the observatory was in excellent condition, and throughout the whole year 1891-92 the observer there has done very accurate work, and he has scarcely made a single mistake of any description. At Berhampore, also, at the time of inspection the observatory was in excellent order, showing the great care the observer always takes in his work, and his observations have also been quite accurate throughout the year. In the previous Administration Report reference was made to the fact that the Darbhanga observatory had been in an extremely unsatisfactory condition, and that the very strong measure of stopping the observer's pay for eight months had been resorted to. It is satisfactory that this has had the desired effect, and when the observatory was inspected in August 1891 and in March 1892, it was found in good condition. The observations submitted from Darbhanga during the year were also moderately satisfactory, though by no means of so high an order of accuracy as those from Berhampore and Bankipore. The Darjeeling observatory was also found in good order at the time of inspection, and the returns of observations on the whole have been accurate. When the Cuttack observatory was visited its condition was only fair, and some of the instruments were a little out of order. On the other hand, the observations submitted by the observer at Cuttack have on the whole been very accurate.

The remaining ten second class observatories not having been visited during the year, the only test of the nature of their working which can be applied is by a careful study of the observations that have been sent in to this office. Judged by this standard, Akyab, Burdwan, Dhubri, Hazáribágh, Saugor Island, Sibsagar, Silchar, and perhaps False Point, have sent in excellent results throughout the year, and have probably been kept in very good order

by their respective observers. Chittagong and Dacca during the year have sent in observations which were not quite so trustworthy, and a certain or perhaps considerable number of mistakes have been found in the registers received from these stations. On the other hand, in the Administration Report for the previous year it was stated that the observer at Chittagong had earned the reputation of making more mistakes than any other observer in Bengal. This, however, is by no means the fact in the present year, and hence the observer at Chittagong has clearly improved to a very considerable extent in the character of his work.

The thermometers on one occasion during the year were stolen from the thermometer shed at Hazáribágh, but the culprit was caught and sentenced to imprisonment.

Third class observatories (including the observatories at the coast ports of the Bay of Bengal directly under the Bengal Reporter).—Of these thirteen observatories were inspected during the year under review. The Arrah observatory at the time of inspection was found in fairly good order. The observer at that station was, however, a new man, and had never had any previous training in the work, hence his methods of observation were rather faulty, and some of the instruments were not in such good order as they ought to have been, but the observer was easily taught his work. Up to the time of inspection the errors of observation at Arrah were rather numerous, but since that time the observations received have been very accurate. Bankura observatory at the time of inspection was found in very good order, and the observations submitted from that station have also been very accurate. The main object of this inspection was to verify the apparently low readings of the barometer, which are submitted at certain times of the year from that station, and it was shown that the readings were accurately taken, and hence that from certain local peculiarities in this station, the barometer reads distinctly lower than at the stations in its neighbourhood even when differences in level, etc., are allowed for. The Bhágalpur observatory was inspected twice during the year, and on both occasions was found in good order; the observations also submitted from this station throughout the year have been excellent.

The Buxar observatory was inspected in October 1891 and was in fairly good order, though the anemometer was found to be quite useless. The accuracy of the observations submitted from the Buxar observatory (with the exception of wind velocities) was exceptionally good throughout the year. Chapra observatory was inspected twice during the year, and on both occasions was found in excellent order. The observations sent in to the Meteorological Office, however, have shown a little carelessness on the part of the observer, though the number of serious mistakes made was not so large as those of less importance. The Chaibassa observatory was inspected in August 1891, and was found in bad order, as several of the instruments were in a very dirty condition and could not possibly have given accurate results. The observations were also more or less inaccurate until November, and the observer had to be warned on several occasions and also fined; but these have had the desired effect, and since November fairly accurate observations have been received.

The Cuddalore observatory, which is one of the coast observatories established in connection with the Bay of Bengal storm signal service, was inspected by the Madras Reporter nearly at the close of the year 1890-91, but the inspection report was not received in time to be noticed in the last Administration Report. This observatory was also again inspected by the Madras Reporter in March 1892. In both cases the observatory was found to be in fair order, but owing to the local conditions of exposure of the instruments at Cuddalore the observations are only of moderate value. The observations, however, in themselves are generally very carefully taken by the observer, and they have been of considerable accuracy throughout the year.

The observatory at Debri was inspected in October 1891, but the condition of the instruments, &c., was not satisfactory, and from failure to attend to the instructions given a large number of erroneous observations were submitted during the year; in fact the number of errors made at the Dehri observatory was far larger than those made at any other observatory in the Province. At the time of inspection the condition of the observatory had been rather improved owing to the appointment of a new observer, but

notwithstanding this the observatory was still in rather unsatisfactory condition. During the last few months, however, the returns received from Dehri have been much more trustworthy than they were during the year 1891. Gaya was inspected once during the year, and the observatory was in satisfactory condition. The observer at Gaya, however, has sent in observations of only moderate character, and he has as usual made a good many mistakes. In former years he has, however, sometimes been quite the least trustworthy observer in the Department, but his record for the present year has very decidedly improved, and the number of mistakes made has, compared with previous years, been rather small. He had, however, to be warned very severely on several occasions during the year. Malda when inspected in August 1891 was in fairly satisfactory condition; the observations sent in during the year were good, and the mistakes made were not numerous. Muzaffarpur was also inspected once in the year, when the observatory was found in good condition. The observer seems still rather careless in his work, and he has made a considerable number of mistakes in the observations submitted to the Department during the year under review. In the Administration Report for the previous year it was noted that the Nellore observatory had been inspected by the Madras Reporter, but that the report of the visit had not been received in time to notice it. That inspection showed that the Nellore observatory was in excellent order, and for the whole of the present official year, up to February, the observations sent in were extremely accurate. Since the early part of February, however, the barometric readings have become quite untrustworthy, and the cause of this has not yet been satisfactorily ascertained. Ranchi at the time of inspection was in rather bad order; the observations sent in, however, have been fairly accurate throughout the year. The Raniganj observatory was inspected twice during the year—once in October 1891 and a second time in March 1892. For a part of the year the Raniganj observatory was in charge of the medical subordinate who had previously been at Dehri, where he had given great trouble from the inaccuracy, etc., of his work. During the period of his incumbency the Raniganj observatory was practically useless, as the observations were almost always wrong, and when the observatory was inspected during his charge, it was found, as was to be expected, in decidedly bad order, and it was also found that the observer was physically unfit to render good service in any Government department. The observer was then replaced by a new man, and on the second inspection the observatory was found in good order. For a large part of the year, therefore, the observations from Raniganj were quite untrustworthy, and the former observer was warned and fined on several occasions, but with no effect. This station and Dehri, indeed, were by far the worst meteorological stations in Bengal, but since December 1891 the number of mistakes found in the observations from these two observatories has been comparatively small.

The condition of the remaining third class observatories, which could not be inspected during the year, can only be judged by the quality of the observations sent in to the office. The observations thus submitted during the year have been of a very high order of accuracy at Bogra, Coconada, Jessore, Krishnagar, Madras (Port Office), Midnapore, Motihari, Mymensingh, Naya Dumka, Pamban, and Rampur Boalia. The observations have been good at Balasore, Gopalpur, Puri, Rangpur, Sirajganj, and Tavoy, and only moderately good at Dinajpur, Faridpur, and Jalpaiguri. On the other hand, the observations at Barisál, Comilla, Noakhali, and Purnea have been inaccurate and misleading, and the observers at these stations have had to be warned and fined.

In connection with the third class stations it deserves to be noticed that the thermometer shed at Gopalpur, which was commenced last year, has been completed, and that a new thermometer shed has been erected at Coconada, where hitherto there had been no shed at all.

Voluntary observatories.—Meteorological returns are also received from eight voluntary observatories. One of the most important under this class is Vizagapatam, where the observatory is under the direction of Mr. A. V. Nursing Row, who has continued to favour the Department with his daily observations, which are most accurately taken and despatched. On every occasion, also, on which extra observations have been asked for in connection with stormy weather in the Bay, Mr. Nursing Row has sent them most promptly, and hence the thanks

of the Department are again due to Mr. Nursing Row for his valuable help and co-operation. The Kalimpong observatory which was at first under the superintendence of the Reverend Mr. Sutherland, and afterwards under the Reverend Mr. Kilgour, was inspected in April 1891, and was found to have been erected in a very favourable site, and it was in good working order. The observatory has also sent in regular returns for the whole year, which appear to be accurate, and very valuable results may be expected from this observatory, which is the only one of about 4,000 feet elevation under the Bengal Meteorological Department. The thanks of the Department are therefore due to the gentlemen in question for their valuable co-operation in the work of meteorology. The observations made at Shortt's Island by Mr. Tasker have again been received regularly throughout the year, and they have been very accurate and very valuable. In particular, Mr. Tasker sent in a very complete and important series of observations taken before and during the severe cyclone of the beginning of November 1891, which will be very useful in working out the history of this storm, and thus Mr. Tasker has again placed the Meteorological Department under considerable obligations. The voluntary observatories at Tura, Demagiri, Gnatong, Lungleh, and Fort Tregear are carried out on rather a smaller scale, and they are under the superintendence of the medical officers in charge of these stations, who have sent in valuable sets of thermometric and other observations (except in the case of Fort Tregear) almost throughout the year, and the thanks of the Department are therefore due to these gentlemen. In the case of the Gnatong observatory it was at one time intended to equip it completely, but owing to doubt as to the length of time the station is likely to be maintained, only a couple of barometers were sent there during the past year in addition to the thermometers which had been previously supplied. Should, however, the station be permanently occupied, Gnatong, when fully equipped, would be one of the most valuable meteorological stations in the whole of the Indian area. The observations from Fort Tregear, which had ceased from February 1891, were recommenced from 21st October 1891, but they again ceased from November 1891.

The work at the observatories, the time of observation, and the nature of the instruments observed has been practically the same in the past year as in the previous year, and there have been no changes in this direction in the routine of the Department.

The system of awarding small sums of money as an additional remuneration to those observers who take and submit special meteorological reports during unsettled and stormy weather, has been continued during the present year by the India Meteorological Office, and many of the Bengal observers have competed for these rewards. The Bengal observers who have submitted the most valuable reports of this kind, and who have received the largest rewards, are those at Shortt's Island, Saugor Island, Puri, Burdwan, Balasore, Dhubri, and False Point.

Work at and inspection of rain-gauge stations.

The rain-gauge stations have on the whole worked satisfactorily during the year, and there have been few cases of complaint, and on the whole comparatively few mistakes have been discovered in the returns which have been submitted. It must be remembered that the rain recording officers receive no salary for this trifling work, and when it is considered that such various classes of officials, etc., as Civil Surgeons, clerks and other medical subordinates, schoolmasters, sub-postmasters, subordinate police and canal officers, rural registrars, etc., etc., are employed in this work, it will not be wondered at that in a few cases difficulties are met with. Thus, during the year the police officers at Gondwara, Matiari, Balarampore, Jhalda, Pupri, etc., who were in charge of the rain-gauges at these stations, having failed to give satisfactory and reliable returns, the rain-gauges have had to be made over to other officials, or even in some cases to private indigo factories, etc.

An important step was taken during the year in the matter of securing more accurate rainfall statistics by the introduction of a system of rain-gauge inspection. Rules for the guidance of local officers inspecting rain-gauges were prepared by the India Meteorological Office, and also post card inspection forms containing a few brief appropriate questions with spaces for the replies. The Government of Bengal in their circular letter No. 3T.R., of the 23rd June 1891, directed all District Officers to see that the rain-gauge stations in

their districts were inspected. The inspections were to be carried out whenever any station at which a rain-gauge was maintained was visited either by the Collector himself or by the Deputy Magistrate or the Civil Surgeon. Spirit levels to test the level of the mouth of the rain-gauges and measuring gauges to test the accuracy of the diameter of the mouth of the funnel were also provided to all inspecting officers who submitted indents for them. No less than 102 inspection reports of rain-gauges were received during the year, a number of which were submitted from the towns visited during the tours of His Honour the Lieutenant-Governor.

These reports brought to light a considerable number of cases of improper exposure of the rain-gauges, of defects in the instruments and in some cases in the mode of reading, and in one case of an entirely incorrect form of rain-gauge being used, and all such imperfections in the mode of registration brought to light in these reports have, as far as possible, been remedied. In a considerable number of cases also spare measuring glasses have been provided at the stations, so as to provide for accidental breakage.

At a considerable number of stations for some years past duplicate rain registration has been carried on, one rain-gauge belonging to the Revenue Department and the other rain-gauge being in connection with the local meteorological observatories. In those cases where the conditions of exposure of the two instruments appeared similar, and where the falls recorded were approximately equal, the revenue rain-gauges have been withdrawn during the year, and such has been the case at Gaya, Berhampore, Hazáribágh, Darbhanga, Bogra, Mymensingh, Sirajganj, Buxar, Patna, Burdwan, Raniganj, Bankura, Krishnagar, Jessore, Malda, Darjeeling, Rangpur, Purnea, Bhágalpur, Dumka, Motihari, and Dehri. The same form of duplicate registration is, however, still being carried on at a certain number of sadar stations, and will not be stopped until it has been ascertained that the falls are strictly comparable as measured in the two gauges.

Departmental Reports.

The short *Annual Report of the Meteorology of Bengal* in the year 1890 was prepared as usual and submitted on 9th June 1891 for incorporation in the Bengal Administration Report. It was illustrated by the usual number of charts.

The *Report on the Meteorology of Bengal for the monsoon season* of 1891 was prepared and submitted to Government on 23rd December 1891. It was also illustrated by maps. The report was published in the *Calcutta Gazette* of the 6th January 1892.

A short note on the rainfall in 1891 in certain districts of North Bengal and Bihár as compared with the normal rainfall, and with the rainfall in 1873, 1875, and 1888, was also prepared.

The *Monthly Meteorological Reports* for Bengal and Assam have been regularly published about the 10th to the 15th of the month following that dealt with. These reports give the full meteorological and rainfall statistics for Bengal, and the meteorological data only for Assam, together with a brief discussion and summary. Monthly charts of the rainfall distribution, its variation from the normal, etc., for the monsoon season were prepared and submitted to Government and to the Sanitary Commissioner. These monthly reports, &c., have been carried on without material change throughout the year.

The *Weekly Meteorological Reports* for the week ending 8 a.m. on Saturdays have been published regularly throughout the year. These reports give similar data and summaries to those contained in the monthly reports, but they are not quite so complete as the monthly reports, for the date of publication of the weekly reports (which is only four days after the actual measurements of rainfall, etc., have been made) will scarcely allow of the postal reports from the distant parts of East Bengal, Orissa, etc., being received and included in these reports. There has also been no practical change in the form of these reports during the past year.

The Daily Weather Report dealing with the meteorology of the inland stations in Bengal and in Assam was published during the period 26th of April to 16th November 1891. This report contained the observations made at 45 stations, and with the exception of some slight alterations in the periods of comparison of rainfall data, the report as published was similar to that of the previous year. Of this report 102 copies were issued daily to Government officers and 16 copies to private subscribers at the rate of Rs. 2-8 a month.

The Bay of Bengal Weather Report and Chart, in connection with the storm signal service, has been published daily, Sundays and holidays included, throughout the year. This report, which gives the 8 a.m. data for the Bay and neighbouring coast area, is usually ready for distribution between 10-30 a.m. and 11 a.m. It is issued to 42 Government officials free of charge and to 26 subscribers at the rate of Rs. 2 per month, and the subscriptions received during the year have been sufficient to pay the cost of the lithographic establishment, repairs to presses, &c., and at the end of the year there was a small balance in hand which is kept to provide new presses, &c., when required. No change was made in the form of this report during the year.

In connection with the two daily reports just alluded to, a considerable amount of discussion has occurred during the past year. The Committee of the Bengal Chamber of Commerce applied to the Bengal Meteorological Department, asking to be provided, as early as was possible in each day, with meteorological information dealing with the districts yielding commercial produce, and particularly with the tea and indigo districts. Arising out of this request, after considerable discussion, at the suggestion of this office a plan was formulated by which it was proposed to amalgamate the two daily reports, and to publish daily one report and chart only, dealing with the whole of the Bay of Bengal as in the chart now published and with Bengal (inland), Assam, Cachar, and Sylhet, the latter districts to be more fully represented by meteorological stations than they are now. To provide for the working of the storm signal service, it was also proposed to issue very early in the day small slips briefly describing the state of the weather in the Bay. It was pointed out to the Chamber that the change would involve additional cost for the establishment of new observatories, etc., and that no proposal could be made for its adoption by Government unless it was shown that the form of the proposed report would meet with general approval by the commercial community, and that such a report would be adequately supported so as to partially reimburse the extra cost of production. Copies of the proposed amalgamated report were submitted to the Chamber of Commerce early in November 1891 for distribution amongst the merchants, etc., of Calcutta, but so far no expression of opinion on the scheme has been received.

In connection with the Bay of Bengal weather signal service urgent telegrams are issued daily from the Meteorological Office at about 10-45 a.m., giving a description of the weather conditions in the various parts of the Bay. These telegrams were sent throughout the year to the Port Officers of Coconada, Madras, Rangoon, and Negapatam, and also to the Vice-Chairman of the Port Commissioners at Rangoon, and to the Port Officer, Akyab, from the 1st of January to the 30th April. These messages are ordinarily sent by a code prepared for the purpose, which has been found to answer very satisfactorily, but on the occurrence of stormy weather in the Bay of Bengal, messages descriptive of the intensity, movement, &c., of the storms are sent in ordinary language instead of by the code messages.

During the year also a small code was arranged to enable the weather conditions in the Bay to be telegraphed daily by means of flag signals to outward-bound ships passing Saugor Island. For this purpose the Bay was divided into four sections, and the weather in each section is arranged to be indicated by one of the commercial code flags, so that by a single hoist of four flags at Saugor Island on each day a description of the weather in the whole Bay on the same day can be given. At the close of the official year the code was in the press, and this system of supplying information will be worked experimentally during the current year.

The system of forwarding meteorological information from the pilot brigs at the Sandheads to this office by flag hoists shown by the pilots of inward-bound vessels as they pass Saugor Island Lighthouse has been continued throughout the year, and the special code devised for this purpose continues to work successfully. In addition, too, during the year it has been arranged for the Commander of the pilot brig to send off daily postcard forms containing the same information as given in the telegrams. These are sent as opportunities occur, and they serve first as a check on the accuracy of the telegraphic messages, and second they make the record of meteorological information from the Sandheads a continuous one, for in the case of telegrams these are not sent unless they can reach Saugor Island within 24 hours of the time at which the observations were made.

Working of the storm signals.

The working of the storm signal service has been almost unaltered during the year. Narayanganj was added to the list of ports appointed to receive storm warnings during the previous year, but there was great delay in providing the station with the mast and apparatus for displaying the signals, and it was only on 19th November 1891 that these were handed over to the Station Master at Narayanganj by the Public Works Department. The cyclone of the early part of November passed only a moderate distance to the south of this station on the 6th of November, and there were thus no means of hoisting signals and of warning the station at a time when serious danger was becoming unpleasantly close to it.

The year 1891 was one which will be memorable for the severity of the two cyclones which occurred during November, both of which did much damage to shipping, etc., and caused very considerable loss of life. The first of the November storms was almost unique. It has been traced back as far as the Gulf of Siam, where it existed at the latter end of October as a very severe cyclonic storm. It then crossed the Malay Peninsula and struck Port Blair in the Andaman Islands, moving in a north-westerly direction, in which it continued till it reached the South Orissa coast. It then changed its direction of movement, which became first Northerly, then North-Easterly, and finally East-North-Easterly. It passed over the Sandheads early in the morning of the 6th November, doing a large amount of damage, and then crossed through South and South-East Bengal into Cachar and Assam. Its diameter was small, but, on the other hand, it was one of the most violent cyclones on record. The second November cyclone apparently originated to the west or south-west of the Andamans and moved in a North-Easterly direction towards Burma, the direction of movement becoming more Easterly as the storm approached the land. It crossed the coast on the night of November 23rd, probably midway between Akyab and Diamond Island, and rapidly broke up in the Arakan Hills.

The dates of the principal storms occurring during the year are given in the first of the two following tables, and the action taken in the matter of issuing storm warnings and hoisting storm signals is indicated in the second of these tables.

Table giving a brief statement of the storms which affected the Bay of Bengal coasts during the year 1891.

No. of storm.	Period of depression or storm.	Character of storm.	Coast affected.
1	May 20th to 25th ...	Small storm formed off the Coromandel coast.	Circars and South Orissa coast.
2	May 28th to 30th ...	Small storm formed in the north of the Bay.	Bengal coast.
3	July 25th and 26th ...	Cyclonic storm formed off the Bengal coast.	Ditto.
4	August 1st to 3rd ...	Cyclonic storm formed off the Arakan coast.	Bengal and Orissa coasts.
5	August 21st to 24th ...	Feeble depression formed off the Orissa coast.	Orissa coast.
6	August 31st to September 2nd.	Feeble depression formed off the Orissa coast.	Ditto.
7	September 19th to 23rd	Moderate depression probably formed in the Gulf of Siam or the Chinese Sea, and passed into the Gulf of Martaban across Upper Siam and Tenasserim, and thence across the Bay of Bengal to False Point.	Ditto.
8	October 20th to 23rd ...	Feeble depression formed off the Coromandel coast.	Coromandel coast.
9	November 1st to 6th ...	Exceptionally severe cyclonic storm formed in the Gulf of Siam and passed into the Bay of Bengal across the Malayan Peninsula.	Ganjam, Orissa and Bengal coasts.
10	November 20th to 24th ...	Very severe cyclonic storm formed between the Madras coast and the Andamans.	Arakan and Burma coasts.
11	December 9th to 11th ...	Feeble depression formed off the Coromandel coast.	South India and Ceylon coasts.

Table showing the action taken by the Calcutta Meteorological Office in warning the coasts affected by the storms enumerated in the previous table.

Storm number.	Hoisting of Storm Signals.			Warning of ports by cautionary telegrams.	
	Ports ordered to hoist signals.	When hoisted.	When lowered.	Ports warned by cautionary telegrams.	Time and date of despatch of cautionary telegrams.
1				Negapatam, Pamban, Tuticorin.	10-16 of 21st; 10-35 of 22nd; 10-45 of 23rd; 10-45 of 24th; 10-45 of 25th May.
				Akyab, Bassein, Rangoon, Moulmein, Coconada.	10-29 of 21st; 10-35 of 22nd; 11-10 of 23rd; 10-45 of 24th, and 10-45 of 25th May.
				Gopalpore, Bimlipatam, Vizagapatam, Masulipatam, False Point, Puri, Chandbali, and Balasore.	10-35 of 22nd; 11-10 of 23rd; 11-0 of 24th, and 11-0 of 25th May.
				Madras	10-20 of 21st; 10-44 of 22nd; 10-45 of 23rd; 11-20 of 24th, and 11-5 of 25th May.
2	Calcutta	11-10 A.M. of 28th May ...	7-30 A.M. of 30th May ...	Chittagong ...	10-42 of 27th; 10-23 of 28th; 10-11 of 29th, and 10-13 of 30th May.
	Budge-Budge ...	11-10 ,, of 28th ,, ...	6-45 ,, of 30th ,,	Gopalpore, Bimlipatam, Vizagapatam, Coconada, Masulipatam, Puri, False Point, Chandbali, Balasore.	10-42 of 27th; 10-35 of 28th; 10-30 of 29th, and 10-13 of 30th May.
	Mud Point ...	11-17 ,, of 28th ,, ...	6-45 ,, of 30th ,,		
	Diamond Harbour	11-0 ,, of 28th ,, ...	6-30 ,, of 30th ,,		
	Saugor Island ...	11-14 ,, of 28th ,, ...	7-0 ,, of 30th ,,		
	False Point ...	12-40 P.M. of 28th ,, ...	Noon of 29th ,, ...	Akyab	10-42 of 27th; 10-35 of 28th; 10-11 of 29th, and 10-13 of 30th May.
	Chandbali ...	1-45 ,, of 28th ,, ...	11-30 A.M. of 29th ,,		
	Puri	4-9 ,, of 28th ,, ...	11-15 ,, of 29th ,,		
	Balasore	5-30 ,, of 28th ,, ...	2-45 P.M. of 29th ,,		
3	Calcutta	10-45 A.M. of 25th July ...	10-5 A.M. of 27th July		
	Budge-Budge ...	9-50 ,, of 25th ,, ...	8-50 ,, of 27th ,,		
	Mud Point ...	10-25 ,, of 25th ,, ...	9-18 ,, of 27th		
	Diamond Harbour	10-0 ,, of 25th ,, ...	8-40 ,, of 27th ,,		
	Saugor Island ...	10-20 ,, of 25th ,, ...	9-10 ,, of 27th ,,		
4	Calcutta	10-40 ,, of 1st August...	10-55 A.M. of 3rd August	Chittagong ...	9-54 of 1st; 10-35 of 2nd; 4-43 of 3rd August.
	Budge-Budge ...	10-5 ,, of 1st ,, ...	10-5 ,, of 3rd ,,	Akyab, Bassein, Rangoon.	10 hours of 1st; 10-35 of 2nd; 10-15 of 3rd August.
	Mud Point ...	10-40 ,, of 1st ,, ...	10-40 ,, of 3rd ,,		
	Diamond Harbour	10-10 ,, of 1st ,, ...	10-56 ,, of 3rd ,, ...	Balasore, Chandbali, False Point.	4-25 A.M. and 10-15 A.M. of 3rd August.
	Saugor Island ...	10-45 ,, of 1st ,, ...	10-30 ,, of 3rd ,,		
	Chittagong	11-28 ,, of 1st ,, ...	8-0 ,, of 3rd ,,		
5	Calcutta	Noon of 23rd ,, ...	3-45 P.M. of 24th ,,		
	Budge-Budge ...	10-50 A.M. of 23rd ,, ...	3-30 ,, of 24th ,, ...	Gopalpore, False Point, Chandbali, Puri, Balasore.	10-30 of 22nd; 11 hours of 23rd, and 10-30 of 24th August.
	Mud Point ...	11-15 ,, of 23rd ,, ...	3-25 ,, of 24th ,,		
	Diamond Harbour	11-5 ,, of 23rd ,, ...	3-25 ,, of 24th ,,		
	Saugor Island ...	11-10 ,, of 23rd ,, ...	3-15 ,, of 24th ,,		
6				Gopalpore, False Point, Chandbali.	10-12 of 31st August; 10-2 of 1st and 10-15 of 2nd September.
				Balasore, Puri ...	10-17 of 31st August; 10-7 of 1st and 10-20 of 2nd September.
7	Calcutta	10-45 A.M. of 22nd Sept. ...	3-45 A.M. of 23rd Sept. ...	Tavoy	10-10 of 20th September; 10-32 of 21st September.
	Budge-Budge ...	9-25 ,, of 22nd ,, ...	1-55 ,, of 23rd ,, ...	Bassein, Moulmein.	10-2 of 20th; 10-25 of 21st September.
	Mud Point ...	9-50 ,, of 22nd ,, ...	2-10 ,, of 23rd ,, ...	Rangoon ...	10-2 of 20th; 10-25 of 21st; 9-25 of 22nd; 9-54 of 23rd September.
	Diamond Harbour	9-20 ,, of 22nd ,, ...	1-30 ,, of 23rd ,, ..	Balasore, False Point, Chandbali, Puri.	9-50 P.M. of 21st; 9 A.M. and 5-35 P.M. of 22nd, and 1-10 of 23rd September.
	Saugor Island ...	9-55 ,, of 22nd ,, ..	2-0 ,, of 23rd ,, ...	Gopalpore ...	9-40 P.M. of 21st; 9-25 of 22nd, and 9-54 of 23rd September.
	False Point ...	11-50 ,, of 22nd ,, ...	6-25 ,, of 23rd ,,		
	Chandbali ...	9-30 ,, of 22nd ,, ...	7-40 ,, of 23rd ,,		
	Puri	11-45 ,, of 22nd ,, ...	9-6 ,, of 23rd ,,		
	Balasore	11-0 ,, of 22nd ,, ...	7-0 ,, of 23rd ,,		
8				Negapatam, Tuticorin, Coconada, Pamban.	10-30 of 21st; 10-35 A.M. and 10-5 P.M. of 22nd; 10-30 of 23rd October (except Tuticorin).
				Madras ...	10-35 of 21st; 10-40 A.M. and 10-30 P.M. of 22nd; 10-30 of 23rd October.
				Cuddalore ...	10-30 of 23rd October.

Storm number.	Hoisting of Storm Signals.			Warning of ports by cautionary telegrams.	
	Ports ordered to hoist signals.	When hoisted.	When lowered.	Ports warned by cautionary telegrams.	Time and date of despatch of cautionary telegrams.
9	Calcutta ...	7-20 A.M. of 4th November	4-40 P.M. of 6th November	Negapatam ...	10-20 of 2nd ; 10-34 of 3rd ; 10-20 of 4th ; 10-20 of 5th ; 10-5 of 6th ; 10-9 of 7th November.
	Budge-Budge ...	5-44 " of 4th " ..	4-5 " of 6th " ...	Madras ...	10-20 of 2nd ; 10-29 of 3rd ; 10-20 of 4th ; 10-25 of 5th ; 10-10 of 6th November.
	Diamond Harbour	5-0 " of 4th " ...	4-0 " of 6th " ...	Coconada ...	10-20 of 2nd ; 10-20 of 3rd ; 4-15 of 4th ; 10-20 of 4th ; 10-20 of 5th ; 10-5 of 6th ; 10-9 of 7th November.
	Mud Point ..	5-40 " of 4th " ...	4-0 " of 6th " ...	Rangoon ...	10-20 of 2nd ; 10-34 of 3rd ; 10-20 of 4th ; 10-20 of 5th ; 10-5 of 6th ; 10-9 of 7th November.
	Saugor Island ...	5-50 " of 4th " ...	4-0 " of 6th " ...	Gopalpore ...	10-20 of 3rd ; 4-15 A.M. of 4th ; 10-20 A.M. of 5th ; 10-5 of 6th ; 10-9 of 7th November.
	Puri ...	9-10 " of 4th " ...	3-0 " of 6th " ...	Bimlipatam ...	Ditto ditto ditto.
	False Point	See foot-note below.	See foot-note below.	Vizagapatam ..	Ditto ditto ditto.
	Chandbali ...	7 A.M. of 4th November	5-45 P.M. of 6th November	Masulipatam ...	Ditto ditto ditto.
	Balasore .	8 " of 4th " ...	6-0 " of 6th " ...	Puri ...	4-25 A.M. of 4th ; 3-30 P.M. of 4th ; 10-33 of 5th November.
	Chittagong ...	6-45 " of 6th " ..	6-30 " of 6th " ...	Balasore ...	4-25 A.M. of 4th ; 3-30 P.M. of 4th ; 10-33 of 5th ; 10-18 of 6th November.
				Chandbali ...	4-35 of 4th ; 3-35 P.M. of 4th ; 10-20 of 5th ; 10-5 of 6th November.
				False Point ...	4-35 of 4th ; 3-35 P.M. of 4th ; 10-20 of 5th November.
				Chittagong ...	3-35 A.M. of 6th ; 4-30 P.M. of 6th November.
10	Calcutta ...	4-15 P.M. of 22nd November	7-15 A.M. of 24th November	Moulmein ...	9-55 P.M. of 22nd ; 10-12 of 23rd ; 3-1 A.M. of 24th November.
	Budge-Budge ...	4-5 " of 22nd " ...	5-20 " of 24th " ...	Rangoon ...	10-10 of 18th ; 10-15 of 19th ; 9-55 of 20th ; 10-4 of 22nd ; 9-50 P.M. of 22nd ; 10-12 of 23rd ; 3-1 and 10-10 A.M. of 24th November.
	Diamond Harbour	4-12 " of 22nd " ...	4-15 " of 24th " ...	Bassein ...	10-4 A.M. of 22nd ; 9-50 P.M. of 22nd ; 10-12 of 23rd ; 3-1 A.M. of 24th November.
	Mud Point ..	4-15 " of 22nd " ...	4-15 " of 24th " .	Akyab ...	Ditto ditto ditto.
	Saugor Island ...	4-15 " of 22nd " ...	4-15 " of 24th " ...	Chittagong ...	8 A.M. of 23rd ; 10-12 of 23rd ; 4-9 P.M. of 23rd ; 3-6 A.M. of 24th November.
	Chittagong ..	8-30 A.M. of 23rd " ..	7-0 " of 24th " ...	Gopalpore ..	3-34 P.M. of 22nd ; 10-35 of 23rd ; 3-25 of 24th November.
				Bimlipatam ...	Ditto ditto ditto.
				Vizagapatam ...	Ditto ditto ditto.
				Coconada ...	10-10 of 18th ; 10-15 of 19th ; 9-55 of 20th ; 10-4 of 22nd ; 3-34 P.M. of 22nd ; 10-35 of 23rd ; 3-25 and 10-10 A.M. of 24th November.
				Masulipatam ...	3-34 P.M. of 22nd ; 10-35 of 23rd ; 3-25 of 24th November.
				Madras ..	10-10 of 18th ; 10-15 of 19th ; 9-55 of 20th ; 10-4 of 22nd ; 3-39 P.M. of 22nd ; 10-39 of 23rd ; 3-28 and 10-18 A.M. of 24th November.
				Negapatam ...	10-10 of 18th ; 10-15 of 19th ; 9-55 of 20th ; 10-4 of 22nd ; 10-35 of 23rd, and 10-10 of 24th November.
11				Negapatam ..	10-17 of 9th ; 10-22 of 10th December.
				Pamban ...	Ditto ditto.
				Tuticorin ...	Ditto ditto.

* No signal was hoisted at False Point, as there were no vessels or cargo boats in the anchorage at the time. Orders were issued to hoist the danger signals at 4-35 A.M. of 4th November 1891.

Warnings of heavy rainfall.

In August and September during the passage of the small storms marked four and seven in the above list, warnings that heavy rainfall might be expected were sent to the Engineers in charge of irrigation and other works in Orissa and the Midnapore districts.

Office Establishment.

The Meteorological Office staff has remained practically unchanged throughout the year. Under the able superintendence of the Head Clerk, Babu Fanindra Mohun Basu, the office has worked smoothly and very efficiently, and this has enabled the numerous reports, returns, maps, &c., published by this Department to be issued punctually and with great regularity throughout the year.

METEOROLOGICAL OFFICE;
CALCUTTA,
The 16th May 1892.

ALEX. PEDLER, F.I.C., F.C.S.,
Meteorological Reporter to the Government of Bengal.

RESOLUTION ON THE ANNUAL REPORT OF THE HEALTH OFFICER OF THE PORT OF CALCUTTA FOR THE YEAR 1891.

No. 1313Marine.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

Dated Calcutta, the 3rd June 1892.

RESOLUTION.

READ—

A letter No. 2204, dated the 28th March 1892, from the Sanitary Commissioner for Bengal, submitting the Report of the Health Officer of the Port of Calcutta for the year 1891.

Establishment.—Dr. Macleod was the Health Officer of the Port of Calcutta from 1st January to 15th April. He was relieved by Dr. Forsyth, who was in charge for the remainder of the year, and has submitted the present report. The work was carried out in the steam-launch *Relief*, and in a steam-cutter which has taken the place of the bolio formerly used.

2. *Inspections.*—The following table shows the number and description of the vessels inspected by the Health Officer of the Port during the past five years:—

Year.	Inward-bound vessels inspected.		Outward-bound vessels inspected.		Total number of inspections.
	Foreign-going.	Coasting.	Foreign-going.	Coasting.	
1887 ...	630	100	699	172	1,601
1888 ...	568	88	629	179	1,464
1889 ...	559	112	598	174	1,443
1890 ...	530	117	576	171	1,394
1891 ...	629	185	627	60	1,501

The total number of inspections shows an increase over that of the previous year; the increase is stated to be due to a greater number of foreign arrivals and more frequent inspection of inward-bound coasters.

3. *Ventilation of crew spaces.*—There has been an improvement in the ventilation of the forecastle of ships, but the Health Officer states that there is still much room for improvement in forecastle comfort, especially as regards cargo steamers. In these, the forecastle is said to be merely an iron box with three or four small ports in the two sides and probably two ventilating tubes in the roof. In the hot-weather it is scarcely possible to go into them when these vessels are in port. An awning is usually stretched over the deck, but in some instances even this is not supplied, and it is not sufficient to prevent the iron deck being heated to a temperature almost unbearable. The Health Officer suggests that the forecastle deck or roof of all iron-built vessels trading with the East should be sheathed with wood both above and below. He will be asked to submit a report giving the names of these vessels and of their owners, and on receipt thereof the matter will receive the consideration of the Government.

4. *Bathing accommodation for native crews.*—The absence of properly protected bathing accommodation for native crews in vessels trading with European ports, referred to in last year's report, is becoming less evident as owners, when their attention is directed to the matter, fit up bathing-rooms for the use of the native portion of the crew.

5. *Sickness and mortality among European seamen.*—The number of European seamen who arrived in port during the year was 21,505 against 19,496 in the previous year: the daily average number in port was 1,426 against 1,679

in 1890. Including deaths out of hospitals, the death-rates per mille of the past five years were as follows:—

			Cholera.	Other Causes.	Total.
1887	...	...	10·03	16·91	26·94
1888	...	...	10·59	27·15	37·74
1889	...	...	11·07	20·29	31·36
1890	...	...	8 33	15·49	23·82
1891	...	...	7·01	22·44	29·45

6. The number of admissions into hospitals and deaths from different diseases during the five years ending with 1891 are shown in the subjoined table:—

	1887.		1888.		1889.		1890.		1891.	
	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.	Admissions.	Deaths.
Cholera	29	19	26	15	33	17	15	14	12	9
Diarrhœa	116	1	106	2	142	2	51	...	56	2
Dysentery	70	...	31	4	61	4	24	...	31	...
Fever, enteric	8	2	2	...	1	...	4	1	8	4
„ malarious	220	1	120	1	227	2	167	3	106	2
„ simple	65	...	82	1	79	...	85	...	88	...
Scurvy	4	...	3	...	...	...	3	...	5	...
Small-pox	1	...	1	...	...	...	...	...	...	...
Sunstroke	5	1	19	5	6	1	4	1	3	...
Other diseases	1,201	11	1,182	21	1,267	17	1,066	19	975	17
Total ...	1,719	35	1,575	49	1,816	43	1,419	38	1,284	34

The total number of natural deaths was 42 against 40 in the previous year. Of the 42 deaths, 34 occurred in hospital and 8 out of hospital.

The number of cholera cases was less than in the year previous. There were altogether 13 cases, of which 10 proved fatal. The death-rate (7·01) per mille calculated on the daily average population was lower than that of the previous year, and was also lower than the quinquennial mean (10·0).

No case of small-pox was admitted during the year. There were 5 cases of scurvy against 3 in the year 1890, none of which were attended with fatal results.

There were 6 cases of sunstroke, of which 3 proved fatal. The 3 cases that were admitted into hospital terminated favourably.

The number of cases of drowning was 9 against 14 in the year previous.

7. The following figures exhibit the admissions into hospital since the year 1883 of European seamen suffering from venereal diseases:—

			Total admissions.	Rate per thousand.
1883	...	...	237	127·4
1884	...	...	184	109·2
1885	...	...	170	100·4
1886	...	...	417	179·2
1887	...	...	228	120·4
1888	..	...	183	121·1
1889	...	...	186	114·3
1890	...	...	248	147·7
1891	...	...	185	129·7

The number of admissions was lower than that in the previous year. The Health Officer, however, reports that ships' officers inform him that since the repeal of the Contagious Diseases Act, there has been a great increase in the number of men who have to be put off duty suffering from venereal affections after a vessel has left port.

8. There were 28 deaths at sea during the year under review against 3 in 1890.

9. *Sickness and mortality among the native floating population.*—The following figures show the mortality from all causes among the native floating population, the averages being calculated on a population of 25,000 :—

	Total deaths.		Ratio per mille.	
	1891.	1890.	1891.	1890.
Cholera ...	97	55	3·88	2·14
Bowel complaints ...	7	3	·28	·11
Fever, malarious ...	11	8	·44	·31
Do., simple ...	22	20	·88	·78
Other causes ...	33	31	1·32	1·20
Total ...	170	117	6·80	4·54

Of the 170 deaths that were reported during the year under review, 35 occurred in hospital; out of the 97 deaths from cholera, 17 occurred in hospital.

10. Twenty-seven deaths are reported to have occurred amongst lascars at sea during 1891 against 28 in the year previous. Of these 2 occurred in vessels making coasting voyages, and the remaining 25 in foreign-bound steamers and ships, against 2 and 26, respectively, in the previous year. The rates were ·31 and 2·98 per mille against ·36 and 3·37 in the year before, and calculated on the total population the death-rate was 1·83 against 2·12 per mille. No complaints were made by the lascar crews during the year.

11. *Pilgrims.*—The S. S. *Khiva*, from Jeddah to Calcutta, arrived in the port on the 21st August with 934 pilgrims. There were 19 cases of small-pox on board, and the vessel anchored in mid-stream below Mateabrooj. These cases were sent to the Campbell Hospital, the unprotected pilgrims were vaccinated, the ship thoroughly disinfected, and allowed to take up her moorings at Babu Ghat on the 23rd.

12. *Conservancy.*—In the Resolution on the Annual Report of the Health Officer for the year 1890, it was remarked that the general improvement in the conservancy of the foreshore of the river, which was noticed in the Resolution on the Health Officer's Annual Report for the previous year, continued during the year. The Health Officer says that there has been no change from last year's report, and that the drain and latrine in Messrs. Ahmuty and Company's compound in Howrah is engaging the attention of the Municipality. The Commissioner of the Burdwan Division has reported that the latrine on the premises of the Company's Foundry in Howrah will be pulled down, a new latrine on an unobjectionable site having been built.

Dr. Forsyth states that the brickfield foreshore at Ghoosery still continues to be used as a latrine by the brickfield workers, boatmen, &c. The Commissioner of the Burdwan Division, in a report of subsequent date to that of Dr. Forsyth, states that the owners of the brickfields have constructed latrines for the use of their employés, and that the nuisances are committed by outsiders and boatmen who anchor there and repair boats. The Magistrate has directed the District Superintendent of Police to arrest persons committing nuisances there.

In the Resolution on the Annual Report of the Health Officer for the year 1890, it was remarked that the scheme for the discharge of the Fort sewage into the Calcutta sewers, prepared at the request of the Military Department of the Government of India, was under the consideration of that Government. Further information has been asked for by the Government of India in regard to the scheme, and the subject is receiving the attention of this Government.

13. *Corpses and Carcasses.*—The Lieutenant-Governor regrets to find from the Health Officer's Report that there has been an increase in the number of corpses and carcasses found floating in the river. This matter will be brought to the attention of the Municipal and Judicial Departments of this Government.

14. *Water-supply.*—No mention has been made by the Health Officer in his Report regarding the supply of filtered water to the shipping during the year. Information on this head should always be furnished in the Annual Report.

15. *Comparative Statistics of the Port and Town of Calcutta.*—The usual statement showing the comparative mortality in the Town and Port of Calcutta for the past three years has been submitted by the Health Officer. As observed in the Resolution on the Report for 1890, the circumstances are so different that any analysis of the figures for purposes of comparison would be useless.

16. *Health Officer and Sanitary Inspector.*—The Lieutenant-Governor concurs in the favourable opinion expressed by the Sanitary Commissioner regarding the manner in which Dr. R. Macleod, who has been transferred to another appointment, performed the duties of Health Officer during the two-and-a-half years he held the appointment, and observes that Babu Nundo Lal Halder, Sanitary Inspector, is also mentioned as deserving of commendation.

By order of the Lieutenant-Governor of Bengal,

C. W. ODLING,

Joint-Secretary to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 4th June, 1892.

Division	No.	District and date of return.		Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.					
BURDWAN DIVN.	1	Burdwan	June 4, '92	2·64	Weather—very close, but good rain fell at Sadar last evening (3rd), which is hoped to be general. Crops doing fairly. Sowing of *aus* paddy general. Water-supply rather short. Fodder sufficient. Prices of common rice:— Srs. Burdwan ... ... 12 to 14 } per rupee. Kalna ... ... 9 to 13 Katwa ... ... 13 Raniganj 13
		Kalna	...	0·95	
		Katwa	...	Nil	
		Raniganj	...	0·16	
	2	Bankura	„ 4, '92	0·77	Weather—seasonable. Ploughing and sowing of rice going on. Condition of cattle good. No deficiency of fodder and water. Common rice selling at 13½ seers per rupee at Sadar and 14 seers at Vishnupur.
		Vishnupur	...	5·12	
	3	Birbhum	„ 4, '92	0·26	Local rain in showers over a good area of the district. Ploughing going on everywhere. Fodder fairly plentiful again, and water-supply better. Prices grown rather cheaper at 12½ to 16 seers per rupee.
		Rampur Hát	...	1·66	
	4	Midnapore	„ 4, '92	1·49	The slight rain which has fallen has done some good. Weather very hot in the day-time, but a breeze sets in generally in the evening. Indigo doing well. More rain would be very beneficial. Prices of common rice:— Srs. Sadar ... ... 13 } per rupee. Contai ... ... 13 Tamluk ... ... 12 Ghatál 13
	5	Hooghly	„ 4, '92	1·30	Weather—hot by day, cloudy and showery in the evening. Prospects have improved owing to the rain. Ploughing and sowing of *aus* going on in many places, and *áman* seedlings also being planted. Jute doing well, and sugarcane reviving. Fodder and water-supply inadequate. Prices of common rice:— Srs. Sadar ... ... 10 } per rupee. Serampore ... ... 10 Jahánabad 13
		Serampore	...	2·38	
		Jahánabad	...	0·74	
	6	Howrah	„ 4, '92	0·50	Weather—hot, except when it rains. Prospects good. Ploughing and sowing going on. Fodder and water-supply sufficient. Condition of cattle good. Price of rice 10 to 12 seers per rupee.
		Ulubaria	...	1·86	
PRESIDENCY DIVN.	7	24-Parganas	„ 4, '92	0·63	Weather—hot and cloudy with showers. There were a few showers of rain during the week, which have facilitated ploughing operations. More rain is wanted. Prices stationary. Supply of fodder and water sufficient. No cattle-disease.
	8	Nadia	„ 4, '92	0·09	Weather—very hot; fine with passing clouds. Prospects of standing crops favourable, but rain urgently wanted in the Sadar subdivision. Common rice selling at from 10 seers 10 chitaks to 13 seers 5 chitaks per rupee. Condition of cattle good, and supply of fodder and water sufficient.
		Kushtia	...	0·75	
		Meherpur	...	2·31	
		Ranaghat	...	0·99	
	9	Khulna	„ 4 '92	Nil	Weather—hot, sometimes slightly cloudy. Very little rain has fallen during the week, and more is urgently required. Ploughing and sowing going on. Prospects of *til* and sugarcane good in Bágerhat. Price of coarse rice ranges from 11 to 14 seers per rupee. Supply of fodder for cattle sufficient and want of water diminishing.
		Bágerhat	...	1·38	
		Satkhira	...	0·69	
	10	Jessore	„ 4, '92	1·19	Weather—hot with occasional showers. *Aus* and indigo doing well. Sowing of *áman* going on. Fodder and water plentiful. Prices stationary.
		Jhenida	..	2·42	
		Magura	...	1·24	
		Narail	...	2·93	
	11	Murshidabad	..		Report not received.
CHITTAGONG DIVN.	12	Chittagong	„ 4, '92	0·43	Weather—seasonable. Prospects of crops good. Prices stationary. Condition of cattle generally good. Supply of fodder sufficient.
	13	Noakhali	„ 4, '92	2·12	Weather—hot with occasional showers. State and prospects of standing crops favourable. Fodder and water sufficient. No cattle-disease. Prices stationary.
		Fenny	...	2·62	
	14	Tippera	„ 4, '92	1·89	Weather—hot and cloudy. Sowing of *aus*, *áman* and jute approaching completion. Jute thriving. Prospects satisfactory. Prices stationary.
	15	Chittagong Hill Tracts.	„ 3, '92	4·69	Weather—hot during the first part of the week, and cloudy with occasional showers of rain during the latter part. Sowing in *jums* almost completed. Land for *aus* under preparation. *Jum* produce progressing. Cattle-disease reported. Common rice being sold at 10 seers per rupee.

No	District and date of return.		Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—*concld.*				
DACCA DIVN.				
16	Dacca	June 4, '92	Figures not furnished.	Weather—hot. Heavy rain on 30th May with high wind. Jute, *áman* and *aus* paddy thriving. Prospects good. Fodder available. No cattle-disease. Common rice selling at from 12 to 14 seers per rupee.
17	Faridpur	„ 4, '92	0·72	Weather—very hot and fine. Standing crops promise well. A little rice may have been spoiled on low grounds. River rising gradually. Common rice sells at 13 seers per rupee at Sadar and Madaripur and 12 seers at Goalundo. Cattle doing well and get fodder.
18	Backergunge	„ 4, '92	1·05	Weather—hot. State and prospects of crops fair. Ordinary rice sells at from 10 to 13 seers per rupee. Fodder and water sufficient.
19	Mymensingh	„ 4, '92	3·53	Weather—hot and cloudy. Rain at intervals. Prospects of standing crops fair. In the Kishorganj subdivision jute crop has been somewhat damaged. Prices stationary. Supply of fodder and water sufficient.
RAJSHAHI DIVN.				
20	Dinajpur	„ 4, '92	5·17	Weather—hot, cloudy and rainy. Rain almost daily. *Bhadoi*, jute and sugar-cane prospering well. Ploughing for *haimanti* progressing. Prices of rice unchanged. Condition of cattle good. Fodder and water-supply sufficient.
	Thakurgaon	...	4·56	
21	Rajshahi	„ 4, '92	0·93	Weather—hot and cloudy with occasional local showers. *Boro* rice giving a bumper outturn. All other crops doing well, except linseed, which has been somewhat injured by rain. Very little cattle-disease in Nator. Fodder and water plentiful. Price of rice varies from 11 to 15 seers per rupee.
	Nator	..	1·79	
	Nowgong	...	3·21	
22	Rangpur	„ 4, '92	4·26	Weather—rainy. Prospects of *aus* and jute good. *Áman* being sown in some places. Price of common rice stationary.
	Kurigaon	...	2·95	
	Nilphamari	...	2·76	
	Gaibanda	...	3·40	
	Ulipur	..	6·14	
23	Bogra	„ 4, '92	2·82	Weather—hot and unsettled. Prospects of standing crops good. Ploughing for *áman* still continues. Condition of cattle good. No want of fodder and water. Price of rice stationary.
	Sherpur	...	2·08	
	Naukhila	...	2·72	
24	Pabna	„ 4, '92	1·51	Weather—hot and cloudy at times. Prospects of standing crops continue good. Weeding continues. Common rice selling at 12 to 13 seers per rupee. Supply of water and fodder sufficient. Condition of cattle good.
25	Darjeeling	„ 4, '92	1·08	Weather—rainy with occasional breaks. *Bhutta*, *chhota marua*, *kagni*, *bhadoi*, *fafar*, and potatoes progressing favourably. *Haimanti* seedlings being planted.
26	Jalpaiguri	„ 4, '92	2·79	Weather—hot and cloudy. Owing to heavy rain, jute and *bhadoi* have suffered to certain extent in low lands. Weeding continues. Price of common rice varies from 9 to 11 seers per rupee. No cattle-disease reported. Water and fodder-supply sufficient.
BIHÁR.				
27	Monghyr	„ 4, '92	0·46	Weather—very warm. Land is being ploughed. Rain is wanted for sowing. The small showers in the Sadar and Begusarai subdivisions were insufficient. Fodder and water scarce.
	Begusarai	...	0·27	
	Jamui	...	Nil	
BHÁGALPUR DIVN.				
28	Bhágalpur	„ 4, '92	Nil	Weather—sultry and cloudy. Rainfall satisfactory in extreme north; elsewhere more rain wanted. Ploughing going on universally, and on rain falling *marua* will be transplanted, and rice, *cheena* and *makai* sown. Indigo reported fair from Banka but prospects decidedly unfavourable in north. No cattle-disease is apprehended. Common rice 11 seers 6 chitaks per rupee.
	Banka	...	1·02	
	Madhipura	...	0·24	
	Supaul	...	1·22	
29	Purnea	„ 4, '92	4·00	Good local showers with storms, chiefly at night. Sunshine in day-time. Sowing of *bhadoi* and jute completed. Plants doing well. *Janaira* paddy in ear. *Kauni*, *cheena* and *mung* being harvested. Good rain during week, and enough sunshine for weeding. Fodder and water ample. Prices of rice:— Srs. Sadar ... ... 10 to 13 } Kishanganj ... ... 10 to 11 } per rupee. Araria ... ... 12 to 13 }
	Kishanganj	...	1·60	
	Araria	...	0·53	
30	Malda	„ 4 '92	1·28	Weather—hot and oppressive. Sowing of *bhadoi* and harvesting of *boro* completed. Lands are being ploughed and prepared for *áman*. The yield of mango is 8 annas. Supply of fodder ample. Ordinary rice selling at from 11 to 13 seers per rupee.
	Chanchal	..	1·41	
	Shibganj	...	0·85	
	Gajol	...	2·88	
13	Sonthal Parganas	„ 4, '92	0·79	Rain has cooled the atmosphere. Prevailing winds are south and east. Lands are being ploughed everywhere. Sowing of paddy and Indian-corn has commenced in some parts. More rain wanted to improve water and fodder supplies. A slight improvement in price of rice, which is now selling at from 12 to 13 seers per rupee.
	Deoghur	...	0·10	
	Godda	...	0·71	
	Jamtara	..	0·65	
	Pakaur	..	1·22	
	Rajmahal	..	0·99	

Division	No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BIHÁR—concld.				
PATNA DIVISION.	32	Patna June 4, '92 Barh ... Bihár ...	Nil Nil 0·30	Weather—hot. The recent rain did some benefit to the standing crops. *Cheena* is being harvested in several places. Sugarcane promising. Rain wanted for *bhadoi* sowings. Common rice selling at from 11 to 12½ seers per rupee. Fodder and water for cattle getting scarce at Barh. No distress reported.
	33	Gaya „ 4, '92 Aurangabad ... Nawáda ... Jahánabad ...	Nil 0·01 0·29 Nil	Weather—cloudy and humid Rain at Nawáda local. Sugarcane under irrigation doing fairly well. *Cheena* was sown on a very limited area and is on an average only a six-anna crop. *Marua* being sown in nurseries. Prices stationary. Cattle suffering from scanty supply of fodder and water.
	34	Shahabad „ 4, '92 Buxar ... Bhabhua ... Sarau ...	0·54 Nil Nil Nil	About half-an-inch of rain fell over the north of the district on the 3rd instant. This has sensibly cooled the air. The rainfall, which appears to have been pretty general in the Buxar and Arrah subdivisions, will be of good service to sugarcane and *bhadoi* ploughing. Elsewhere rain is much wanted; otherwise the situation is nearly unchanged. Rice is cheaper by half a seer per rupee in the south.
	35	Darbhanga „ 4, '92 Madhubani ... Samastipur ...	Nil 0·31 Nil	Weather—hot and occasionally cloudy. Recent rain has improved prospects of *bhadoi* and paddy seedlings. More rain wanted. In Samastipur moisture is insufficient for *bhadoi* sowings. Cattle have fodder, and water sufficient.
	36	Muzaffarpur „ 4, '92 Hajipur ... Sitamarhi ...	Nil Nil 0·31	Easterly winds. In half of Sitamarhi paddy and *bhadoi* crops are coming up. In the rest of the district field operations are commencing, though backward. *Cheena* has been reaped in Hajipur. Prices rising in Hajipur, falling in Sitamarhi. Want of water for cattle reported from Hajipur.
	37	Saran „ 4, '92 Siwán ... Gopalganj ...	Nil Nil Nil	Weather—seasonable. Flying thunderstorms. In Gopalganj land is being largely prepared for *bhadoi*, and *marua* and *kodo* sown. In other subdivisions ploughing going on to a less extent. Prices of common rice:— Srs. Chapra ... ... 11 } Siwán ... ... 11½ } per rupee. Gopalganj ... ... 13¼ } Water and fodder available.
	38	Champaran „ 4, '92 Bettia ...	0·70 0·04	Weather—hot; cloudy with occasional duststorms. Rain has fallen pretty generally all over the district except in thána Kessaria. Standing crops much benefited by rain. People are busy with agricultural operations. No change in prices of food-grains. No scarcity of water and fodder for cattle.
ORISSA.				
ORISSA DIVN.	39	Cuttack „ 4, '92	0·54	Weather—cloudy. Rain (more or less) throughout the district—beneficial but not sufficient. Sowing commenced. Fodder and water still scarce in parts. Rice sells at from 10½ to 15¾ seers per rupee.
	40	Puri „ 2, '92 Pipli .. Banpur ...	0·44 0·37 0·71	Weather—seasonable. Ploughing for the ensuing paddy crop has commenced. More rain is wanted. Miscellaneous crops good. Rice sells at from 10 to 14 seers per rupee.
	41	Balasore „ 4, '92	0·71	Weather—cooler Cultivation in progress More rain wanted, as the water-supply is very short. Rice sells at from 13 to 15 seers per rupee.
CHOTA NAGPUR.				
South-West Frontier Agency.				
CHOTA NAGPUR DIVN.	42	Hazáribágh June 4, '92 Giridi ...	0·09 0·13	Weather—sultry and rather unsettled; cloudy occasionally. Sugarcane doing well. Rain much wanted for agricultural operations. Fodder and water scanty in most places. Common rice selling at from 10 to 11 seers per rupee.
	43	Lohardaga „ 4, '92	0·13	Weather—very hot and cloudy. More rain wanted. Land is being prepared for early paddy. Common rice selling at 14 seers per rupee. Fodder and water not sufficient.
	44	Palámau „ 3, '92	Nil	Weather—cooler: some showers. Sugarcane doing well. A good fall of rain reported in the Chandwa outpost. Showers in other parts, but rain still badly wanted. Common rice selling at from 12 to 14 seers per rupee. Supply of fodder and water very limited.
	45	Singhbhum „ 4, '92	Nil	Rain in most parts of the district, but none at head-quarters, though storms have come daily. Sugarcane and *boro* paddy doing fairly well. Common rice 12 seers per rupee at Chakradharpur; at other places prices stationary.
	46	Manbhum „ 4, '92 Gobindpur ...	0·70 1·24	Weather—bright and cool. Rain all over the district except in Gourangdi to the east. Ploughing in full swing. Paddy being sown in places. Fodder and water-supply sufficient. Rice 13 to 16 seers per rupee.

Published for general information.

CALCUTTA; REVENUE DEPT., *The 7th June,* 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the

Division	Number.	DISTRICTS.	QUANTITIES PER RUPEE IN — WHEAT. Present return.	WHEAT. Next preceding return.	WHEAT. Corresponding return of last year.	BARLEY. Present return.	BARLEY. Next preceding return.	BARLEY. Corresponding return of last year.	RICE, BEST SORT. Present return.	RICE, BEST SORT. Next preceding return.	RICE, BEST SORT. Corresponding return of last year.	RICE, COMMON. Present return.	RICE, COMMON. Next preceding return.	RICE, COMMON. Corresponding return of last year.	JOWAR OR CHOLUM. (*Sorghum Vulgare.*) Present return.	JOWAR OR CHOLUM. Next preceding return.	JOWAR OR CHOLUM. Corresponding return of last year.
BENGAL.			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
BURDWAN DIVISION.	1	Burdwan ...	11 4	11 4	13 4	...	...	...	10 14	10 14	14 4	12 15	12 12	17 4	...	...	...
	2	Bankura ...	11 10	12 4	15 0	...	...	21 0	11 4	11 4	17 8	13 12	14 6	20 0	...	...	...
	3	Birbhum ...	10 8	10 8	15 0	10 3	...	...	10 3	11 0	13 8	12 0	12 12	16 8	...	...	...
	4	Midnapore ...	11 0	11 0	13 4	...	...	...	11 0	11 0	14 0	13 0	13 8	18 0	...	...	...
	5	Hooghly ...	13 0	13 0	13 0	...	...	...	8 0	8 0	8 0	10 0	10 0	14 0	...	...	...
	6	Howrah ...	...	...	13 4	...	...	...	8 0	9 0	11 0	11 3	11 8	14 8	...	...	...
PRESIDENCY DIVISION.		Calcutta ...	11 5	10 15	12 10	16 1	14 7	19 0	7 10	7 13	9 6	10 6	10 7	13 12	16 1	15 3	17 1
	7	24-Parganas ...	11 4	11 4	13 5	16 0	16 0	20 8	8 0	8 0	8 0	12 0	12 8	15 8	16 0	...	...
	8	Nadia ...	11 13½	11 13½	14 14	17 12½	17 12½	25 0	10 0	10 0	12 13	11 10	11 8½	14 14	...	...	...
	9	Khulna ...	8 0	...	...	8 4	...	...	11 0	10 12	13 0	13 0	12 12	16 0	...	...	...
	10	Jessore ...	13 0	10 0	12 5	12 0	...	...	9 8	10 0	13 0	13 0	13 0	16 0	...	...	...
	11	Murshidabad ...	12 0	12 0	14 0	...	...	...	9 0	9 0	12 0	12 0	12 0	14 0	...	...	...
CHITTAGONG DIVISION.	12	Chittagong ...	10 8	9 4	12 8	...	...	...	8 8	8 8	12 8	11 8	11 5½	17 2	...	...	...
	13	Noakhali ...	...	...	...	...	...	...	11 0	11 0	15 0	12 8	12 0	16 0	...	...	...
	14	Tippera ...	12 4	14 0	11 12	...	...	...	9 0	8 8	10 0	12 4	11 6	16 0	...	...	...
	15	Chittagong Hill Tracts.	...	...	...	...	...	...	8 0	8 2	11 6¾	10 0	10 0	15 0	...	...	...
DACCA DIVISION.	16	Dacca ...	11 8	11 8	15 0	...	...	27 0	10 0	10 0	13 0	12 8	12 8	15 0	...	...	...
	17	Faridpur ...	14 0	14 0	20 0	...	40 0	22 0	10 0	11 0	10 0	13 0	13 4	14 0	...	...	...
	18	Backergunge ...	...	...	...	...	...	...	7 4	9 12	13 14	11 0	10 4	16 13	...	...	...
	19	Mymensingh ...	9 8	9 0	11 8	...	..	...	11 0	11 4	12 0	13 8	13 8	14 8	...	...	...
RAJSHAHI DIVISION.	20	Dinajpur ...	10 13	10 13	13 3	16 0	16 0	18 0	9 8	9 8	13 3	12 0	11 8	16 12	...	...	...
	21	Rajshahi ...	12 12	12 12	15 0	19 8	19 8	26 4	9 12	10 8	13 8	11 4	11 4	14 4	...	...	...
	22	Rangpur ...	10 0	10 0	10 10	...	...	...	10 10	9 0	9 6	11 10	11 0	12 4	...	...	...

A In subdivisions retail prices of salt per rupee are :—Kalna 10 seers, Katwa 12 seers, and Raniganj 10 seers.
B At Vishnupur retail price of salt, 11 seers per rupee.
C At Rampur Hát retail price of salt, 10¼ seers per rupee.
D At Ghatál retail price of salt, 10¾ seers per rupee.
E In subdivisions retail prices of salt per rupee are :—Serampore 10½ seers and Jahánabad 10 seers 10 chitaks.
F At Ulubaria retail price of salt, 11 seers per rupee.
G In subdivisions retail prices of salt per rupee are :—Chotla Hát 11 seers 6¾ chitaks, Barasat 10 seers 10 chitaks, Magrahat 10 seers 10 chitaks, and Baduria 10½ seers.
H In subdivisions retail prices of salt per rupee are :—Kushtia 10½ seers, Meherpur 10½ seers, and Ranaghat 10½ seers.
I In subdivisions retail prices of salt per rupee are :—Satkhira 11 seers and Bágerhat 8 seers.
J In subdivisions retail prices of salt per rupee are :—Jhenidah 10 seers, Magura 10 seers, Narail 9 seers 10 chitaks, and Bangaon 10 seers 10¾ chitaks.

SEERS OF 80 TOLAHS.

Bajra or Cumbu (*Pennisetum typhoideum*) — Present return.	Bajra or Cumbu — Next preceding return.	Bajra or Cumbu — Corresponding return of last year.	Marua or Ragi (*Eleusine Coracana*) — Present return.	Marua or Ragi — Next preceding return.	Marua or Ragi — Corresponding return of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	...	...	...
...	...	...	...	...	..
...	...	...	...	...	...
...	...	...	...	...	...
...	..	...	...	...	...
...	...	...	...	...	...
12 14	12 3	11 13	...	...	...
13 8	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...

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f the Districts of Bengal on the 31st May, 1892.

Firewood. Present return.	Firewood. Next preceding return.	Firewood. Corresponding return of last year.	Salt. Present return.	Salt. Next preceding return.	Salt. Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Wholesale Salt. Next preceding return.	Wholesale Salt. Corresponding return of last year.	Districts.	Number.
Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	BENGAL.	
0 0	100 0	100 0	11 10 (A)	11 4	11 2½	3 4 8	3 5 4	3 8 8	Burdwan.	1 (Burdwan Division)
0 0	320 0	240 0	11 0 (B)	11 4	10 4	3 10 0	3 10 0	3 14 0	Bankura.	2 (Burdwan Division)
0 0	200 0	160 0	10 4 (C)	10 8	10 8	3 14 0	3 10 0	3 9 0	Birbhum.	3 (Burdwan Division)
0 0	120 0	120 0	10 8 (D)	10 8	10 10	3 12 0	3 12 0	3 12 0	Midnapore.	4 (Burdwan Division)
0 0	120 0	120 0	10 0 (E)	10 0	10 0	3 12 0	3 12 0	3 9 0	Hooghly.	5 (Burdwan Division)
0 0	100 0	100 0	10 10⅜ (F)	10 8	10 8	3 8 0	3 6 0	3 9 0	Howrah.	6 (Burdwan Division)
6 0	86 0	95 0	11 4	11 3	10 14	3 4 2	3 4 9	3 6 1	Calcutta.	
0 0	100 0	100 0	11 0 (G)	11 0	10 12	3 5 0	3 5 0	3 6 6	24-Parganas.	7 (Presidency Division)
...	...	...	10 10½ (H)	10 10¼	9 13	3 8 0	3 8 0	3 12 0	Nadia.	8 (Presidency Division)
0 0	140 0	160 0	10 0 (I)	9 0	9 0	4 0 0	4 0 0	4 0 0	Khulna.	9 (Presidency Division)
0 0	160 0	160 0	9 2 (J)	9 2	9 2	3 10 0	3 10 0	3 14 (	Jessore.	10 (Presidency Division)
0 0	200 0	200 0	10 8 (K)	10 8	11 0	3 7 0	3 12 0	3 12 0	Murshidabad.	11 (Presidency Division)
0 0	110 0	110 0	9 0 (K1)	9 0	10 0	4 4 0	4 6 0	3 12 0	Chittagong.	12 (Chittagong Division)
...	...	...	8 0 (L)	8 0	8 0	4 12 0	4 12 0	4 8 0	Noakhali.	13 (Chittagong Division)
...	...	...	9 0 (M)	9 0	10 0	4 0 0	4 0 0	4 0 0	Tippera.	14 (Chittagong Division)
10 0	240 0	320 0	8 0	8 0	8 0	4 12 0	4 12 0	4 8 0	Chittagong Hill Tracts.	15 (Chittagong Division)
20 0	120 0	140 0	10 0 (N)	10 0	10 4	3 8 0	3 8 0	3 14 0	Dacca.	16 (Dacca Division)
...	...	120 0	10 12 (O)	10 0	10 0	3 12 0	3 15 0	4 0 0	Faridpur.	17 (Dacca Division)
30 0	80 0	120 0	11 0 (P)	10 0	10 10	3 10 0	3 12 0	3 12 0	Backergunge.	18 (Dacca Division)
0 0	140 0	...	9 12 (Q)	10 0	9 4	4 0 0	3 15 0	4 2 0	Mymensingh.	19 (Dacca Division)
0 0	160 0	160 0	10 4	10 4	10 0	3 12 0	3 12 0	4 0 0	Dinajpur.	20 (Rajshahi Division)
0 0	240 0	240 0	9 9 (R)	9 9	9 9	3 10 8	3 10 8	4 0 0	Rajshahi.	21 (Rajshahi Division)
0 0	100 0	100 0	10 0 (S)	10 0	9 6	4 0 0	4 0 0	4 4 0	Rangpur.	22 (Rajshahi Division)

* K In subdivisions retail prices of salt per rupee are :—Kandi 10¼ seers, Lalbagh 10½ seers, and Jangipur 10¼ seers.
K1 At Cox's Bazar retail price of salt, 8 seers per rupee.
L At Fenny Hát retail price of salt, 8¼ seers per rupee.
M In subdivisions retail prices of salt per rupee are :—Brahmanbaria 10 seers and Chandpur 9 seers.
N In subdivisions retail prices of salt per rupee are :—Manikganj 9 seers and Munshiganj 10 seers.
O In subdivisions retail prices of salt per rupee are :—Goalundo 10 seers and Madaripur 11 seers.
P In subdivisions retail prices of salt per rupee are :—Pirojpur 10¼ seers, Patuakhali 9 seers.
Q In subdivisions retail prices of salt per rupee are :—Kishorganj 8 seers, Tangail 10 seers, Jamálpur 9¼ seers, and Netrokona 10 seers.
R In subdivisions retail prices of salt per rupee are :—Nator 9 seers and Nowgong 9 seers 9 chitaks.
S In subdivisions retail prices of salt per rupee are :—Nilphamari 9½ seers and Kurigaon 10 seers.

PRICES-CURRENT, (retail) of Food-grains, Firewood, and Salt in the Head-quarters

QUANTITIES PER RUPEE IN

Division	Number.	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Jowar or Cholum (Sorghum Vulgare). Present return.	Jowar or Cholum. Next preceding return.	Jowar or Cholum. Corresponding return of last year.
BENGAL—*continued.*			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Rajshahi Division—*concld.*	23	Bogra	12 0	12 0	13 8	...	...	...	9 12	9 0	12 0	13 2	13 8	16 8	...	...	...
	24	Pabna	13 8	13 8	17 0	...	...	...	6 12	6 12	7 2	12 12	12 12	15 0	...	...	...
	25	Darjeeling	7 0	8 0	9 0	8 0	8 0	10 5	5 0	5 0	5 0	9 0	9 0	13 0	...	...	...
	26	Jalpaiguri	11 0	10 0	12 0	16 0	15 0	16 0	7 0	7 0	8 0	10 8	10 8	16 0	...	...	...
BIHAR.																	
Bhágalpur Division.	27	Monghyr	13 10 / 14 7	White. 13 6 / Red. 14 7	16 13 / ...	...	18 14	21 0	9 7	9 7	8 6	11 0 to 11 4	11 0	13 10	...	...	13 10
	28	Bhágalpur	13 14	13 10	16 6	17 10	16 6	25 4	10 1	10 1	13 4	11 6	11 6	14 8	...	...	...
	29	Purnea	12 0	16 0	16 0	16 0	16 0	18 0	10 0	10 0	15 0	11 8	12 0	18 0	...	...	...
	30	Malda	13 4	13 4	17 0	...	...	...	10 0	10 0	12 0	12 0	11 0	15 0	...	...	...
	31	Sonthal Parganas.	11 0	11 0	12 0	...	...	...	9 0	9 0	13 0	11 4	11 0	16 0	...	...	...
Patna Division.	32	Patna	14 0 / 13 8	Red. 14 0 / White. 13 0	18 0 / 16 0	18 0	20 0	24 0	9 0	9 0	11 0	12 8	12 8	17 8	20 0	20 0	12 0
	33	Gaya	13 0	13 0	14 4	18 0	17 0	24 0	9 0	8 8	10 8	12 0	11 0	15 4	...	...	...
	34	Shahabad	13 8	13 8	15 8	18 0	18 0	20 0	8 0	8 0	9 0	11 8	11 0	14 8	...	...	...
	35	Darbhanga	13 3	13 3	16 8	18 2	17 9	26 0	10 0	9 14	12 0	12 0	12 1	15 0	...	...	...
	36	Muzaffarpur	13 8	12 0	17 0	17 0	17 0	21 0	9 0	10 0	10 0	11 8	11 0	15 0	...	...	...
	37	Saran	13 8	13 4	15 2	19 0	19 0	21 0	8 8	8 4	8 8	11 8	11 5	14 8	...	...	...
	38	Champaran	12 4	12 8	16 6	17 8	19 0	25 12	8 8	8 0 to 9 0	9 0	12 8	12 8 to 13 0	13 12	...	...	...
ORISSA.																	
Orissa Division.	39	Cuttack	10 8	10 13	10 8	...	...	...	8 3	9 3	10 8	10 8	13 2	17 1	...	...	...
	40	Puri	10 8	10 8	14 7	...	...	...	10 8	10 8	14 7	13 0	13 0	21 0	...	...	...
	41	Balasore	10 12	11 0	15 0	10 0	10 0	13 0	10 0	11 0	13 0	13 0	14 0	19 0	...	...	...
CHOTA NAGPUR																	
Chota Nagpur Division.	42	Hazáribágh	12 4	12 8	13 0	14 0	14 0	16 0	8 0	8 0	10 0	12 8	13 0	15 0	...	...	...
	43	Lohardaga	12 0 / 8 to 8 10 0	Red. 12 8 / White. 8 to 8 10 0	13 0 / 7 12	11 0	11 8	19 0	12 0	12 0	13 0	Ordinary. 14 8 / Coarse. ...	Ordinary. 13 8 / Coarse. 15 0	Ordinary. 15 0 / Coarse. 17 0	... c	...	...
	44	Palámau	13 8	12 6	15 0	16 14	18 9	19 0	13 8	12 6	12 6	14 1	14 1	14 0	...	...	...
	45	Singhbhum	14 0	14 0	12 0	..	20 0	14 0	12 0	13 0	12 0	16 0	16 0	14 0	A.	...	...
	46	Manbhum	11 0	11 0	12 8	..	20 0	16 0	11 8	12 0	13 8	15 0	20 0	19 0	...	...	...

T At Sirajganj retail price of salt, 11¼ seers per rupee.
T1 Retail price of salt at Kurseong and Silliguri, 8 seers per rupee.
U At Falakata in Alipur subdivision retail price of salt, 8¼ seers per rupee.
V In subdivisions retail prices of salt per rupee are:—Begusarai 10 seers and Jamui 10 seers.
W In subdivisions retail prices of salt per rupee are:—Banka (Amarpur) 10 seers, Madhipura 10 seers, and Supaul 10 seers.
X In subdivisions retail prices of salt per rupee are—Kishanganj 9 seers and Araria 10 seers.
Y In subdivisions retail prices of salt per rupee are:—Deoghur 10 seers 10 chitaks, Godda 10 seers, Jamtara 10 seers, and Pakaur 10½ seers.
Z In subdivisions retail prices of salt per rupee are:—Barh 11 seers, Bihar 10 seers.
a In subdivisions retail prices of salt per rupee are:—Sasarám 10 seers, Buxar 10 seers, and Bhabhua 9½ seers.

Station Bazars of the Districts of Bengal on the 31*st May*, 1892—(concluded).

Indian-corn or Maize. (*Zea Mays.*) Present return.	Next preceding return.	Corresponding return of last year.	Arhar or Thur, Cadjan Pea. (*Cajanus Indicus.*) Present return.	Next preceding return.	Corresponding return of last year.	Firewood. Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Next preceding return.	Corresponding return of last year.	Districts.	Number.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
															BENGAL—*continued.*	
															Rajshahi Division—concld.	
...	...	...	...	...	...	90 0	90 0	90 0	9 12	9 12	9 6	3 14 8	3 14 8	4 0 0	Bogra.	23
...	...	...	16 8	16 8	16 8	200 0	200 0	200 0	T 9 12	9 12	8 15	3 12 0	3 12 0	3 14 0	Pabna.	24
11 0	12 0	18 0	8 0	8 0	8 0	120 0	120 0	120 0	T1 8 0	8 0	7 0	5 0 0	5 0 0	5 8 0	Darjeeling.	25
...	...	...	8 0	8 0	10 0	160 0	160 0	200 0	U 10 0	10 0	10 0	4 0 0	4 0 0	4 0 0	Jalpaiguri.	26
															BIHAR.	
															Bhágalpur Division.	
15 12	16 12 to 17 1	15 12	16 12 to 17 13	16 12 to 18 6	18 14	147 0 to 178 8	147 0 to 189 0	168 0	V 10 8	10 8 to 10 12	10 8	3 7 6	3 8 0	3 12 0	Monghyr.	27
16 6	16 6	20 3	17 10	17 10	18 15	164 8	164 0	164 0	W 10 11	10 11	10 11	3 12 0	3 12 0	3 12 0	Bhágalpur.	28
15 0	16 0	20 0	15 0	13 0	14 0	160 0	115 0	115 0	X 10 0	9 0	9 0	4 0 0	4 7 0	4 3 4	Purnea.	29
20 0	...	...	...	...	..	120 0	120 0	120 0	10 0	10 0	9 4	3 12 0	3 12 0	4 2 0	Malda.	30
13 0	13 0	20 0	15 0	16 0	20 0	230 0	200 0	200 0	Y 10 0	10 0	9 0	3 10 3	3 10 3	4 0 0	Southal Parganas.	31
															Patna Division.	
18 8	20 0	...	20 0	22 0	19 0	130 0	120 0	130 0	Z 10 8	11 8	10 12	3 12 0	3 8 0	3 10 6	Patna.	32
16 8	16 8	...	19 0	18 0	17 0	160 0	160 0	120 0	10 0	10 0	9 12	3 13 0	3 14 0	4 0 0	Gaya.	33
16 0	...	...	18 0	18 0	17 0	140 0	140 0	160 0	a 10 12	10 8	10 8	3 9 0	...	3 15 0	Shahabad.	34
17 0	17 9	18 0	18 11	18 0	17 0	168 0	160 0	160 0	b 10 4	11 0	11 0	3 8 0	3 6 0	3 8 0	Darbhanga.	35
17 0	16 0	16 0	19 0	18 0	16 0	160 0	160 0	160 0	c 10 8	11 0	11 0	3 11 6	3 10 0	3 9 0	Muzaffarpur.	36
18 0	18 4	16 4	20 0	19 8	17 4	160 0	160 0	160 0	d 10 4	10 8	10 0	3 14 0	3 12 0	3 14 0	Saran.	37
17 0	17 8	17 8	19 0	19 0	17 0	160 0	160 0	160 0	e 10 8	10 8	10 8	3 12 0	3 12 0	4 0 0	Champaran.	38
															ORISSA.	
															Orissa Division.	
...	...	...	11 8	16 6	18 6	80 0	80 0	80 0	f 9 0	11 0	11 0	4 6 0	3 12 0	3 12 0	Cuttack.	39
...	...	.	13 8	13 13	17 1	80 0	80 0	80 0	g 11 0	12 0	9 13	3 10 3	3 6 0	3 12 0	Puri.	40
...	...	..	10 12	...	...	160 0	140 0	160 0	h 11 0	10 8	10 0	3 14 0	3 14 0	3 14 0	Balasore.	41
															CHOTA NAGPUR.	
															Chota Nagpur Division.	
17 0	17 8	18 0	15 8	17 0	18 0	240 0	240 0	240 0	i 9 0	9 0	9 0	4 0 0	3 15 0	4 0 0	Hazáribágh.	42
18 0	18 0	25 0	12 0 / 15 0	Big. 11 0 / Small. 16 0	17 0 / 21 0	160 0	160 0	140 0 to 160 0	8 8	9 0	9 0	1 8 0	4 8 0	4 8 0	Lohardaga.	43
20 14	16 14	19 0	20 4	18 9	14 11	200 0	...	200 0	7 14	8 1	7 14	No wholesale.			Palámau.	44
.	...	14 0	16 0	16 0	16 0	160 0	160 0	200 0	9 0	9 0	9 0	4 6 0	4 4 0	4 5 0	Singhbhum.	45
...	...	...	15 0	15 0	19 0	200 0	200 0	200 0	j 10 10	10 10	9 14	3 12 0	3 14 0	3 11 0	Manbhum.	46

b In subdivisions retail prices of salt per rupee are—Samastipur 10 seers and Madhubani 11½ seers.
c In subdivisions retail prices of salt per rupee are :—Hajipur 10¼ seers and Sitamarhi 11 seers.
d In subdivisions retail prices of salt per rupee are :—Siwán 11 seers 6 chitaks and Gopalganj 12 seers.
e At Bettiah retail price of salt, 10 seers per rupee.
f In subdivisions retail prices of salt per rupee are :—Jajpur 9 seers, Kendrapara 9 seers, and Banki 12 seers.
g At Khurda retail price of salt, 11 seers per rupee.
h At Bhadrak retail price of salt, 9 seers per rupee.
i At Giridih (Whitty Bazar) retail price of salt, 9½ seers per rupee.
j At Gobindpur retail price of salt, 10½ seers per rupee.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARTS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 3 11	3 5 9	2 14 3	2 3 11	2 7 6	1 13 0	5 0 3	4 13 6	4 0 0	3 8 4	3 9 3	2 10 6
2	Sirajganj ...	3 4 0	3 4 0	2 12 0	...	...	...	5 1 6	5 0 0	4 15 0	3 4 0	3 4 0	3 1 6
3	Dacca ...	3 8 0	3 8 0	2 8 0	...	...	1 8 0	4 0 0	4 0 0	2 14 0	3 2 0	3 2 0	2 8 0
4	Narainganj*	...	...	...	...	...	...		3 0 0	2 8 0		2 10 0	2 4 0
5	Chittagong	3 12 0	4 2 0	3 0 0	...	...	...	4 8 0	4 8 0	3 2 0	3 7 6	3 8 8	2 4 3
6	Patna ...	{ 2 13 3 { 2 15 6	Red. 2 13 3 White. 3 0 6	2 3 6 } 2 8 0 }	2 3 0	2 0 0	1 10 9	4 7 3	4 7 3	3 10 0	3 3 0	3 3 0	2 4 6
7	Balasore* ...		3 12 0	2 12 0		3 12 0	3 0 0		3 8 0	3 0 0		2 14 0	2 1 0
8	Puri ...	3 12 9	3 12 9	...	...	...	.	3 12 9	3 12 9	...	3 1 3	3 1 3	1 14 3
9	Cuttack ...	3 12 0	3 8 0	3 10 0	...	...	...	4 14 0	4 4 0	3 10 0	3 12 0	3 0 0	2 2 [illegible]

* Present return not received.

CALCUTTA,
The 7th June, 1892.

in the undermentioned Marts of Bengal on the 31st May, 1892.

Gram, Chana, Chhola, Kadalay or Sunaga. (*Cicer Arietinum.*)			Indian-corn or Maize. (*Zea Mays.*)			Arhar or Thur, Cadjan Pea. (*Cajanus indicus.*)			Firewood.			Salt.			Marts.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
2 7 3	2 6 11	2 0 8	...	2 6 0	...	2 5 6	2 7 0	2 3 9	0 6 0	0 6 3	0 5 9	3 4 2	3 4 9	3 6 1	Calcutta.
2 4 0	2 4 0	2 4 0	...	...	...	...	...	...	0 6 6	0 6 6	0 7 0	3 7 0	3 7 0	3 13 0	Sirajganj.
2 10 0	2 10 0	2 6 0	...	...	...	2 13 0	2 13 0	3 12 0	0 5 0	0 5 0	0 4 0	3 8 0	3 8 0	3 14 0	Dacca.
	3 4 0	3 8 0	..	...	...		3 8 0	4 8 0		0 8 0	0 8 0		3 8 0	3 8 0	Narainganj.
3 6 0	3 6 0	3 5 0	...	...	...	...	...	...	0 5 0	0 5 0	0 5 0	4 4 0	4 6 0	3 12 0	Chittagong.
2 1 6	2 8 0	1 12 6	2 2 0	2 0 0	...	2 0 0	1 13 0	2 1 3	0 5 0	0 5 4	0 5 0	3 12 0	3 8 0	3 10 6	Patna.
	2 12 0	2 12 0	...	...	...	...	...	...		0 5 0	0 4 6		3 14 0	3 14 0	Balasore.
2 15 0	(kalai.) 2 15 0	...	...	...	...	2 15 4	2 15 0	...	0 8 0	0 8 0	...	3 10 3	3 6 0	3 12 0	Puri.
2 10 0	(kalai). 2 6 0	2 5 0	...	...	...	2 10 0	2 6 0	2 2 0	0 8 0	0 8 0	0 8 0	4 6 0	3 12 0	3 12 0	Cuttack.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS.													
			Air pressure.			Wind.		Temperature.								
			Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Puri	Puri	29·683	29·632	—	Sly	357	91·7	29 & 31 May	76·1	2nd June	90·2	81·3	85·8	—	85·2
		Gopalpore	29·669	29·630	+·058	Variable	387	92·2	30, 31 ,,	75·3	2nd ,,	90·7	80·9	85·8	+1·2	84·5
		False Point	29·699	29·661	+·062	Sly	367	93·5	31st ,,	79·2	2nd ,,	91·2	82·3*	86·9*	+0·6*	86·7
	Cuttack	Cuttack	29·624	29 646	+·062	Variable	84	107·9	31st ,,	73·8	1st ,,	100·2	80·9	90·6	+0·5	87·3
	Balasore	Balasore	29·638	29 639	+·057	S	187	96 4	31st ,,	72·8	1st ,,	93·3	78·6	85 9	−1·4	85·9
South-West Bengal.	South-West Midnapore, South 24-Parganas	Saugor Island	29·684	29·653	+·055	S	401	93·7	29 & 4 June	75·5	1st ,,	92·0	79·7	85·8	−1·2	87 3
	Midnapore	Midnapore	29·555	29 648	+·065	S	259	103·4	29th May	71·2	1st ,,	97·2	75 5	86·4	−2·2	85·7
	24-Parganas, Howrah, Hooghly	Calcutta	29·684	29·650	+·050	Sly	141	95·1	3 & 4 June	73·7	29th May	93·1	76·5	84·8	−1·0	84·4
	Burdwan	Burdwan	29·621	29·666	+ 079	Variable	136	101·7	29th May	72·9	31st ,,	97·0	76·6	86·9	−0·9	83·4
	Bankura	Bankura	29 375	29·628	+·060	S	162	102·6	29th ,,	70·1	1st June	97·5	76·8	87·2	?	97·4
	Birbhum, West Burdwan	Raniganj	29·374	29·607	+·074	Variable	99	101·5	30th ,,	74·4	1st ,,	98·1	78·3	88 3	−1·1	82·7
	Murshidabad	Berhampore	29 653	29·668	+·071	Variable	105	99·7	30th ,,	70·3	31st May	94·7	76·6	85·6	−0·4	81·1
	Nadia	Krishnagar	29·666	29·661	+·076	Sly	177	99·7	30th ,,	74·2	30th ,,	97·3	77·0	87·2	+1·0	84·3
	Jessore, Khulna	Jessore	29 697	29 677	+·068	SEly	135	99·2	29th ,,	72·9	30th ,,	94·2	77·8	86 0	+0·2	84·3
East Bengal.	Chittagong	Chittagong	29·689	29·722	+·052	SEly	110	91·7	4th June	72·6	31 & 1 June	89·4	76·9	83·2	+1·3	83·3
	Chittagong Hill Tracts	Demagiri						Observations not received.								
	Backergunge	Barisal	29·727	29 684	+·062	Sly & Calm	121	93·3	31st May	75·9	31st May	91·7	79·5	85·7	+3·6	84·6
	Noakhali	Noakhali	29·703	29·693	+·058	S	163	90·5	4th June	71·3	31st ,,	88·6	77·9	83 3	+1·3	82·7
	Faridpur	Faridpur	29·714	29·708	+·078	SEly	126	93·5	31st May	70·9	31st ,,	91·6	77·7	84·7	+2·2	82 6
	Dacca	Dacca	29 721	29·690	+·065	Sly	188	93·6	31st ,,	71·2	31st ,,	91·9	78·5	85·2	+1·7	83·7
	Tippera	Comilla	29·716	29·699	+·061	SEly	77	93·3	4th June	70·8	31st ,,	90·6	77·1	83·8	+1·7	82·5
	Mymensingh	Mymensingh	29·692	29·706	+·059	ESE	126	91·7	4th ,,	70·6	31st ,,	87·8	75·2	81·6	+0·4	81·4
North Bengal.	Bogra	Bogra	29·657	29·670	+·074	SE	91	93·3	31st May	69·2	1st June	89·4	73·4	81·5	−1·0	80·7
	Pabna	Sirajganj	29·692	29·688	+·070	SEly & Calm.	53	93·1	1st June	70·7	29th May	90·8	74·3	82·4	+0·3	82·1
	Rajshahi	Rampur Boalia.	29·651	29 670	+·079	SE	117	93·8	30 & 4 ,,	69·2	31st ,,	91·7	75·9	83·8	−0·4	82·3
	Malda	Malda	29·638	29·670	—	Sly	87	100·0	30th May	71·5	1st June	95·5	76·1	85·8	—	84·2
	Dinajpur	Dinajpur	29·609	29 678	+·050	Variable	99	93·1	31st ,,	71·2	29 & 1 ,,	89·5	73·2	81 4	−1·2	67·8
	Rangpur	Rangpur	29·630	29 707	+·052	E	33	91·8	31st ,,	71·7	30th May	88 9	73·7	81·3	+0·4	79·3
	Jalpaiguri, Kuch Bihar	Jalpaiguri	29·457	29·694	+·040	Ely	100	90·4	4th June	69·1	30th ,,	88·2	74·1	81·2	−1·1	81·0
	Darjeeling Hill Tracts	Darjeeling	22·937	—	+·037	SWly	152	67 6	31st May	51·6	1st June	64·4	54 2	59·3	+0·5	58·7
North Bihar.	Purnea, North Bhágalpur	Purnea	29·612	29·691	+·088	Ely	70	93 2	31st ,,	70·2	29 & 30 May	90·8	72 9	81 8	−2·1	80·1
	Muzaffarpur	Muzaffarpur	29·492	29·621	—	ESE	272	100·7	30th ,,	75·7	30th ,,	96·0	79·3	87·7	—	85·3
	Darbhanga	Darbhanga	29·541	29·659	+·063	Ely	230	97·5	4th June	78·0	1st June	93·6	75 9	84·8	−1·4	83·8
	Champaran	Motihari	29·455	29·636	+·053	ENE	230	97·2	30 & 4 ,,	68·8	30th May	93·8	73·9	83·8	−1·8	81·3
	Saran	Chapra	29·464	29·595	+·024	ESE	201	107 7	30th May	79·1	1st June	102·9	81·2	92·0	+4·8	88·5
South Bihar.	Shahabad	Dehri	29·264	29·560	+·001	E	177	111·4	31st ,,	81·0	1st & 3 ,,	108·5	82·7	95·6	+6·6	91·2
		Buxar	29·397	29 586	+·017	Ely	247	109·4	30th ,,	81·2	1st ,,	104 9	83·2	94·1	+5·0	89·4
		Arrah	29·447	29·584	+·027	SEly	136	110·4	30th ,,	79·0	31st May	105·3	82·1	93·7	+5·7	89·4
	Gaya	Gaya	29·255	29 574	+·060	E	184	110·6	30 & 31 ,,	80 3	31st ,,	106·2	84·2	95 2	+4·3	90·3
	Patna	Bankipore	29·407	29 595	+·016	E	253	108 1	30th ,,	78·7	1st June	102·2	80·6	91·4	+2·3	89·2
	South Bhágalpur, Monghyr	Bhágalpur	29 520	29·632	+·059	SE	95	104·3	30th ,,	74·5	1st ,,	99·5	78 4	89·0	+4·3	86·7
	Sonthal Parganas	Dumka	29·196	29·637	+·069	SEly	221	101·7	30th ,,	68·8	30th May	96·8	77·1	87·0	+0·3	83·4
Chota Nagpur.	Hazáribágh	Hazáribágh	27·681	29·593	+·030	S	209	106·6	30th ,,	73·8	1st June	100·9	77·1	89·0	+2·6	84·0
	Lohardaga, Palámau, Manbhum	Ranchi	27·568	29·596	+·034	S & SW	156	105·5	30th ,,	71·4	2nd ,,	99·7	75·4	87·6	+1·2	83·2
	Singhbhum	Chaibassa	28·886	29·582	+·026	SW	69	103·8	1st June	77·7	1st ,,	104·8	81·6	93·2	+2·1	85·1
Assam.	Sibsagar	Sibsagar	29·400	29·696	+·007	NE		93·6	4th ,,	74·0	31st May	89·8	76·6	83·3	+2·0	81·2
	Goalpara	Dhubri	29·637	29·706	+·048	Sly	118	89·2	31 & 4 ,,	71·3	31st ,,	86·6	74·6	80·6	−0·2	78·7
	Cachar	Silchar	29·670	29·726	+·050	Calm		94·5	4th ,,	73·3	31st ,,	91·1	75·3	83·3	+1·3	89·2

* Means of 5 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last

The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 4th of June 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	Of week. Mean for district.	Of week. Normal mean.	District observations. Rainfall. Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 16th May 1892. Mean for district.	Since 16th May 1892. Normal mean.	Since 16th May 1892. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
83	6·7	0·44		1·08		0·95			2·07			1·38	Puri ...	Puri	Orissa.
82	3·6	0·61											Gopalpore ...		
70	7·4	0·81											False Point ...		
73	7·4	0·40		1·00		0·73			3·23			1·39	Cuttack ...	Cuttack	
78	3·7	0·90		1·30		1·11			3·81			1·63	Balasore ...	Balasore	
70	5·7	0·85	1·82	1·82	0·51	1·58	−1·07	3·48	4·06	−0·58	2·07	2·07	Saugor Island ...	South-West Midnapore South 24-Parganas ...	South-West Bengal.
76	2·6	1·37	1·75	2·06	0·35	1·84	−1·49	3·41	4·03	−0·62	3·00	2·04	Midnapore ...	Midnapore	
78	4·4	0·40	0·72	2·05	0·06	1·87	−1·81	3·28	4·87	−1·59	1·30	2·30	Calcutta ...	24-Parganas ... Howrah ... ... Hooghly	
76	4·7	2·64	1·34	2·04	0·52	1·70	−1·18	2·94	4·61	−1·67	2·33	2·29	Burdwan ...	Burdwan	
79	3·4	0·77	1·58	1·83	0·77	1·43	−0·66	4·52	3·96	+0·56	2·75	2·02	Bankura ...	Bankura	
83	2·9	0·24	0·01	1·50	0·18	1·35	−1·17	2·40	3·55	−1·15	1·50	1·94	Raniganj ...	Birbhum ... ... West Burdwan ...	
88	4·3	1·23	1·02	1·59	Nil	1·26	−1·26	4·03	4·80	−0·77	1·33	2·23	Berhampore ...	Murshidabad ...	
74	4·4	0·09	1·15	2·29	Nil	1·94	−1·94	3·01	5·90	−2·89	1·40	2·54	Krishnagar ...	Nadia	
84	4·7	1·10	0·70	2·82	0·05	2·46	−2·41	3·27	6·01	−2·74	0·88	2·83	Jessore ...	Jessore ... ... Khulna	
81	0·7	0·40	2·45	6·21	0·12	5·03	−4·91	3·46	11·75	−8·29	2·00	3·74	Chittagong ...	Chittagong	East Bengal.
			5·56	4·40	2·47	3·61	−1·14	8·34	9·44	−1·10	3·00	4·00	Domagiri ...	Chittagong Hill Tracts	
83	7·3	0·93	0·63	4·45	0·07	3·77	−3·70	1·63	8·53	−6·90	1·25	3·39	Barisál ...	Backergunge	
87	2·7	2·04	2·62	6·06	0·65	4·91	−4·26	5·77	11·53	−5·76	2·00	3·43	Noakhali ...	Noakhali	
88	4·8	0·72	0·81	3·00	0·02	2·62	−2·60	5·00	7·35	−2·35	1·00	2·88	Faridpur ...	Faridpur	
85	7·7	1·25	1·75	2·65	Nil	2·26	−2·26	5·84	6·63	−0·79	1·25	2·84	Dacca ...	Dacca	
85	3·7	1·70	2·95	3·43	0·11	2·83	−2·72	7·10	8·02	−0·92	2·25	3·49	Comilla ...	Tippera	
87	6·4	3·53	2·78	3·79	0·33	3·37	−3·04	10·88	9·05	+1·83	2·27	3·14	Mymensingh .	Mymensingh	
84	3·8	4·13	3·10	2·53	1·83	2·16	−0·33	6·39	7·67	−1·28	3·50	2·47	Bogra ...	Bogra	North Bengal.
88	7·3	1·50	1·50	2·58	Nil	2·27	−2·27	5·90	6·66	−0·76	1·50	2·53	Sirajganj ...	Pabna	
82	2·3	0·93	1·77	2·29	0·68	1·77	−1·09	5·68	5·74	−0·06	2·00	2·46	Rampur Boalia ..	Rajshahi	
78	2·7	1·28	1·00	1·63	0·92	1·37	−0·45	2·02	4·29	−2·27	1·50	1·72	Malda ...	Malda	
84	0·6	4·93	·210	2·32	1·74	1·89	−0·15	3·72	6·64	−2·92	2·80	2·01	Dinajpur ...	Dinajpur	
86	2·7	4·26	2·93	3·91	1·88	3·33	−1·45	10·88	11·15	−0·27	4·25	3·32	Rangpur ...	Rangpur	
83	1·1	2·80	4·36	6·53	1·47	5·71	−4·24	23·29	14·96	+8·33	4·60	4·48	Jalpaiguri ...	Jalpaiguri ... ... Kuch Bihar	
91	7·3	1·08	2·00	4·23	0·64	3·85	−3·21	13·44	10·79	+2·65	3·25	4·29	Darjeeling ...	Darjeeling Hill Tracts	
90	3·9	2·82	0·76	1·24	0·32	1·09	−0·77	3·62	4·05	−0·43	1·20	1·44	Purnea ...	Purnea ... ... North Bhágalpur ...	North Bihár.
69	1·4	Nil	0·01	0·58	Nil	0·57	−0·57	0·75	1·84	−1·09	0·00	1·02	Muzaffarpur ...	Muzaffarpur	
68	1·6	Nil	0·23	0·63	Nil	0·56	−0·56	1·44	1·94	−0·50	0·33	1·02	Darbhanga ...	Darbhanga	
74	2·3	0·70	0·37	0·86	0·14	0·80	−0·66	2·40	2·32	+0·08	1·00	1·17	Motihari ...	Champaran	
61	0·6	Nil	0·04	0·71	0·04	0·07	−0·63	0·83	1·78	−0·95	0·33	0·71	Chapra ...	Saran	
47	0·4	Nil											Dehri ...	Shahabad	South Bihár.
54	1·7	drops	0·13	0·23	0·11	0·21	−0·10	0·37	1·08	−0·71	0·40	0·43	Buxar ...		
63	0·7	0·54											Arrah ...		
69	4·7	Nil	0·12	0·34	0·05	0·32	−0·27	0·30	1·75	−1·45	0·50	0·54	Gaya ...	Gaya	
70	0·6	Nil	0·12	0·36	0·05	0·31	−0·26	0·51	1·76	−1·45	0·50	0·79	Bankipore ...	Patna	
64	1·9	Nil	0·34	0·78	0·34	0·69	−0·35	0·96	2·22	−1·26	0·40	1·23	Bhagalpur ...	South Bhágalpur ... Monghyr	
72	2·6	0·79	[illegible]	1·25	0·28	0·98	−0·70	2·28	3·53	−1·25	1·67	1·79	Dumka ...	Sonthal Parganas ...	
59	4·8	0·26		0·92		0·71			2·54			1·32	Hazáribágh ...	Hazáribágh	Chota Nagpur.
61	2·9	0·13	0·03	0·90	0·03	0·83	−0·20	1·41	2·74	−1·33	1·50	1·30	Ranchi ...	Lohardaga	
			Nil	0·55		0·51	−0·51	0·16	1·64	−1·48	0·00	0·75		Palámau	
			0·62	1·25	0·04	1·05	−1·01	1·00	2·73	−1·06	1·00	1·61		Manbhum	
68	2·6	0·02	Nil	1·11	Nil	0·95	−0·95	2·19	3·43	−1·24	0·00	1·75	Chaibassa ...	Singbhum	
87	6·3	1·51											Sibsagar	Assam	Assam.
87	4·1	7·18											Dhubri		
85	7·1	4·27											Silchar		

ten years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfal the normal mean
past ten years. The means of the district are the numerical average of the rainfall returned received in the district, *i.e.* from total rainfall at the subdivisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 4th of June 1892.

Meteorological division.	District.	Station.	Rainfall. Sunday, 29th May.	Monday, 30th May.	Tuesday, 31st May.	Wednesday, 1st June.	Thursday, 2nd June.	Friday, 3rd June.	Saturday, 4th June.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th May 1892.	Average rainfall from 16th May to date.
ORISSA	Puri	Puri	...	...	...	0.10	0.22	...	...	2	0.32	0.98	0.32	0.89	0.42	2.18
		Khurda	...	...	...	...	...	0.23				1.00		0.90		2.94
		Banpur	...	0.02		...	1.37					1.45		1.15		2.39
		False Point	...	...	...	...	...	...	...	Nil	Nil	0.90	Nil	0.88	2.17	3.18
		Gop	...	...	...	0.21						?		?		?
		Satpara	...	...	...	...	1.60					?		?		?
		Pipli	...	...	...	0.37	0.37					?		?		?
	Cuttack	Jagatsingpore	...	...	...	0.21	0.35					0.46		0.38		1.89
		Banki	...	...	...	...	0.06					0.68		0.61		2.44
		Cuttack	...	...	...	0.40	0.14	...	...	2	0.54	1.27	0.54	0.61	1.11	4.23
		Kendrapara	...	...	0.06	0.18	0.02	...	...	1	0.56	1.28	0.50	0.95	1.04	3.31
		Jajpur	...	...	...	0.79	...	...	...	1	0.79	1.60	0.79	1.08	2.34	4.24
		Dharmasala	...	...	...	1.27	...	...	...	1	1.27	?	1.27	?	2.30	?
		Salipore	...	...	...	0.17	0.10	...	...	2	0.27	?	0.27	?	0.63	?
	Balasore	Akhyapada	...	...	...	0.89	0.34	0.12	...	3	1.35	?	1.35	?	2.77	?
		Chandbali										0.95		0.72		3.61
		Bhadrak	...	...	0.04	2.08	...	...	...	1	2.12	1.13	2.08	0.94	4.20	4.31
		Sorah	...	...	0.46	0.73	...	...	...	2	1.19	1.11	0.73	0.79	4.26	3.87
		Balasore										1.12		0.90		3.67
		Jellasore										1.55		1.53		3.31
		Baripodah										1.93		1.73		4.12
SOUTH-WEST BENGAL.	Midnapore	Contai	...	0.04	1.61	1.54	...	...	...	2	3.19	1.97	1.54	1.03	4.43	4.03
		Saugor Island	0.21	0.10	0.51	...	...	...	...	3	0.85	1.82	Nil	1.61	1.69	4.32
		Tamluk	0.86	0.04	1.34	0.20	...	...	0.10	4	2.54	1.66	0.30	1.51	3.64	4.06
		Midnapore	...	0.05	0.84	0.60	...	...	...	2	1.49	1.91	0.60	1.64	2.66	3.68
		Ghatal	0.91	...	0.14	0.18	...	...	...	3	1.21	2.61	0.18	2.30	3.62	4.34
		Kukrahaty	0.45	0.04	0.88	...	...	...	...	2	1.32	?	Nil	?	3.70	?
		Garhbeta	1.32	0.14	0.40	1.90	...	...	...	4	3.76	?	1.90	?	4.48	?
	24-Parganas	Diamond Harbour	0.88	0.15	0.40	...	...	...	...	3	1.43	1.08	Nil	1.50	4.34	3.84
		Canning Town	...	...	...	...	...	0.40	...	1	0.40	?	0.40	?	1.89	?
		Alipore Jail	0.59	...	0.04	...	...	...	...	1	0.63	1.90	Nil	1.57	4.15	4.92
		Barrackpore	...	...	...	...	...	...	...	Nil	Nil	[illegible]	Nil	2.17	2.02	5.26
		Dum-Dum	...	...	...	...	...	...	...	Nil	Nil	1.86	Nil	1.69	2.81	5.00
		Barasat	...	...	...	...	...	...	...	Nil	Nil	2.01	Nil	1.84	3.10	4.92
		Basirhat	...	0.06	0.74	...	...	...	...	1	0.80	2.50	Nil	2.25	2.76	5.83
	Howrah	Howrah	0.50	...	...	...	...	...	...	1	0.50	1.06	Nil	1.52	2.50	4.30
		Moheshrekha	[illegible]	0.08	0.35	0.12	...	...	0.01	3	1.53	2.15	0.10	2.03	2.82	4.52
		Uluberia	[illegible]	[illegible]	0.27	...	...	...	...	3	1.42		Nil		3.47	?
	Hooghly	Serampore	...	0.68	...	...	...	...	...	Nil	[illegible]	2.12	Nil	1.99	3.14	4.84
		Hooghly	0.28	0.10	0.92	...	...	...	...	3	1.30	1.79	Nil	1.52	3.11	4.67
		Jahanabad	0.14	0.19	...	0.41	...	...	...	3	0.74	2.23	0.41	2.12	4.69	4.55
	Burdwan	Kalna	...	[illegible]	...	...	...	...	0.22	2	1.17	1.92	0.22	1.75	2.68	4.18
		Burdwan	[illegible]	0.84	...	0.23	...	...	1.10	4	2.64	1.61	1.33	1.41	4.27	4.21
		Katwa	0.20	...	...	...	...	...	...	1	0.20	2.00	Nil	1.95	1.84	5.47
		Raniganj	0.08	...	...	0.16	...	...	...	1	0.24	1.58	0.16	1.07	2.77	3.02
		Mankur	0.44	...	...	0.83	...	...	...	2	1.27	?	0.83	?	2.02	?
	Bankura	Bankura	0.14	...	...	0.63	...	...	...	2	0.77	1.94	0.63	1.57	[illegible]	4.33
		Bishonpore	0.77	0.10	0.22	1.04	...	...	...	4	2.13	1.97	1.04	1.54	6.16	4.44
		Maliara	[illegible]	...	...	0.35	...	...	...	1	0.38	1.83	0.35	1.38	1.95	3.75
		Khatra	[illegible]	1.05	0.15	1.07	...	...	...	4	3.05	1.54	1.07	1.24	5.47	3.29
		Indas	0.63	0.29	...	0.55	...		...	3	1.47	?	0.55	?	5.30	?
		Kotalpore	0.47	...	...	0.90	...		...	2	1.37	?	0.90	?	2.79	?
		Anda	0.72	...	1.60	...	...	...	...	2	2.32	?	Nil	?	5.07	?
		Gangajalghati	...	...	...	0.62	...	...	...	1	0.62	?	0.62	?	3.12	?
		Raipore	...	0.37	0.72	0.98	...	...	0.20	4	2.27	?	1.18	?	3.49	?
		Sonamukhi	1.58	0.64	...	0.30	...	...	...	3	2.52	?	0.50	?	4.01	?
	Birbhum	Suri	0.24	...	...	0.02	...	...	...	1	0.26	1.46	0.02	1.17	2.17	3.65
		Hetampore	0.27	...	...	0.37	...	...	...	2	0.64	2.14	0.37	1.09	2.40	3.75
		Rampur Hát	...	...	1.14	0.16	...	...	...	2	1.30	1.41	0.16	1.18	2.23	3.75
		Nalpore	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1.59	?
		Murarai	...	...	1.50	...	...	...	...	1	1.50	?	Nil	?	4.75	?
	Nadia	Ranaghat	0.82	0.13	...	...	...	...	...	2	0.95	2.12	Nil	1.84	2.61	5.19
		Krishnagar	0.06	0.03	...	...	...	...	...	Nil	0.09	2.02	Nil	1.69	0.39	4.80
		Chuadanga	...	.96	0.71	...	...	...	...	2	1.67	[illegible]	Nil	1.68	4.10	6.54
		Meherpore	...	1.13	1.18	...	...	...	...	2	2.31	2.14	Nil	1.91	3.27	5.02
		Kushtia	...	...	0.75	...	...	...	...	1	0.75	3.19	Nil	2.08	4.08	7.38
	Khulna	Satkhira	...	...	0.05	0.08	...	...	...	Nil	0.13	2.41	0.08	2.17	2.46	5.30
		Bagerhat	...	...	1.09	...	0.29	...	...	2	[illegible]	3.50	0.29	3.13	[illegible]	6.58
		Khulna	...	...	...	...	...	...	...	Nil	Nil	2.77	Nil	2.42	3.02	5.59
		Nakipur	...	...	0.10	...	...	...	...	1	0.10	?	Nil	?	3.33	?
		Rampal	...	...	1.29	...	...	...	0.72	2	2.01	?	0.72	?	3.00	?
	Jessore	Narail	...	...	0.29	...	...	...	...	1	0.29	2.76	Nil	2.26	3.08	5.50
		Jessore	...	1.17	0.02	...	...	...	...	1	1.10	2.72	Nil	2.37	3.84	6.33
		Jhenidah	...	1.13	0.79	...	...	...	...	2	1.92	3.16	Nil	3.24	3.53	6.86
		Magura	...	...	0.68	...	...	...	...	1	0.68	2.57	Nil	2.22	3.90	6.51
		Paugaon	...	...	...	...	...	...	...	Nil	Nil	2.31	Nil	1.90	2.92	5.17
	Murshidabad	Kandi	...	...	0.14	...	...	...	...	1	0.14	1.36	Nil	1.40	1.32	4.35
		Berhampore	...	0.51	0.72	...	...	...	...	2	1.23	1.62	Nil	1.31	3.48	4.88
		Lalbagh	...	0.27	1.32	...	...	...	...	2	1.59	1.79	Nil	1.27	6.52	5.22
		Azimgunge	...	...	1.10	...	...	...	...	1	1.10	1.72	Nil	1.42	[illegible]	4.96
		Jangipur	...	...	0.93	...	...	...	...	1	0.93	1.27	Nil	0.99	3.71	4.41
		Lalgola	...	...	1.10	...	...	...	...	1	1.10	1.00	Nil	1.19	4.15	5.07
		Akhriganj	...	[illegible]	0.35	...	...	...	...	2	1.23	?	Nil	?	5.04	?
		Patkabari	...	0.30	1.50	...	...	...	...	2	1.80	?	Nil	?	2.50	?
EAST BENGAL	Chittagong	Cox's Bazar	0.49	...	3.82	0.01	...	...	[illegible]	3	4.47	6.64	0.16	5.73	5.38	12.34
		Chittagong	...	...	0.35	...	...	...	0.08	1	0.43	5.78	0.08	4.33	1.54	11.16
		Kutubdia	0.03	...	1.90							?		?		?
		Satkania	...	...	1.15							?		?		?
	Chittagong Hill Tracts.	Rangamati	...	...	3.09	...	1.60	0.87	...	3	5.56	4.40	2.47	3.61	8.34	9.44
		Bundarban	...	...	0.77							?		?		?
	Backergunge	Patuakhali	...	0.04	0.17	...	...	...	...	1	0.21	5.43	Nil	4.60	1.11	10.28
		Pirojpur	...	...	[illegible]	...	...	...	...	1	0.56	3.93	Nil	3.50	2.10	7.80
		Barisal	...	...	1.05	...	...	...	...	1	1.05	3.57	Nil	3.14	2.30	7.58
		Gournaddi	...	...	0.08	...	...	0.12	...	2	0.80	?	0.12	?	2.54	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 4th of June 1892—contd.

Meteorological division.	District.	Station.	Sunday, 29th May.	Monday, 30th May.	Tuesday, 31st May.	Wednesday, 1st June.	Thursday, 2nd June.	Friday, 3rd June.	Saturday, 4th June.	Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th May 1892.	Average rainfall from 16th May to date.
			RAINFALL.							TOTAL—						
EAST BENGAL—concld.		Bhola	...	...	0·40	...	0·14	0·07	0·07	2	0·68	4·85	0·28	3·83	0·99	8·97
		Daulatkhan ...	...	...	0·09	...	...	...	...	Nil	0·09	?	Nil	?	3·93	?
		Bauphal ...	...	...	...		...	...	...	Nil	Nil	?	Nil	?	5·15	?
	Noakhali ...	Noakhali ...	...	...	1·32		...	...	0·80	2	2·12	5·68	0·81	4·63	4·36	10·97
		Fenny ...	0·22	...	2·40	...	...	...	0·50	2	3·12	6·44	0·50	5·17	7·19	12·07
		Harishpore ...	...	...	1·75							?		?		?
		Ramganj ...	...	...	1·07	...	...	0·11	...	2	1·18	?	0·11	?	2·19	?
	Faridpur ..	Madaripur ...	...	...	0·94	...	...	...	...	1	0·94	3·36	Nil	2·94	4·10	7·53
		Faridpur ...	...	...	0·80	...	...	...		1	0·80	3·03	Nil	2·64	5·73	8·15
		Goalundo ..	...	...	0·64	...	...	...	0·06	1	0·70	2·62	0·06	2·25	5·16	6·34
	Dacca* ..	Monshiganj ...	...	...	1·55	...	...		...	1	1·55	3·42	Nil	2·65	4·49	7·81
		Dacca ...	...	...	1·73	...	...	...	...	1	1·73	3·01	Nil	2·08	6·65	7·09
		Narainganj ...	...	...	2·40	...	...		...	1	2·45	1·99	Nil	1·68	5·63	5·50
		Manikganj ...	0·11		1·15		...	...	...	2	1·26	2·27	Nil	2·07	4·58	6·15
		Joydebpore ...	...	0·03	1·64	...	...	...	...	1	1·67	?	Nil	?	4·92	?
	Hill Tippera Tippera	Agartola ...	0·43	...	3·47	...			...	2	3·90	2·56	Nil	2·09	7·24	7·34
		Comilla ...	...	...	1·63	...	...	0·24	0·02	2	1·89	4·16	0·26	3·46	6·25	9·44
		Chandpore ...	0·74	...	1·28	...	...	0·18	...	3	2·20	3·56	0·18	2·85	7·18	7·19
		Brahmanbaria	0·24	...	3·55	...	...		...	2	3·79	3·45	Nil	2·90	7·72	8·19
		Ramchandrapore ...										?		?		?
		Nasirnagar .	1·10	...	...	...	...	...	...	1	1·10	?	Nil	?	3·70	?
		Daudkandi ...										?		?		?
		Kasba ...										?		?		?
		Laksham ...	2·09									?		?		?
	Mymensingh	Kishoregunge	1·92	...	0·85	...	...	...	...	2	2·77	3·94	Nil	3·59	12·78	9·10
		Atia (*Tangail*)	...	0·02	1·05	...	...	...	...	1	1·07	3·05	Nil	2·69	6·29	6·49
		Mymensingh ...	1·28	0·01	0·70	0·04	1·47	.	0·03	3	3·53	4·65	1·54	3·89	12·73	10·87
		Jamalpur	0·62	...	0·43	0·11	..	..	...	3	1·16	3·05	0·11	2·65	6·24	7·49
		Netrokona	3·90	...	1·49	..	...	..	...	2	5·39	4·30	Nil	4·12	15·36	11·18
		Subornakhally	...	0·48	0·21	0·18	...	...	...	3	0·87	?	0·18	?	4·27	?
		Durgapore ...	...	..	2·35	..	0·10					?		?		?
		Sherepore Town	0·27	...	0·90	0·45	...	.	0·31	4	1·93	?	0·76	?	9·07	?
		Dewanganj ...	0·56	0·54	1·46	..	...	0·27				?		?		?
NORTH BENGAL.	Pabna ...	Pabna	...	...	1·51	...	...	...	..	1	1·51	3·00	Nil	2·03	4·97	6·68
		Sirajganj ...	1·02	0·07	0·41	...	...	...	..	2	1·50	2·16	Nil	1·90	6·84	6·62
	Bogra ..	Sherepore .	0·50	...	0·40	0·87	.	.	...	3	1·77	2·16	0·87	1·94	5·38	7·69
		Nowkhilla .	1·43	0·05	0·44	0·80		0·09	..	3	2·81	2·61	0·89	2·21	6·38	7·25
		Bogra .	1·06	..	0·62	0·83	..	1·62	..	4	4·13	2·73	2·45	2·18	7·56	8·31
		Panchbibi	0·58	...	0·23	2·11	1·00	..	...	4	3·92	2·57	3·11	2·01	6·24	7·51
	Rajshahi ...	Boalia	...	0·18	0·75	...	...	.	...	2	0·93	2·81	Nil	2·22	3·65	5·38
		Nator	...	...	1·64	0·15	...	.	...	2	1·79	2·16	0·15	1·83	7·71	5·34
		Naogaon .	...	...	0·70	1·90	...	...	..	2	2·60	1·72	1·90	1·55	5·09	6·29
		Lalpore ..	...	.	0·52		...	...	...	1	0·52	.	Nil	?	5·12	?
		Manda ...	...	...	1·15	1·29	...	...	...	2	2·44	.	1·29	?	4·29	?
	Malda	Malda	...	0·01	0·17	1·10	...	...	...	2	1·28	1·69	1·10	1·40	2·03	4·25
		Chanchal ...	...	..	...	0·73	...	...	..	1	0·73	1·63	0·73	1·47	2·04	4·32
		Gajol ...	...	..	0·11	1·17	...	0·80	...	3	2·08	?	1·97	?	3·95	?
		Nibganj ..	...	...	0·43	0·39	...	...	...	2	0·82	?	0·39	?	4·51	?
	Dinajpur	Mohadebpore	0·95	...	0·87	3·10	...	...	...	3	4·92	2·89	3·10	2·56	5·50	7·29
		Churamon ..	...	...	...	0·55	...	...	..	1	0·55	2·40	0·55	1·83	2·76	5·46
		Raiganj	0·34	..		0·12			..	2	0·46	1·94	0·12	1·65	3·40	5·76
		Dinajpur	0·88	..	0·30	1·30	0·72	0·18	1·79	6	5·17	2·35	3·99	1·76	5·95	7·01
		Balloorghat ...	...		0·16	0·14	.	...	..	2	1·40	2·01	0·94	1·67	2·01	7·65
		Thakoorgaon	...	0·32	...	1·64	0·28	..	...	3	2·24	?	1·92	?	8·39	?
	Rangpur .	Bhawanigunge (*Gyabanda*)	0·16	...	1·50	1·00	0·20	0·35		5	2·71	3·31	1·55	2·64	11·02	8·48
		Rangpur	0·94	...	0·33	0·56	1·16	..	1·37	5	4·26	3·50	2·59	2·94	13·00	10·31
		Kurigram ...	...	0·03	1·34	1·50	0·01	..	0·86	3	5·72	5·57	2·36	4·70	9·44	13·82
		Nagdoar (*Nilphamari*)	0·04	0·24	0·12	0·42	0·20	..	...	4	1·02	3·25	0·62	3·04	10·07	11·71
		Ulipore	0·64		2·31	1·89	1·30	..		4	6·14	?	3·19	?	17·73	?
	Jalpaiguri ..	Jalpaiguri ..	0·96	0·56	1·14	0·01	0·07	..	0·03	3	2·79	5·53	0·11	5·03	23·51	13·51
		Alipore Dooars	1·00	0·83	.	1·20	...	..	0·31	4	4·34	?	2·51	?	22·34	?
		Fallacotta ...	...	1·61	0·17	...	...	...	.	2	1·78	?	Nil	?	20·84	?
		Debiganj	0·11	0·32	0·21	2·64	...	...	1·53	5	4·81	?	4·20	?	12·03	?
		Bhagatpore (Nagrakatta)	1·09	1·03	2·90	...	...	...	2·25	4	7·27	?	2·25		30·08	
	Kuch Bihár	Dinhatta	0·39	0·07	0·70	0·97	.	..	0·34	5	3·07	7·24	1·31	6·02	29·39	16·17
		Kuch Bihár	4·26	1·32	1·37	0·07	...		2·74	5	10·33	8·85	3·41	7·92	32·50	17·09
		Mickilgunge ...	0·24	0·75	0·31	0·14	...	...	0·19	5	1·63	5·27	0·63	4·52	20·12	13·41
		Mathabhanga	0·25	0·88	0·62	0·29	..		1·68	5	3·63	5·79	1·88	5·08	19·87	13·87
	Darjeeling Hill.	[illegible]	0·52	1·48	0·57	..	0·04	1·27	0·53	5	4·41	8·19	1·64	7·52	25·19	19·98
		Siliguri	...	1·24	0·10			..	0·04	2	1·38	3·18	0·04	3·32	11·24	10·42
		Darjeeling	0·11	0·16	...	0·34	0·47	.		4	1·08	3·18	0·81	2·58	9·09	8·01
		Kalimpong	0·27	1·18	..			...	0·06	2	1·51	2·05	0·06	1·63	7·10	4·70
		Kurseong ...	...	0·60	...	0·23	0·10	0·10	0·09	4	1·15	?	0·52	?	7·70	?
NORTH	Purnea .	Kishanganj ...	...	0·35	0·50	0·56	...	...	...	3	1·41	2·17	0·56	2·09	5·43	6·17
		Araria	..	0·13	..	...	...	...	..	1	0·13	1·05	Nil	1·00	3·98	4·23
		Purnea	0·80	...	0·49	...	...	1·62	..	3	2·82	1·58	1·62	1·25	5·14	4·31
		Gondwara (Korah) ...	..	...	0·19	...	...	...	...	1	0·19	?	Nil	?	2·74	?
		Barsoe ...	0·40	...	0·18	0·24	...	0·07	0·29	4	1·18	?	0·60	?	4·04	?
		Forbesganj .	1·12	...	...	...	1·06	..	0·02	2	2·20	?	1·08	?	6·43	?
		Kattagachi	...	0·80	0·43	0·04	...	0·50	0·45	4	2·22	?	0·99	?	10·78	?
	North Bhágalpur.	Madhipura ...	...	...	...	...	...	.		Nil	Nil	0·77	Nil	0·66	1·70	2·72
		Bongaon										?		?		
		Supaul ..	...	...	...	...	...		..	Nil	Nil	0·69	Nil	0·52	2·42	2·86
		Protabganj ..	0·22	0·70	...	...	...	0·23	...	3	1·15	?	0·23	?	4·14	.
	Darbhanga	Tajpur	...	...	...	...	...		...	Nil	Nil	0·55	Nil	0·40	0·50	1·57
		Darbhanga ...	...	...	...	...	...	...	...	Nil	Nil	0·51	Nil	0·48	1·97	1·53
		Madhubani ...	...	0·68	...	...	...	.	...	1	1·68	0·93	Nil	0·74	1·84	2·19
		Bahera	...	.	..	...	...	...	...	Nil	Nil	?	Nil	?	0·69	?
		Rosera .	...	0·07	...	...	...	..	...	Nil	0·07	?	Nil	?	0·07	?
	Muzaffarpur...	Sitamarhi ...	...	0·03	...	...	...	...	...	Nil	0·03	0·83	Nil	0·82	1·26	2·12
		Muzaffarpur	...	...	...	...	...	...	...	Nil	Nil	0·55	Nil	0·53	0·73	1·93
		Hajipur	...	...	...	...	...	..	..	Nil	Nil	0·37	Nil	0·35	0·26	1·43
		Paru .	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	1·35	?
		Mahua .	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·38	?
		Siuhar ..	...	...	...	...	...	...	...	Nil	Nil	?	Nil	?	0·90	?
		Pupri ...	0·25	...	...	...	...	0·75	...	2	1·00	?	0·75	?	1·43	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 4th of June 1892—*concld.*

Meteorological division.	District.	Station.	Rainfall. Sunday, 29th May.	Monday, 30th May.	Tuesday, 31st May.	Wednesday, 1st June.	Thursday, 2nd June.	Friday, 3rd June.	Saturday, 4th June.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th May 1892.	Average rainfall from 16th May to date.
NORTH BIHÁR—*concluded.*	Champaran ..	Motihari	......	0·45	......	......	0·25	......	......	2	0·70	0·70	0·25	0·71	8·50	2·35
		Bettiah	......	......	......	......	0·04	......	......	Nil	0·04	0·96	0·04	0·89	1·21	2·28
		Bagaha ...	......	......	......	0·11	......	......	......	1	0·11	?	0·11	?	0·98	?
		Hurhurwa	......	......	......	......	......	......	......	1	0·15	?	Nil	?	0·57	?
	Saran ...	Gopalgunge ...	......	......	......	......	......	......	......	Nil	Nil	1·06	Nil	0 98	0·90	2·.5
		Siwán	......	......	......	......	......	0·11	......	1	0·11	0·72	0·11	0·69		1·65
		Chapra ...	......	......	......	......	......	......	......	Nil	Nil	0·36	Nil	0·34	1·22	1 33
SOUTH BIHÁR	Shahabad ...	Buxar ...	......	......	......	......	......	......	......	Nil	Nil	0·24	Nil	0·22	0·15	0 67
		Dehri ...	......	......	......	......	......	......	......	Nil	Nil	0·10	Nil	0 10	0·14	1 24
		Bhabhua ...	......	......	......	......	......	......	......	Nil	Nil	0·21	Nil	0·19	0·29	0 82
		Sasaram ...	......	......	......	......	......	......	......	Nil	Nil	0·17	Nil	0·15	Nil	0 89
		Arrah ...	......	......	......	......	......	0·55	0·10	2	0·65	0·41	0·65	0·40	1·35	1·58
		Mohaniah	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Ageaon ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rammagor ...	......	......	......	......	......	......	0·30	1	0·30	?	0·30	?	0 30	?
		Koath ...	......	......	......	......	......	......	0·25	1	0·25	?	0·25	?	0·84	?
		Sikroul ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Bassowan ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Monaharpur	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
	Gaya	Aurangabad ...	......	0·01	......	......	......	......	......	Nil	0·01	0·39	Nil	0·30	0·03	1 71
		Gaya ...	......	......	......	......	......	......	......	Nil	Nil	0 31	Nil	0·29	0·57	1 71
		Nawádah ...	......	0·29	......	......	......	......	......	1	0·29	0·37	Nil	0·34	0·38	1·83
		Jahánabad ...	......	......	......	......	......	0·19	......	1	0·19	0·27	0·19	0 24	0·19	1·73
		Arwal .	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Daudnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Sherghatti ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	Nil	?
		Rajauli ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·07	?
		Pakri Barawan	......	......	0·15	......	......	......	......	1	0·15	?	Nil	?	0·15	?
	Patna	Patna ..	......	......	......	......	......	......	......	Nil	Nil	0·52	Nil	0 49	0·45	1·99
		Dinapore .	......	......	......	......	......	......	......	Nil	Nil	0·25	Nil	0·22	0·21	1·40
		Bihar ...	......	......	0·30	......	......	......	......	1	0·30	0·27	Nil	0·24	0·40	1 87
		Barh ...	......	......	......	......	......	......	0·20	1	0·20	0·39	0·20	0·29	0·20	1·74
		Bickram ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·20	?
		Hilsa ..	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·80	?
	Monghyr ..	Begusarai ...	......	......	......	......	......	1·22	......	1	1·22	0 53	1·22	0·45	1·49	1·82
		Monghyr	......	......	......	......	......	0·46	......	1	0·46	0·91	0·46	0·82	0·76	2·50
		Jamui ...	......	......	......	......	......	......	......	Nil	Nil	0 46	Nil	0·41	1·15	1·77
		Gogri ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·15	?
		Sheikpura ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·15	?
	South Bhágalpur	Bhágalpur ..	......	......	......	......	......	......	......	Nil	Nil	1·01	Nil	0·86	0·33	2·50
		Banka .	......	......	0·02	......	......	......	......	Nil	0·02	1·01	Nil	0·89	1·10	2·53
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0 54	?
	Sonthal Parganas.	Rajmahal ...	......	0·05	0·29	0·60	......	0·78	......	3	1·72	1·20	1·38	1·11	2·13	4 03
		Godda ..	......	......	0·58	......	......	0·30	......	2	0·88	0·80	0·30	0·75	1·61	3·06
		Pakour	......	......	0·52	......	......	......	......	1	0 52	1·70	Nil	1·15	3·75	4·89
		Naya Dumka	......	0 48	0 31	......	......	......	......	2	0·79	1·43	Nil	1·19	2·62	3·44
		Deoghur	......	0·10	......	......	......	......	......	1	0 10	1·05	Nil	0·89	0·96	2·65
		Jamtara ...	0·50	0·02	......	......	......	......	......	1	0 52	1·15	Nil	0 77	2·58	3·93
		Mohagama ..										?		?		?
		Nanthat ...										?		?		?
CHOTA NAGPUR.	Hazáribágh	Pachamba (*Giridi*). ...	......	0·13	......	......	......	0·01	......	1	0·14	1·08	0·01	0·85	1·18	2 71
		Hazáribágh	......	......	......	......	0·15	......	0·11	2	0 26	0·92	0·24	0·63	1·14	2·53
		Semtaguran	......	......	......	......	......	0·50	......	1	0·50	0·87	0·50	0·57	1·70	2·49
		Mahudi Hills										0 91		0·67		2·51
		Jhoomra Hills										0 84		0·53		2·47
		Barhi ...	0·29	......	......	......	......	......	0·04	1	0·33	?	0·04	?	0·70	?
		Chatra ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·25	?
		Karagdeha	......	......	0·10	......	0·23	......	......	2	0·33	?	0·23	?	1·20	?
		Ramghar ..										?		?		?
	Lohardaga .	Lohardaga ...	......	......	......	0·40	0·07	0·49	......	2	0 91	0·41	0·91	0·35	1·36	2·21
		Ranchi ...	......	......	......	......	0 35	......	......	1	0·35	1·38	0 35	1·30	1·46	3·27
		Silli .										?		?		?
	Palámau ...	Palámau	......	......	......	......	......	......	......	Nil	Nil	0·55	Nil	0·51	0·16	1·64
		Balumat	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·22	?
		Hosseinabad	......	......	......	......	......	1·03	......	1	1·03	?	1·03	?	2·03	?
		Garwah ...	......	......	......	......	......	......	......	Nil	Nil	?	Nil	?	0·15	?
	Singbhum ...	Chaibassa	......	......	......	......	......	......	......	Nil	Nil	1·11	Nil	0·95	2·19	3·43
		Chakradharpore.										?		?		?
		Ghatsilla	......	......	......	0·80	......	......	......	1	0·80	?	0 80	?	2·64	?
		Baharagura	......	......	......	1·52	......	......	......	1	1·52	?	1·52	?	2·91	?
	Manbhum	Purulia ...	......	......	0·02	0·08	......	......	......	1	0·70	?	0·08	?	1·82	?
		Gobindpur	0·54	......	......	......	......	......	......	1	0·54	1·17	Nil	0·97	1·49	2·88
		Raghunathpore	0·70	......	......	0·58	......	......	......	2	1·28	1·33	0·58	1·14	2·49	2·56
		Barrabhum	......	......	0·52	1·58	......	......	......	2	2·10	?	1·58	?	2·60	?
		Jhalda ..	......	......	......	0·90	......	......	......	1	0·90	?	0·90	?	1·92	?
		Chas	......	......	......	0·50	......	......	......	1	0·50	?	0·50	?	2·33	?
		Pandra ...	0·13	0·14	......	......	......	......	......	2	0·27	?	Nil	?	0·99	?

Explanation.— .....indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the 7th June* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 4TH OF JUNE 1892.

On the 29th of May, or at the commencement of the present week, pressure was below the normal at all stations, the defect ranging from about a twentieth of an inch in the south of the province to a tenth of an inch at Gaya, and nearly a tenth of an inch at Sibsagar. This low pressure over Bihár rather enhanced the usual tendency for a circulation of winds to set up over the west of the province, and winds varied from south-westerly at some of the south-western stations, through southerly in South Bengal and south-easterly in East Bengal, to easterly in the north of the province. The general weather conditions in the province continued somewhat disturbed, and local storms with rain were rather numerous in South-West and North Bengal on this day. These conditions continued practically unchanged on the 30th, and again a few local storms with rain occurred in the same districts. On the 31st the barometric changes were small and variable, and the general meteorological conditions remained unchanged. On this day the number of local storms with rain reported was decidedly larger, and almost every station in East and North Bengal and a good many stations in South-West Bengal reported rain. On June 1st a moderate rise of pressure commenced over the province, and pressure became above the normal at all except the western stations, and the local storms with rain reported on this day were mainly confined to Orissa, South-West Bengal and parts of North Bengal. On the 2nd a further rapid increase of pressure had taken place, the increase over a large area exceeding a tenth of an inch, and at some stations equalling 0·14". This increase was largest at the north-western stations, and caused an entire change in the distribution of pressure, which became about a sixth of an inch in excess of the normal in the north and centre of the province, and about a seventh above it elsewhere. This increase again continued on the 3rd, and over a considerable portion of the province pressure became from a fifth to a quarter of an inch above the normal, but on the 4th, or the last day of the week, a reaction set in and pressure began to fall moderately to rapidly. From the 2nd, however, with the rapidly increasing pressure, the local storms with rain, which had previously been so frequent, almost entirely ceased, and from the 2nd to the 4th the whole province was to a great extent rainless except for a few local showers in Orissa, North Bengal and Bihár.

In the centre and south of the Bay the south-west monsoon current has been blowing pretty steadily throughout the week, and at one time it appeared almost as if the current had drifted well into the north of the Bay, and on the 1st of June the meteorological observer at Akyab reported that the monsoon had broken at that station. Immediately, however, pressure commenced to rise rapidly in Bengal and to become in excess of the normal as it did from about the 2nd, conditions became unfavourable for any further northerly advance of the monsoon winds towards Bengal, and hence at the close of the week conditions were not so favourable for the setting in of the rains in Bengal as they had been at the commencement.

Pressure.—Owing to the very high pressure obtaining during the second half of the week, the mean pressure has been in excess of the normal for the week in all districts. This excess generally varies from 0·04" to 0·07," but it is smallest in Bihár and in the western districts generally, where at the commencement of the week pressure was very defective.

Temperature.—The temperature was usually moderate in the first half of the week, but it rose very considerably in the second half. The mean temperature for the week has been fairly normal in Orissa, South-West and North Bengal, and North Bihár, but, on the other hand, it has been from 1° to 2° above it in Assam, East Bengal, and Chota Nagpur, and in South Bihár it has been 4·1° above it. For the whole of the province of Bengal the mean temperature has been about one degree in excess of the normal.

Rainfall.—The falls in East and North Bengal have averaged from two to three inches, and those in South-West Bengal about an inch. In the other districts the falls have been much smaller, and have only equalled from about a third to half an inch. In all districts the falls have been rather largely in defect of the normal, in most cases only equalling about fifty per cent. of the ordinary amounts.

The falls, however, in such smaller districts as 24-Parganas, Howrah, Hooghly, Jessore, Khulna, Backergunge, Darbhanga, Champaran, Gaya, Patna, &c., have been even smaller than represented by the above figures, and in such districts as Muzaffarpur, Saran, and Singhbhum, rainfall has been practically absent.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 4th of June 1892:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.						RAINFALL.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th May 1892.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	107·9	72·8	93·1	80·8	87·0	+0·5	0·56	1·16	—0·60	1·27	1·48	—0·21	0·47	0·94	1·56	3·31
South-West Bengal ...	103·4	70·1	95·7	77·2	86·5	—0·8	1·05	2·08	—1·03	1·65	2·32	—0·67	0·20	1·79	3·39	4·86
East Bengal	93·6	70·6	90·2	77·5	83·9	+1·7	2·22	3·96	—1·74	2·00	3·26	—1·26	0·25	3·34	6·27	8·64
North Bengal	100·0	69·1	90 6	74·4	82·5	—0·5	2·68	3·40	—0·72	3 20	2·86	+0·34	1·39	2·90	9·55	8·88
North Bihar	107·7	68·8	95·4	76·6	86·0	0	0·33	0·86	—0·53	0·62	1·11	—0·49	0·13	0·78	1·97	2·60
South Bihar	111·4	68·8	103·3	81·2	92·3	+4·1	0·33	0·64	—0·31	0·79	1·02	—0·23	0·20	0·54	0·96	2·16
Coota Nagpur	108·8	71·4	101·8	78·0	89·0	+2·0	0·50	0·96	—0·46	1·10	1·36	—0·26	0·20	0·80	1·47	2·61
Assam	94·5	71·3	89·2	75·5	82·4	+1·0										

METEOROLOGICAL OFFICE, BENGAL,
The 7th June 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of May 1892.

	Inches.	Date.	Hour.
The mean pressure of the month	29·630		
The average pressure of May from 24 years' registers ...	29·656		
The highest pressure in the month	29·864	3rd	10
The lowest pressure in the month	29·437	22nd	16
The range of pressure	0·427		
	Hours.		
The total number of hours of bright sunshine during the month	217·0		
The maximum possible number of hours of sunshine ...	408·3		
	ϴ		
The mean temperature of the month	87·1		
The average temperature of May from 24 years' registers ...	86·1		
The highest temperature in the month	97·9	4th.	
The lowest temperature in the month	71·0	27th & 28th.	
The range of temperature during the month	26·9		
The mean daily range of temperature	16·3		
The greatest range of temperature in one day	23·8	28th.	
	Per cent.		
The mean humidity of the month	75		
The average humidity of May from 24 years' registers ...	73		
	Inches.		
The mean vapour tension of the month	0·956		
The average vapour tension of May from 9 years' registers ...	0·933		
The mean cloud proportion of the month	4·32		
The average cloud proportion of May from 15 years' registers ...	4·52		
The total rainfall of the month	4·29		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground)	4·12		
The average fall of May from 48 years' registers	5·40		
The greatest fall in 24 hours	1·22	28th.	
	Days.		
The number of rainy days in the month	10		
The average number of rainy days in May from 24 years' registers	13		
The mean maximum equilibrium temperature of solar radiation during the month	ϴ 150·1		
The mean difference of sun and air temperatures	55·1		
The greatest sun temperature	158·1	13th.	
The greatest excess of sun over air temperature	60·9	24th.	
The mean temperature of the nocturnal radiation thermometer on woollen cloth	76·8		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground	2·2		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature	4·4	12th.	
	Miles		
The mean movement of the wind per day	202·3		
The greatest movement of the wind in one day	398·0	22nd.	
The greatest movement of the wind in one hour	22·0	22nd	7 to 8 P.M.

The number of hours with winds from each of the 8 points—

N. 6, N.E. 7, E. 25, S.E. 83, S. 393, S.W. 207, W. 12, N.W. 8, Calm 3.

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park Street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore ·003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 0·5° higher; and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0·6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

J. H. GILLILAND,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 6th June 1892.

Abstract of the Results of the Barometric and Thermometric Observations taken at 10 a.m. at the Meteorological Office, Chowringhee, in the month of May 1892.

		Inches.	Date.
The mean pressure at 10 A.M. during the month	... ...	29·691	
The mean temperature at 10 A.M. during the month ...	...	88·3°	
The highest temperature during the month ...	...	100·0	2nd & 4th.
The lowest temperature during the month ...	...	72·6	28th.
The absolute range of temperature during the month ...	...	27·4	
The mean daily range of temperature during the month	...	17·9	
The greatest range of temperature in one day during the month	...	23·7	11th.
The mean 10 A.M. humidity during the month ...	...	68 %	
The mean 10 A.M. vapour tension during the month ...	...	1·014 inch.	
The total rainfall of the month	...	4 82	
The greatest fall in 24 hours	...	1·20	
The number of rainy days in the month	...	8	

J. H. GILLILAND,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
The 6th June 1892.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 29th May to 4th June 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature. Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Hygrometry. Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	Rainfall past 24 hours.
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
May ...	29th ...	29·622	84·9	95·0	20 2	74·8	92·6	85·6	1·133	83·1	74	0 38
" ...	30th ...	·655	86·9	97·0	20·2	76·8	90·9	84·5	1·099	82·1	76	...
" ...	31st ...	·664	83·4	90·0	13·2	76·8	86·6	78·5	·867	74·9	69	0·03
June ...	1st ...	·693	84·7	94·0	18·7	75·3	89·6	79·5	·872	75·1	63	...
" ...	2nd ...	·764	87·9	97·0	18·2	78·8	91·4	81·5	·937	77·2	64	...
" ...	3rd ...	·815	88·0	97·0	18·0	79·0	91·1	81·0	·923	76·8	63	...
" ...	4th ...	·732	87·8	96·8	18·0	78·8	90·4	81·5	·955	77·8	67	...

The mean 10 A.M. pressure of the seven days ...	... ...	29·706 inches.
The mean temperature of the seven days ...	... ...	86·2°
The extreme variation of temperature ...	... ...	22·2
The maximum temperature	... ...	97 0
The mean 10 A.M. relative humidity of the seven days ...	...	68 %
The total fall of rain from 29th May to 4th June 1892 ...	...	0·41 inches.

The daily mean temperatures are the crude means of maximum and minimum temperatures.

J. H. GILLILAND,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
The 6th June 1892.

Results of the Meteorological Observations taken at the Alipore Observatory from 29th May to 4th June 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature.				Hygrometry.				Wind.		Rain.	Weather.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension	Dew point.	Humidity.	Prevailing direction	Miles recorded.		
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
May	29th	146·5	8·9	29·567	84·7	93·2	19·4	73·8	79 5	0·945	77·5	79	SSW and variable	205	0·36	Partially cloudy, o, g, p.
,,	30th	152·8	7·1	·579	86·4	94·6	17·9	76·7	81·3	1 006	79·4	80	S and variable ...	172	0·02	Partially cloudy, o, g, d.
,,	31st	135·4	0·4	·604	82·2	87·2	11·0	76·2	76·4	0·835	73·8	76	Variable ...	122	0·02	Chiefly cloudy o, d.
June	1st	152·0	8·0	·628	84·3	92·0	17 1	74 9	77·1	·837	73·9	71	SSW and variable	86	Nil	Partially cloudy
,,	2nd	154·3	8·8	·716	86·6	95·1	17·2	77·9	79·7	·924	76·8	74	S by E, SSE, and S by W.	72	,,	Partially cloudy, ⌓.
,,	3rd	151·5	9 9	·748	87·2	95·0	16·7	78·3	78·5	·859	74·6	66	SSE and S by E	113	,,	Partially cloudy,
,,	4th	155·7	9·2	·691	86·2	94·1	15·3	78·8	78·7	·881	75·4	70	S by E, SSW, and variable.	121	,,	Partially cloudy.

	Inches.
The mean pressure of the seven days	29·648
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·582
	Hours.
The total number of hours of bright sunshine	52·3
The maximum possible number of hours of sunshine	93·6
	°
The mean temperature of the seven days	85·4
The average temperature of the corresponding period for 24 years, S.-G.'s Office	86·6
The extreme variation of temperature	21·3
The maximum temperature	95·1
	Miles.
The highest velocity of the wind in one hour	14
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	74
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	76
	Inches.
The total fall of rain from 29th May to 4th June 1892.	0·40
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	1·53
The total fall from 1st January to 4th June 1892	5·98
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	10·43

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; d, drizzling rain; p, passing temporary showers; ⌓, dew.

J. H. GILLILAND,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Calcutta, the 6th June 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 14th May 1892.

1	2	3			4			5			6	7							8							9	10		11		12
		POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.				Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
DISTRICTS.	NAMES OF MUNICIPALITIES.	Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan ...	Burdwan	18,063	16,017	34,080	2	5	*7*	3·1	7·6	*10·7*	40	...	3	12	3	...	5	*23*	...	4·6	18·3	4·6	...	7·6	*35·1*	44·2	12	11	34·5	35·7	96
	Raniganj	6,246	4,691	10,937	8	10	*18*	38·0	47·5	*85·6*	80	12	...	4	...	...	5	*21*	57·0	...	19·0	...	...	23·8	*99·8*	76·1	14	7	116·6	77·6	150
Bankura ...	Bankura	8,970	8,925	17,895	6	6	*12*	17·4	17·4	*34·9*	100	...	...	1	2	...	1	*4*	...	..	2·9	5·8	...	2·9	*11·6*	17·4	2	2	11·6	11·7	100
Birbhum ...	Suri	3,982	3,866	7,848	...	3	*3*	...	19·9	*19·9*	No male birth.	2	...	1	...	1	...	*4*	13·3	...	6·6	...	6·6	...	*26·5*	33·1	3	1	39·2	13·5	290
Midnapore ...	Midnapore ...	16,927	16,633	33,560	8	5	*13*	12·4	7·7	*20·1*	160	37	...	7	3	...	2	*49*	57·3	...	10·8	4·6	...	3·1	*75·9*	37·2	27	22	82·9	68·8	120
Hooghly, including Serampore.	Hooghly and Chinsura.	15,858	15,829	31,687	12	7	*19*	19·7	11·5	*31·2*	171	16	...	23	1	...	6	*46*	26·3	...	37·7	1·6	...	9·8	*75·5*	50·9	30	16	98·4	52·6	187
	Serampore ...	13,559	12,937	26,496	4	7	*11*	7·9	13·7	*21·6*	57	17	...	9	6	...	2	*34*	33·3	...	17·7	11·8	...	3·9	*66·7*	72·6	20	14	76·7	56·3	136
	Utterpara	3,046	2,464	5,510	3	1	*4*	28·3	9·4	*37·7*	300	1	...	2	2	...	...	*5*	9·4	...	18·9	18·9	...	...	*47·2*	66·1	4	1	68·3	21·1	323
Howrah ...	Howrah	53,153	37,660	90,813	29	18	*47*	16·6	10·3	*26·9*	161	52	...	18	6	...	9	*85*	29·8	...	10·3	3·4	...	5·2	*48·7*	37·2	52	33	50·9	45·6	111
	Bally	7,836	6,979	14,815	2	2	*4*	7·0	7·0	*14·0*	100	2	...	4	...	...	1	*7*	7·0	...	14·0	...	....	3·5	*24·6*	52·6	4	3	26·5	22·4	118
24-Parganas	Cossipore-Chitpur	16,080	10,214	26,294	5	5	*10*	9·9	9·9	*19·8*	100	3	...	5	1	...	1	*10*	5·9	...	9·9	2·0	...	2·0	*19·8*	13·8	6	4	19·4	20·4	95
	Manicktolla ...	16,536	12,112	28,648	2	4	*6*	3·6	7·3	*10·9*	50	10	...	2	1	...	4	*17*	18·2	...	3·6	1·8	...	7·3	*30·9*	10·9	13	4	40·9	17·2	237
	Baranagore ...	15,920	14,062	29,982	7	2	*9*	12·1	3·5	*15·6*	350	17	...	7	...	...	1	*25*	29·5	...	12·1	..	...	1·7	*43·4*	31·2	17	8	55·5	29·6	187
	South Suburban	26,400	25,258	51,658	7	4	*11*	7·0	4·0	*11·1*	175	10	...	11	2	...	2	*25*	10·1	..	11·1	2·0	...	2·0	*25·2*	25·2	12	13	23·6	26·8	88
Nadia ...	Krishnagar ...	13,263	14,214	27,477	4	6	*10*	7·5	11·3	*18·9*	66	...	...	4	...	...	2	*6*	...	...	7·5	...	...	3·8	*11·3*	34·1	2	4	7·8	14·6	53
	Ranaghat	4,028	4,655	8,683	1	4	*5*	6·0	23·9	*29·9*	25	1	...	2	...	...	1	*4*	6·0	...	11·9	...	...	6·0	*23·9*	18·0	2	2	25·8	23·3	115
	Santipur	13,708	15,979	29,687	6	8	*14*	10·5	14·0	*24·5*	75	...	...	10	...	...	1	*11*	...	...	17·5	...	...	1·7	*19·3*	26·3	9	2	34·1	6·5	52
Jessore ...	Jessore	4,830	3,665	8,495	2	...	*2*	12·2	...	*12·2*	No female birth.	1	...	2	...	...	2	*5*	6·1	...	12·2	...	...	12·2	*30·6*	36·7	4	1	43·1	14·2	303
Murshidabad	Berhampore ...	11,657	11,948	23,605	3	6	*9*	6·6	13·2	*19·8*	50	...	...	9	...	...	2	*11*	...	...	19·8	...	...	4·4	*24·2*	50·7	10	1	44·6	4·4	1,013
	City Murshidabad	18,901	20,330	39,231	3	6	*9*	4·0	7·9	*11·9*	50	6	...	11	...	1	...	*18*	7·9	...	14·6	...	1·3	...	*23·9*	42·4	10	8	27·5	20·5	134
Khulna ...	Khulna	3,249	3,043	6,292	3	2	*5*	24·8	16·5	*41·3*	150	7	...	...	...	...	...	*7*	57·9	...	...	...	...	...	*57·9*	33·0	4	3	64·0	51·3	124
Dinajpur ...	Dinajpur	7,254	5,306	12,560	2	2	*4*	8·3	8·3	*16·6*	100	...	...	7	...	..	1	*8*	...	...	20·0	...	...	4·1	*33·1*	49·7	6	2	43·0	19·6	219

Rajshahi ...	Rampur Boalia ...	10,766	9,025	19,791	1	1	*2*	2·6	2·6	*5·3*	100	1	...	4	...	...	...	*5*	2·6	...	10·5	...	...	...	*13·1*	18·4	3	2	14·5	11·5	126
Rangpur ...	Rangpur	8,011	5,309	13,320	...	...	...	...	...	...	...	...	...	1	...	...	...	*1*	...	...	3·9	...	...	...	*3·9*	39·0	1	...	6·5	...	No female death.
Bogra ...	Bogra	3,480	2,699	6,179	...	3	*3*	...	25·2	*25·2*	No male birth.	...	...	3	...	...	2	*5*	...	...	25·2	...	...	16·8	*42·1*	50·5	5	...	74·7	...	Ditto.
Pabna ...	Pabna	7,701	7,566	15,267	3	1	*4*	10·2	3·4	*13·6*	300	6	...	12	...	...	1	*19*	20·4	...	40·9	...	...	3·4	*64·7*	47·7	8	11	54·1	75·6	71
	Sirajganj	11,213	9,824	21,037	6	1	*7*	14·8	2·5	*17·3*	600	...	...	1	...	...	2	*3*	...	...	2·5	...	...	4·9	*7·4*	27·2	2	1	9·3	5 3	175
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	1	1	*2*	7·4	7·4	*14·8*	100	...	...	1	2	...	2	*5*	...	...	7·4	14·8	...	14·8	*37·0*	23·2	4	1	45·4	21·3	213
Jalpaiguri ...	Jalpaiguri ...	4,972	2,975	7,947	1	...	*1*	6·5	...	*6·5*	No female birth.	...	...	3	...	...	...	*3*	...	...	19·6	...	...	...	*19·6*	15·2	3	...	31·4	...	No female death.
Dacca ...	Dacca	42,782	37,379	80,161	13	16	*29*	8·4	10·4	*18·8*	81	1	19	24	1	1	15	*61*	·6	12·3	15·6	·6	·6	9·7	*39·6*	25·9	32	29	38·9	40·3	96
	Naraingaunj ...	7,605	4,956	12,561	5	1	*6*	20·7	4·1	*24·8*	500	...	...	1	...	...	2	*3*	...	...	4·1	...	...	8·3	*12·4*	12·4	1	2	6·8	21·0	33
Faridpur ...	Faridpur ...	5,663	4,600	10,263	3	3	*6*	15·2	15·2	*30·4*	100	...	...	4	...	...	...	*4*	...	...	20·3	...	...	...	*20·3*	25·3	3	1	27·5	11·3	243
Backergunge ...	Barisal	8,701	4,485	13,186	4	4	*8*	15·7	15·7	*31·5*	100	2	...	3	...	...	3	*8*	7·9	...	11·8	...	...	11·8	*31·5*	27·6	5	3	29·9	34·8	86
Mymensingh ...	Nasirabad ...	10,443	4,413	14,856	2	2	*4*	7·0	7·0	*14·0*	100	...	...	...	...	...	1	*1*	...	...	...	...	...	3·5	*3·5*	14·0	...	1	...	11·8	No male death.
Chittagong ...	Chittagong ...	13,340	8,790	22,130	8	5	*13*	18·8	11·7	*30·5*	160	13	...	7	...	...	1	*21*	30·5	...	16·4	...	...	2·3	*49·3*	47·0	15	6	58·5	35·5	165
Noakhali ...	Sudharam ...	3,410	1,714	5,124	1	...	*1*	10·1	...	*10·1*	No female birth.	6	...	4	...	1	1	*12*	60·9	...	40·6	...	10·1	10·1	*121·8*	50·7	9	3	137·2	91·0	150
Tippera ...	Comilla	8,153	5,353	13,506	2	3	*5*	7·7	11·5	*19·2*	66	...	...	2	...	...	3	*5*	...	...	7·7	...	...	11·5	*19·2*	46·2	5	...	31·9	...	No female death.
Patna ...	Patna City ...	78,762	81,475	160,237	22	24	*46*	7·1	7·8	*14·9*	91	38	3	50	13	2	13	*119*	12·3	1·0	16·2	4·2	·6	4·2	*38·6*	42·8	55	64	36·3	40·8	88
	Bihár	23,799	25,172	48,971	16	13	*29*	17·0	13·8	*30·8*	123	1	...	9	1	1	2	*14*	1·1	...	9·5	1·1	1·1	2·1	*14·9*	28·7	6	8	13·1	16·5	79
	Dinapore	25,424	26,801	52,225	7	8	*15*	7·0	7·9	*14·9*	87	9	...	13	3	...	2	*27*	9·0	...	12·9	3·0	...	2·0	*26·9*	11·9	16	11	32·7	21·3	153
Gaya ...	Gaya	38,290	37,831	76,121	18	13	*31*	12·3	8·9	*21·2*	138	7	4	51	7	1	8	*78*	4·8	2·7	34·8	4·8	·7	5·5	*53·3*	43·0	45	33	61·1	45·4	134
Shahabad ...	Arrah	20,960	22,505	43,465	13	10	*23*	15·5	11·9	*27·5*	130	...	...	17	2	...	5	*24*	...	...	20·3	2·4	...	6·0	*28·7*	27·5	9	15	22·3	34·6	61
	Buxar	9,299	8,369	17,668	3	4	*7*	8·8	11·8	*20·6*	75	10	...	11	...	...	3	*24*	29·4	...	32·4	...	...	8·8	*70·6*	100·0	10	14	55·9	67·0	64
Muzaffarpur ...	Muzaffarpur ...	23,084	19,658	42,742	16	13	*29*	19·5	15·8	*35·3*	123	47	...	21	1	...	7	*76*	57·2	...	25·5	1·2	...	8·5	*92·5*	71·8	42	34	94·6	89·9	105
Darbhanga ...	Darbhanga ...	33,774	32,322	66,096	28	20	*48*	22·0	15·7	*37·8*	140	138	...	17	13	1	21	*190*	108·6	...	13·4	10·2	·8	16·5	*149·5*	123·5	97	93	149·3	149·6	100
Saran ...	Chapra	25,116	26,554	51,670	9	9	*18*	9·0	9·0	*18·1*	100	2	...	16	4	...	12	*34*	2·0	...	16·1	4·0	...	12·1	*34·2*	32·2	15	19	31·1	37·2	53
Champaran ...	Motihari	6,328	3,979	10,307	...	...	...	...	...	...	...	5	...	2	...	...	...	*7*	25·2	...	10·1	...	...	...	*35·3*	166·5	3	4	24·7	52 3	211
Monghyr ...	Monghyr	28,154	29,366	57,520	13	12	*25*	11·8	10·8	*22·6*	108	...	...	13	5	...	7	*25*	...	...	11·8	4·5	...	6·3	*22·6*	33·4	14	11	25·9	19·5	132
	Jamálpur ...	7,456	6,107	13,563	3	6	*9*	11·5	23·0	*34 5*	50	...	...	3	...	...	1	*4*	...	...	11·5	...	...	3·8	*15·3*	38·3	2	2	13·9	17·0	81
Bhágalpur ...	Bhagalpur ...	34,916	33,322	68,238	20	8	*28*	15·2	6·1	*21·3*	250	5	...	35	8	1	5	*54*	3·8	...	26·7	6·1	·8	3·8	*41·2*	45·7	32	22	47·7	34·3	139
Purnea ...	Purnea	8,463	6,553	15,016	1	..	*1*	3·4	...	*3·4*	No female birth.	...	...	6	...	...	...	*6*	...	...	20·8	..	...	...	*20·8*	24·2	3	3	18·4	23·8	77
Malda ...	English Bazar ...	6,289	6,141	12,430	1	1	*2*	4·2	4·2	*8·4*	100	...	...	8	...	...	3	*11*	...	...	33·5	...	...	12·5	*46·0*	41·8	7	4	57·9	33·9	170
Sonthal Parganas.	Deoghur	4,964	3,041	8,005	2	2	*4*	13·0	13·0	*26·0*	100	...	..	3	...	...	2	*5*	..	...	19·5	...	...	13·0	*32 5*	39·0	3	2	31·4	34·2	92
Cuttack ...	Cuttack	22,632	20,607	43,239	9	9	*18*	10·8	10·8	*21·6*	100	...	...	6	1	...	9	*16*	...	...	7·2	1·2	...	10·8	*19·2*	14·4	10	6	23·0	15·1	152
Puri ...	Puri	13,247	11,537	24,784	7	6	*13*	12·6	14·7	*27·3*	116	5	...	3	2	...	8	*18*	10·5	...	6·3	4·2	...	16·8	*37·8*	33·6	10	8	39·3	36·1	108
Balasore ...	Balasore	10,282	9,983	20,265	8	4	*12*	20·5	10·3	*30·8*	200	14	...	3	1	...	2	*20*	35·9	...	7·7	2·6	...	5·1	*51·3*	102·6	9	11	45·5	57·3	79
Hazáribagh ...	Hazáribágh ...	7,639	7,667	15,306	9	5	*14*	30·6	17·0	*47·6*	180	...	...	8	1	...	...	*9*	...	...	27·2	3·4	...	...	*30 6*	44·2	4	5	27·2	33·9	80
Lohardaga ...	Ranchi	10,101	8,342	18,443	5	3	*8*	14·1	8·4	*22·5*	166	...	3	4	3	1	1	*12*	...	8·4	11·3	8·4	2·8	2·8	*33·8*	33·8	9	3	46·3	18·7	247
Singbhum ...	Chaibassa	3,126	2,880	6,006	4	2	*6*	34·6	17·3	*51·9*	200	...	...	2	...	...	1	*3*	...	..	17·3	...	...	8·6	*26·0*	26·0	3	...	49·9	...	No female death.
Manbhum ...	Purulia	5,060	4,244	9,304	3	4	*7*	16·8	22·3	*39·1*	75	2	...	1	1	...	1	*5*	11·1	...	5·6	5·6	...	5·6	*27·9*	53·9	5	2	30·8	24·5	125
	Total ...	897,450	812,770	1,710,220	386	330	*716*	11·7	10·0	*21·8*	117	506	32	523	96	11	194	*1,362*	15·4	1·0	15·9	2·9	·3	5·9	*41·4*	41·1	766	596	44·4	38·1	116

DISTRICTS.	NAMES OF MUNICIPALITIES.	13. Mortality according to— Class. Deaths among— Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	14. Ratio per 1,000 of population per annum. Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	15. Age. Deaths. Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	16. Ratio per 1,000 of population per annum. Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	15	8	...	...	...	32·9	40·5	...	...	5	1	1	4	...	4	3	2	2	1	333·9	23·0	22·3	82·6	...	26·3	22·6	23·5	42·4	35·1
	Raniganj	...	16	5	...	...	...	93·2	141·3	...	...	4	5	...	1	2	3	1	3	...	2	885·1	264·2	...	57·1	127·1	64·4	24·2	124·7	...	249·4
Bankura ...	Bankura	...	4	...	...	...	...	12·3	...	...	...	1	...	1	...	...	...	...	...	...	2	109·9	...	23·0	...	...	...	...	...	...	104·7
Birbhum ...	Suri	...	3	1	...	...	...	26·7	26·1	...	...	...	...	1	...	...	1	...	1	...	1	...	...	62·4	...	...	36·8	...	59·0	...	108·8
Midnapore ...	Midnapore ...	...	33	16	...	...	...	66·2	115·2	...	...	3	5	8	6	5	10	5	3	1	3	210·0	110·5	111·0	102·6	82·3	70·8	46·9	41·9	25·2	85·2
Hooghly, including Serampore.	Hooghly and Chinsura.	...	32	14	...	...	...	65·8	118·1	...	...	3	2	2	2	5	5	10	5	8	4	194·3	46·9	36·0	41·9	103·6	41·9	91·1	62·3	160·0	100·3
	Serampore	...	32	2	...	...	...	65·9	110·9	...	...	1	8	2	2	2	4	9	2	3	1	73·2	230·5	41·4	46·8	47·6	38·6	94·1	30·8	61·5	37·4
	Utterpara	...	5	...	...	...	...	48·8	...	...	...	...	1	1	...	1	1	1	...	...	...	...	123·5	111·6	...	118·2	45·2	49·0	...	...	...
Howrah ...	Howrah	1	62	22	...	...	27·5	47·3	55·8	...	...	11	7	6	3	5	10	18	8	6	11	277·3	65·7	49·6	23·7	35·5	22·9	48·0	35·4	56·8	152·5
	Bally	...	7	...	...	...	...	27·1	...	...	...	...	1	...	...	...	2	1	...	1	2	...	52·1	...	...	...	31·1	18·6	...	49·6	142·1
24-Parganas	Cossipore-Chitpur	...	8	2	...	...	...	22·8	13·2	...	...	...	3	1	...	...	2	1	...	...	3	...	170·9	66·3	...	...	10·9	8·1	...	...	333·3
	Manicktola ...	...	14	3	...	...	...	43·5	13·6	...	...	4	...	3	1	3	1	1	1	1	2	3,354·8	...	963·0	44·6	82·0	6·4	6·4	11·5	32·0	109·8
	Baranagore ..	...	22	3	...	...	...	44·4	37·6	...	...	4	4	3	2	1	4	1	5	1	...	307·2	101·3	62·6	44·4	22·7	33·5	8·9	63·1	25·1	...
	South Suburban	...	14	11	...	...	...	23·0	29·4	...	...	2	5	3	1	3	3	4	1	3	...	78·4	54·7	30·7	10·9	35·3	15·4	24·1	8·8	47·1	...
Nadia ...	Krishnagar ...	...	5	1	...	...	...	14·0	6·3	...	...	2	...	...	...	...	1	...	1	2	...	209·7	...	...	...	...	10·8	...	15·9	49·4	...
	Ranaghat	...	4	...	...	...	...	28·4	...	...	...	1	...	...	...	...	...	2	...	1	...	251·2	...	...	...	...	...	83·4	...	71·8	...
	Santipur ...	...	8	3	...	...	...	20·1	17·4	...	...	5	...	...	...	...	...	3	...	...	3	307·7	...	...	...	...	...	36·0	...	...	79·4
Jessore ...	Jessore	...	4	1	...	...	...	46·1	13·6	...	...	...	...	...	...	...	2	...	1	2	...	...	...	...	...	...	51·6	...	49·5	184·7	...
Murshidabad.	Berhampore ...	...	9	2	...	...	...	25·8	20·0	...	...	2	1	...	...	...	1	1	2	2	2	275·9	32·6	...	...	...	11·7	11·7	30·2	55·3	65·1
	City Murshidabad	...	11	7	...	...	...	25·3	23·0	...	...	...	2	1	...	...	2	2	5	3	3	...	42·2	15·1	...	...	14·2	14·3	44·4	48·9	50·4
Khulna ...	Khulna	...	7	...	...	...	...	114·1	...	...	...	...	1	2	2	1	...	1	...	...	...	...	65·2	131·6	143·8	100·4	...	68·0	...	...	...
Dinajpur ...	Dinajpur	...	4	4	...	...	...	34·3	32·5	...	...	2	...	...	...	1	1	2	2	...	...	504·9	...	...	...	51·2	19·3	42·0	66·3	...	...
Rajshahi ...	Rampur Boalia ...	...	2	3	...	...	...	10·5	15·9	...	...	1	...	...	...	1	1	1	1	...	...	128·1	...	...	...	31·3	12·5	14·4	21·2	...	...
Rangpur ...	Rangpur	...	...	1	...	...	...	...	7·8	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	47·0	...	...	...	...	...	...
Bogra ...	Bogra	...	3	2	...	...	...	56·5	30·8	...	...	...	1	1	...	...	...	2	...	...	1	...	101·2	74·3	...	...	...	97·3	...	...	165·6

District	Town	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Pabna ...	Pabna ...	...	9	10	...	...	...	65·6	64·2	...	...	2	6	1	...	2	1	2	1	2	2	262·0	214·0	30·8	...	34·6	17·9	41·7	30·5	102·9	104·5
	Sirajganj	...	2	1	...	...	...	12·1	4·2	...	...	2	...	1	...	...	...	...	...	...	...	192·9	...	17·0	...	...	...	...	...	...	...
Darjeeling ...	Darjeeling	...	1	...	4	...	...	11·3	...	125·9	...	...	...	...	2	...	2	1	...	...	...	...	...	...	213·1	...	52·0	36·3	...	...	...
Jalpaiguri ...	Jalpaiguri	...	...	3	...	...	...	...	42·8	...	...	1	1	...	1	...	...	...	...	...	...	353·7	70·6	...	72·0	...	...	...	...	...	...
Dacca ...	Dacca ...	...	29	32	...	...	...	37·4	42·3	...	...	10	17	7	5	3	7	4	3	1	4	274·0	119·9	36·7	32·7	21·4	23·8	17·8	18·6	11·0	87·3
	Narainganj	...	1	2	...	...	...	8·2	16·9	...	...	1	2	...	...	...	...	...	...	...	...	186·4	91·2	...	...	...	...	...	...	...	...
Faridpur ...	Faridpur	...	3	1	...	...	...	29·2	10·7	...	...	...	1	...	...	...	1	1	1	...	...	...	41·7	...	...	...	28·0	35·6	44·6	...	...
Backergunge...	Barisál ...	...	5	3	...	...	...	43·0	22·8	...	...	2	1	1	...	...	1	...	1	1	1	530·6	61·1	48·0	...	...	16·4	...	34·2	58·3	91·7
Mymensingh ...	Nasirabad	...	...	1	...	...	...	...	7·3	...	...	1	...	...	...	...	...	...	...	...	...	235·3	...	...	...	...	...	...	...	...	...
Chittagong ...	Chittagong	...	4	17	...	...	...	35·8	57·8	...	...	2	3	3	1	2	4	5	...	...	1	184·7	79·3	62·4	20·2	43·0	44·9	77·9	...	...	65·3
Noakhali ...	Sudharam	...	1	11	...	...	...	20·3	226·3	...	...	...	1	2	...	3	1	3	1	...	1	...	146·1	212·2	...	252·4	44·4	178·7	101·8	...	263·6
Tippera ...	Comilla ...	...	2	3	...	...	...	17·5	21·2	...	...	3	...	1	...	...	...	1	...	...	...	625·3	...	31·9	...	...	...	26·1	...	...	...
Patna ...	Patna City	...	55	64	...	...	...	24·0	81·4	...	...	11	19	14	6	7	14	9	15	9	15	132·7	67·7	43·2	21·7	32·6	25·3	20·1	41·4	33·1	56·5
	Bihár ...	...	13	1	...	...	...	20·1	3·4	...	...	2	4	2	...	1	...	...	...	1	4	70·0	35·9	17·2	...	17·4	...	...	...	14·4	57·8
	Dinapore ...	...	22	5	...	...	...	29·7	22·2	...	...	...	7	3	2	2	3	3	5	...	2	...	65·9	24·8	20·1	30·3	17·0	20·6	45·9	...	25·3
Gaya ...	Gaya ...	...	39	19	...	...	...	51·1	61·5	...	...	14	13	4	4	4	7	2	7	9	14	406·7	106·4	29·7	30·2	39·7	24·7	8·2	37·2	71·2	141·4
Shahabad ...	Arrah ...	...	19	5	...	...	...	31·9	21·0	...	...	6	5	1	...	2	5	...	1	...	4	242·2	58·7	10·1	...	33·0	33·1	...	11·1	...	72·1
	Buxar ...	...	21	3	...	...	...	78·5	43·4	...	...	4	1	1	1	2	4	1	5	3	2	501·2	30·2	25·3	28·3	95·1	65·1	17·1	122·5	141·7	96·1
Muzaffarpur ...	Muzaffarpur	...	63	13	...	...	...	109·1	54·2	...	...	15	12	6	11	2	10	6	6	3	5	816·8	154·4	60·3	144·6	34·3	60·6	44·7	62·3	48·0	106·8
Darbhanga ...	Darbhanga	1	120	60	...	...	460·2	138·5	177·6	...	...	13	41	29	19	2	33	11	19	13	10	434·2	280·1	192·8	177·8	25·9	128·8	51·3	132·7	154·1	162·8
Saran ...	Chapra ...	...	29	5	...	...	...	35·0	21·8	...	...	7	8	...	1	1	3	3	...	...	11	258·0	66·8	...	10·4	15·0	16·9	20·0	...	...	168·1
Champaran ...	Motihari ...	...	6	1	...	...	...	44·5	18·8	...	...	...	2	...	...	...	1	1	...	1	2	...	105·9	...	...	...	25·8	35·1	...	55·7	171·3
Monghyr ...	Monghyr ...	1	20	4	...	...	218·5	23·3	16·5	...	...	6	4	1	1	...	2	3	1	1	6	210·1	33·4	7·4	9·1	...	16·1	17·5	8·2	13·1	87·0
	Jamálpur	...	4	...	...	...	...	21·2	...	...	...	2	2	...	...	...	...	...	...	...	...	293·0	68·3	...	...	...	...	...	...	...	...
Bhágalpur ...	Bhágalpur	...	47	7	...	...	...	50·0	19·3	...	...	10	14	3	4	5	1	4	3	7	3	362·4	112·2	22·1	28·6	52·6	4·0	19·0	20·4	71·8	36·3
Purnea ...	Purnea ...	...	6	...	...	...	...	34·0	...	...	...	1	1	1	...	...	...	1	1	1	...	183·7	43·0	32·9	...	...	...	18·2	28·0	55·5	...
Malda ...	English Bazar	...	5	6	...	...	...	35·8	60·6	...	...	...	1	1	1	1	2	2	2	1	...	...	54·6	34·6	42·1	48·9	45·3	48·4	70·7	69·5	...
Sonthal Parganas.	Deoghur ...	...	5	...	...	...	...	35·7	...	...	...	1	...	...	...	...	...	2	1	1	...	400·0	...	...	...	...	...	64·8	55·5	104·2	...
Cuttack ...	Cuttack ...	1	12	3	...	...	28·1	18·6	20·2	...	...	5	...	...	...	...	2	3	1	1	4	253·4	...	...	...	...	11·9	25·5	11·5	16·9	70·5
Puri ...	Puri ...	...	18	...	...	...	...	38·2	...	...	...	3	...	...	...	2	2	4	1	4	2	514·9	...	...	...	55·9	19·7	51·3	15·6	93·2	57·6
Balasore ...	Balasore ...	...	13	7	...	...	...	40·1	118·6	...	...	2	1	3	2	3	3	2	1	3	1	196·6	27·9	61·0	54·0	60·8	38·2	35·5	23·4	121·8	44·0
Hazáribágh ...	Hazáribágh	...	9	...	...	...	...	42·5	...	...	...	...	3	1	...	...	3	...	1	1	...	...	85·7	25·9	...	...	59·3	...	31·9	49·0	...
Lohardaga ...	Ranchi ...	...	7	4	...	1	...	39·5	38·6	...	22·0	4	1	1	1	...	1	2	2	...	...	442·6	28·2	23·5	25·7	...	13·6	33·9	57·3	...	...
Singhbhum ...	Chaibassa ...	...	3	...	...	...	...	30·5	...	...	...	2	...	...	...	...	...	1	...	...	...	642·0	...	...	...	...	...	45·6	...	...	...
Manbhum ...	Purulia ...	1	3	1	...	...	204·8	20·0	41·7	...	...	...	...	1	1	...	...	3	...	...	...	...	...	47·1	58·0	...	...	92·0	...	...	...
	TOTAL ...	5	940	403	4	1	16·4	41·4	42·4	101·0	10·9	188	218	124	89	73	171	149	132	99	135	239·3	76·4	36·5	29·5	29·3	25·8	26·0	31·7	42·7	68·1

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 6th June 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.,*

Sanitary Commissioner for Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 4th June 1892, as compared with the corresponding week of the previous year.

Nature of Cargo.		Week ending Saturday, the 4th June 1892.			Week ending Saturday, the 6th June 1891.	
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	239	95,250	1,533	225	65,825	1,066
Jute	3	750	7	24	12,125	267
Firewood	108	55,225	820	83	55,150	787
Other articles	893	2,00,945	3,059	796	2,26,120	3,460
Total ...	1,243	3,52,170	5,419	1,128	3,59,220	5,580

BENGAL CENTRAL RAILWAY.

Abstract of principal commodities carried over the Bengal Central Railway during the month of March 1892, as compared with the same month of the previous year.

Staples.	1892.		1891.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1892.	1891.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal	1,976	57	1,538	2	2,075*	2,208*	467	......
Cotton, twist and yarn—								
1.—European								
2.—Indian								
Cotton piece-goods—								
1.—European—								
a.—In bales and bundles	314	......	270	......	314	270	44	......
b.—In boxes								
2.—Indian—								
a.—In bales and bundles								
b.—In boxes								
Grains—								
2.—Rice	48	428	34	109	476	143	333	......
5.—Others	54	490	38	311	544	349	195	......
Hides and skins—								
1.—Hides of cattle—								
a.—Dressed								
b.—Undressed								
2.—Skins of sheep, &c.,—	......	31	......	41	31	41	......	10
a.—Dressed								
b.—Undressed								
Jute—								
1.—Raw—								
b.—Unscrewed	......	4	......	292	4	202	......	288
2.—Gunny-bags and cloth	20	1	16	......	21	16	5	......
Metals—								
1.—Copper, unwrought								
2.—Brass, unwrought								
3.—Brass and copper, wrought	60	5	48	55	65	103	......	38
4.—Iron								
5.—Tin								
6.—Others								
Oils—								
2.—Kerosine	178	......	103	......	178	103	75	......
3.—Others	176	......	81	......	176	81	95	......
Oil-seeds—								
1.—Linseed								
2.—Rape and mustard								
3.—Til or gingelly								
4.—Niger	124	380	81	6,490	504	6,571	......	6,067
5.—Castor								
6.—Poppy								
7.—Others								
Provisions—								
2.—Betel-nuts	......	1,067	......	928	1,076	928	148	
3.—Others	336	117	190	29	513	219	294	......
Railway plant and rolling-stock	......	......	......	......	553†	204†	349	......
Salt	278	......	230	......	278	239	39	......
Sugar—								
1.—Drained	163	1,361	137	1,354	1,524	1,491	33	......
2.—Undrained								
Tobacco	42	61	51	43	103	94	9	......
All other articles of merchandise—								
1.—Unmanufactured	1,060	536	1,488	420	1,596	1,908	......	312
2.—Manufactured								
Total ...	4,829	4,607	4,314	10,074	10,631	15,260	2,086	6,715

* Includes 642 tons and 608 tons of coal during 1892 and 1891, respectively, carried for Revenue, for which no "Up" and "Down" register maintained.

† Railway plant and rolling-stock 553 tons and 204 tons for the years 1892 and 1891, respectively, for which no "Up" and "Down" register maintained.

Statement of principal commodities carried on the Bengal Central Railway during the month of March 1892.

INCREASES.

	Tons.
Coal	467

Due to ordinary fluctuations.

DECREASES.

	Tons.
Oil-seeds	6,067

Jhikargacha, Bongong and Jessore show a marked decrease, said to be due to lesser production.

The increases and decreases in other commodities are due to ordinary fluctuations of traffic and call for no special remarks.

CALCUTTA, *the* 21*st May* 1892.

P. BARCLAY,
Traffic Superintendent.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 28th May 1892, on 1,552¾ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic or the week ...	268,876	2,63,472 5 0	35,20,978 10	8,67,007 14 0	21,056 13 0	11,51,537 0 0	71,283¾	161,737½	233,021
Or per mile of railway	......	169 10 11	......	558 5 11	13 8 11	741 9 9	......	......	....
For previous 20 1/7 weeks of half-year	5,842,736	63,51,676 7 0	5,90,47,794 0	1,46,49,717 1 8	3,76,173 8 9	2,13,77,567 1 5	1,545,781½	2,391,485½	3,937,266¾
Total for 21 1/7 weeks ...	6,111,612	66,15,148 12 0	6,34,68,772 10	1,55,16,724 15 8	3,97,230 5 9	2,25,29,104 1 5	1,617,065½	2,663,222½	4,170,287¾
Comparison.									
Total for corresponding week of previous year	276,920½	2,70,605 13 1	32,40,631 10	7,48,527 14 11	15,245 13 6	10,34,379 9 6	73,024	120,754	193,778
Per mile of railway corresponding week of previous year ...	......	177 6 2	......	490 10 10	9 15 11	678 0 11	......	......	.. ...
Total for corresponding 21 1/7 weeks of previous year ...	6,098,447½	70,30,445 0 8	6,07,30,939 20	1,46,56,488 8 2	4,59,592 14 8	2,21,46,526 7 6	1,598,630	2,272,591	3,871,230

PATNA-GAYA STATE RAILWAY.

Approximate Return of Traffic for week ended 28th May 1892, on 57½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	12,353	5,368 11 0	51,292 30	3,270 13 0	54 0 0	8,713 8 0	1,625	1,280	2,905
Or per mile of railway	216	94 3 4	896 30	57 2 11	0 15 1	152 5 4	......	......	......
For previous 20 1/7 weeks of half-year	306,255	1,58,402 14 0	13,48,048 30	79,654 13 0	995 9 3	2,39,053 4 3	34,274	19,074	53,348
Total for 21 1/7 weeks ...	318,608	1,63,791 9 0	13,99,341 20	82,925 10 0	1,049 9 3	2,47,766 12 3	35,899	20,354	56,253
Comparison.									
Total for corresponding week of previous year	13,816	6,008 10 1	55,158 0	3,107 11 0	64 15 3	9,181 4 4	1,724	670	2,394
Per mile of railway corresponding week of previous year ...	242	105 0 9	964 20	54 5 3	1 2 2	160 8 2	......	......	......
Total for corresponding 21 1/7 weeks of previous year ...	374,767	2,08,714 9 7	10,93,662 20	75,560 2 0	1,210 7 6	2,85,485 3 1	34,305	17,722	52,527

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 28th May 1892, on 22½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	18,823	4,574 8 0	10,784 30	451 14 0	11 0 0	5,037 6 0	875	153	1,028
Or per mile of railway	......	205 9 7	......	20 4 11	0 7 11	226 6 5	......	......	......
For previous 20 1/7 weeks of half-year	464,728	1,21,026 9 0	3,49,459 30	12,393 9 9	218 0 9	1,33,638 3 6	18,101	2,124	20,225
Total for 21 1/7 weeks ...	483,551	1,25,601 1 0	3,60,244 20	12,845 7 9	229 0 9	1,38,675 9 6	18,976	2,277	21,253
Comparison.									
Total for corresponding week of previous year	18,716½	4,750 9 9	10,278 30	382 12 0	10 11 9	5,144 1 6	873	95	968
Per mile of railway corresponding week of previous year...	......	213 8 2	......	17 3 3	0 7 8	231 3 1	......	......	......
Total for corresponding 21 1/7 weeks of previous year ...	533,856	1,43,113 13 5	3,00,365 30	10,342 7 0	224 10 3	1,53,680 14 8	19,823	2,245	22,068

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 28th May 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	15,798	11,291 0 0	66,631 0	9,038 13 0	91 0 0	20,420 13 0	6,488	1,964½	8,452½
Or per mile of railway	......	69 11 2	......	55 12 8	0 9 0	126 0 10	......	......	......
For previous 20¾ weeks of half-year	335,002	2,52,104 6 0	9,04,236 10	1,69,346 3 0	1,471 15 9	4,22,922 8 9	125,233	43,417½	168,650½
Total for 21¾ weeks ...	350,800	2,63,395 6 0	9,70,867 10	1,78,385 0 0	1,562 15 9	4,43,343 5 9	131,721	45,382	177,103
Comparison.									
Total for corresponding week of previous year	15,016½	11,911 3 10	80,380 0	10,604 0 0	38 1 9	22,553 5 7	6,837	1,615	8,452
Per mile of railway corresponding week of previous year ...	......	73 8 5	......	65 7 4	0 3 9	139 3 6	......	......	......
Total from 1st March to corresponding period 13 weeks of previous year	211,403½	1,77,674 6 10	4,64,357 0	1,00,571 5 3	751 5 9	2,78,997 1 10	86,660	21,211	107,871

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Bihár Sections.)

Approximate Return of Traffic for week ended 28th May 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	a159,631	85,240 0 0	6,16,314 0	79,810 0 0	21,120 0 0	1,86,170 0 0	27,918	28,113	56,031
Or per mile of railway	205	110 0 0	793 0	103 0 0	†19 0 0	232 0 0	......	......	......
For previous 20 weeks of half-year*	3,412,464	16,66,939 0 0	1,18,19,433 0	16,24,221 0 0	2,82,259 0 0	35,73,419 0 0	554,638	585,117	1,139,755
Total for 21 weeks ...	3,572,095	17,52,179 0 0	1,24,35,747 0	17,04,031 0 0	3,03,379 0 0	37,59,589 0 0	582,556	613,230	1,195,786
Comparison.									
Total for corresponding week of previous year	152,644	70,292 0 0	6,96,661 0	90,811 0 0	23,828 0 0	1,84,931 0 0	26,500	32,749	59,249
Per mile of railway corresponding period of previous year ...	197	90 0 0	897 0	117 0 0	†11 0 0	218 0 0	......	......	......
Total to corresponding date of previous year	3,907,662	22,10,726 0 0	1,48,23,629 0	26,45,505 0 0	5,16,091 0 0	53,72,322 0 0	575,882	798,669	1,374,551

a Due to movement of troops.
* Audited up to week ending 9th April 1892.
† Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 28th May 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	27,229	10,290 0 0	53,708 0	3,220 0 0	50 0 0	13,560 0 0	3,350	2,419	5,769
Or per mile of railway ...	218	82 0 0	430 0	26 0 0	......	108 0 0	......	......	......
For previous 20 weeks of half-year*	600,618	2,14,658 0 0	11,65,385 0	73,901 0 0	1,969 0 0	2,90,528 0 0	74,402	40,779	115,181
Total for 21 weeks ...	627,847	2,24,948 0 0	12,19,093 0	77,121 0 0	2,019 0 0	3,04,088 0 0	77,752	43,198	120,950
Comparison.									
Total for corresponding week of previous year	26,718	9,255 0 0	58,756 0	3,614 0 0	42 0 0	12,911 0 0	3,225	2,447	5,672
Per mile of railway corresponding week of previous year ...	214	74 0 0	470 0	29 0 0	......	103 0 0	......	......	......
Total to corresponding date of previous year	654,292	2,79,418 0 0	14,99,888 0	90,229 0 0	1,456 0 0	3,71,103 0 0	76,098	47,660	123,758

* Audited up to week ending 9th April 1892.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 28*th May* 1892, *on* 86 *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic or the week ...	15,682	4,910 0 0	17,189 0	690 0 0	120 0 0	5,720 0 0	2,629	615	3,244
Or per mile of railway	182	57 0 0	200 0	8 0 0	2 0 0	67 0 0	......	......	......
For previous 20 weeks of half-year*	340,907	1,10,103 0 0	2,59,179 0	20,353 0 0	3,089 0 0	1,33,545 0 0	50,610	14,730	65,340
Total for 21 weeks ...	356,589	1,15,013 0 0	2,76,368 0	21,043 0 0	3,209 0 0	1,39,265 0 0	53,239	15,345	68,584
Comparison.									
Total for corresponding week of previous year	15,765	4,624 0 0	30,143 0	1,234 0 0	254 0 0	6,112 0 0	2,403	701	3,104
Per mile of railway corresponding period of previous year ...	183	54 0 0	350 0	14 0 0	3 0 0	71 0 0	......	......	......
Total to corresponding date of previous year	392,678	1,35,171 0 0	6,29,009 0	54,378 0 0	4,051 0 0	1,93,600 0 0	53,529	23,863	77,398

* Audited up to week ending 9th April 1892.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhut State Railway.)

Approximate Return of Traffic for the week ending 21*st May* 1892, *on* 755 *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Coaching.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 755 miles open	103,180	43,250	5,17,960	82,080	18,560	1,43,890	11,451	27,256	38,707
Or per mile of railway	136·66	57·28	686·04	108·72	24·58	190·58	......	......	......
For previous 19¾ weeks of half-year (a)	1,819,745	8,01,320	79,81,177	11,26,728	2,26,942	21,54,990	234,177	378,904	613,081
Total for 20¾ weeks ..	1,922,925	8,44,570	84,99,137	12,08,808	2,45,502	22,98,880	245,628	406,160	651,788
Comparison.									
Total for corresponding week of previous year on 712 miles open	111,381	42,494	4,35,593	63,156	12,644	1,18,294	11,215	22,272	33,487
Per mile of corresponding week of previous year	156·43	59·68	611·79	88·70	17·76	166·14	......	......	......
Total to corresponding date of previous year	2,004,120	8,53,530	87,06,081	12,34,456	2,01,550	22,89,536	225,733	407,253	632,986

(a) Includes audited figures up to 19th March 1892.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 21st May 1892	15,709	0	0
Corresponding period of 1891	17,257	0	0
Decrease	1,548	0	0
Receipts per mile for week ending 21st May 1892	308	0	4
Corresponding period of 1891	338	5	11
Decrease	30	5	7
Receipts from 1st January to 21st May 1892	2,27,101	0	0
Corresponding period of 1891	2,15,594	0	0
Increase	11,507	0	0

Printed and published by Edwin Morris Lewis at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 8th June 1892.

[REGISTERED No. 29.]

No. 24 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, JUNE 15, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

LIBERALITY OF NAWAB FAIZUNNESSA SAHEBA AND HER THREE CO-SHARERS.

GENERAL DEPARTMENT—EDUCATION.

Calcutta, the 11*th June* 1892.

RESOLUTION No. 1614.

READ—

Endorsement from the Commissioner of Chittagong, No. 187T., dated 19th May 1892, and the enclosed report from the Magistrate of Tippera regarding the liberality of Nawab Faizunnessa Saheba and her three co-sharers in connection with the construction of a female hospital in Comilla under the auspices of the Lady Dufferin Fund.

The Commissioner of Chittagong has brought to the notice of Government that Nawab Faizunnessa Saheba has made over Rs. 10,000 to the Magistrate of Tippera for the purpose of giving effect to her offer to construct a female hospital in Comilla under the auspices of the Lady Dufferin Fund, and that the Nawab Saheba and her three co-sharers, Najamunessa Chaudhrain, Badarunessa Chaudhrain, and Chaudhri Mozuffe Ghazi, have provided a suitable site

free of cost for the building. The Lieutenant-Governor has already been pleased to express his high appreciation of the public spirit by which the Nawab Saheba has been animated, and desires now to tender to her his thanks for her liberal donation. His Honour's thanks are also due to the Nawab Saheba and her three co-sharers for generously providing a site free of cost for the building.

2. The Lieutenant-Governor will be glad to be informed by the Commissioner on what plan the hospital is being built, and whether it has been approved by the Inspector-General of Civil Hospitals.

ORDER.—Ordered that a copy of this Resolution be forwarded to the Commissioner of Chittagong for information and guidance, and for communication to the Nawab Saheba and her three co-sharers.

Ordered also that a copy of this Resolution be published in the *Calcutta Gazette.*

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 11*th June*, 1892.

Division	No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.				
BURDWAN DIVN.	1	Burdwan June 11, '92 Kalna ... Katwa ... Raniganj ...	3·73 1·52 0·92 3·52	Weather—very stormy with pretty continued rain; heavy at times. Cool. Ploughing and sowing of *aus* being briskly carried on. Prices of common rice:— Srs. Burdwan ... ... 11 to 16 } per rupee. Kalna ... ... 9 to 13 Katwa ... ... 13 Raniganj 13
	2	Bankura „ 11, '92 Vishnupur ...	3·25 1·03	Weather—much cooled down and rainy. The rainfall of the week has much facilitated agricultural operations. Seed-plants are coming on well and sugarcane thriving. Fodder and water-supply sufficient. Common rice selling at 13½ seers per rupee at Sadar and 14 seers at Vishnupur.
	3	Birbhum „ 11, '92 Rampur Hát ...	5·48 1·30	Rain nearly every day in the week, very heavy on 6th, 9th, and 10th, and is going on heavily this morning (11th). Fodder and water now quite plentiful again. Prices of rice 12 to 16 seers per rupee.
	4	Midnapore „ 11, '92	2·35	During the last few days there has been a great deal of rain which has benefited the country greatly. Ploughing going on; crops doing well. Sugarcane improved by the rain. Indigo favourably reported of. Fodder plentiful. Prices of common rice:— Srs. Sadar ... ... 13 } per rupee. Contai ... ... 13 Tamluk ... ... 12 Ghatál 13
	5	Hooghly „ 11, '92 Serampore ... Jahánabad ...	1·24 0·27 0·24	Deep black clouds hanging on. Weather cyclonic. Sugarcane and jute doing well. Ploughing is being carried on, but rain wanted everywhere very badly. In thánas Polba, Pandua and Dhaniakhali, water-supply and fodder have become very scanty, as also in some of the villages in Jahánabad sub-division. In Serampore, however, it is otherwise. High cyclonic winds blowing from Wednesday (8th) evening last. Common rice at Sadar and Serampore 10 to 11 seers a rupee and at Jaháuabad 12 seers.
	6	Howrah „ 11, '92 Ulubaria ...	3·29 0·43	Weather—cooler. Monsoon appears to have broken. Ploughing and sowing continue. Prospects favourable. Condition of cattle good. Fodder and water-supply sufficient. Rice 10 to 12 seers per rupee.
PRESIDENCY DIVN.	7	24-Parganas „ 11, '92	2·89	Weather—cloudy and hot at times with showers. The weather has been very favourable for all crops sown and being sown. Ploughing and sowing proceeding briskly. No deficiency of fodder and water. No cattle-disease. Prices unchanged.
	8	Nadia „ 11, '92 Kushtia ... Meherpur ... Ranaghat ...	1·07 0·15 0·60 2·30	Weather—rainy with strong wind. Monsoon broken over the whole district. Agricultural operations going on vigorously. Prospects good.
	9	Khulna „ 11, '92 Bágerhat ... Satkhira ...	3·28 2·41 0·59	Weather—rainy. Good rain has been falling during the last three or four days, and ploughing and sowing are progressing vigorously. *Til* is being cut in Bágerhat, and prospects of sugarcane continue favourable there. Common rice selling at 11 to 14 seers per rupee. Fodder and water for cattle sufficient.
	10	Jessore „ 11, '92 Jhenida ... Magura ... Narail ... Bangaon ...	2·74 0·73 0·61 0·88 0·60	Weather—cloudy and rainy. Sowing of *aus*, jute, and indigo over, and that of *áman* still progressing. Prospects good. Supply of fodder and water sufficient.
	11	Murshidabad „ 11, '92	1·90	Weather—stormy with showers and fairly cool. Sowing of *bhadoi* rice finished. Crop up in most places and promising. Weather favourable for all crops except mangoes. Coarse rice sells at 12 seers per rupee. Fodder plentiful for cattle.
CHITTAGONG DIVN.	12	Chittagong „ 11, '92	0 69	Weather—seasonable. Prospects of crops good. Cultivation of *aus* commenced. Prices stationary. Condition of cattle generally good. Supply of fodder sufficient.
	13	Noakhali „ 11, '92 Fenny ...	3·18 1·92	Weather—rainy. State and prospects of the standing crops good. *Aman* still being sown. Fodder and water ample. No cattle-disease except in the island of Hatia. Prices stationary.
	14	Tippera „ 11, '92	2·29	Weather—hot and cloudy. *Aman* paddy is being transplanted. *Aus* and jute thriving. Prospects satisfactory. Prices stationary.
	15	Chittagong Hill Tracts. „ 10, '92	3·11	Weather—hot with occasional showers of rain throughout the week. *Jum* paddy and cotton plants progressing. Lands are being ploughed for late rice. Cattle-disease still prevailing. Common rice selling at 10 seers per rupee.

No.	District and date of return.		Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—*concld.*				
Dacca Divn.				
16	Dacca	June 11, '92	0·83	Weather—warm and cloudy. Jute and paddy thriving. *Aus* paddy partially affected owing to insufficient rain. Prospects of other crops fair. Fodder available. No cattle-disease. Common rice selling at from 12 to 14 seers per rupee.
17	Faridpur	„ 11, '92	1·73	Weather—cloudy and stormy. Standing crops doing well. Common rice sells at 11½ seers per rupee at the Sadar, 12 seers at Goalundo and 13 seers at Madaripur. No cattle-disease and cattle get fodder.
18	Backergunge	„ 11, '92	2·45	Weather—cyclonic. State and prospects of crops satisfactory. Ordinary rice sells at from 10 to 13 seers per rupee. Fodder and water sufficient.
19	Mymensingh	„ 11, '92	1·84	Weather—cloudy and stormy; rainy. Prospects of crops fair. Excessive rain has caused some damage to *aus* and jute crops in some parts of the district. Rice sells at 13½ seers per rupee. Supply of fodder and water sufficient.
Rajshahi Divn.				
20	Dinajpur Thakurgaon	„ 11, '92 ...	2·13 6·05	Weather—cloudy and rainy with high easterly wind. Prospects of standing crops good. Preparation of lands for *haimanti* rice continues. Price of rice at Sadar 11 seers per rupee. This rise is owing to incessant rain and consequent difficulty of drying the paddy before husking. Prices stationary in Thakurgaon. Condition of cattle good. Fodder and water-supply continue sufficient.
21	Rajshahi Nator Nowgong	„ 11, '92	0·42 0·42 1·51	The rains have set in, and the weather is quite seasonable. Rain has done a little harm to linseed. *Boro* rice has given a 16 annas outturn. *Aus*, *áman*, jute, and all other crops are doing well. A few cases of cattle-disease are reported. Fodder and water-supply ample. Price of rice ranges from 11 to 15 seers per rupee.
22	Rangpur Nilphamari Gaibanda Kurigaon Ulipur	„ 11, '92	0·8 2·74 0·82 2·13 0·68	Weather—cloudy and warm. *Aus* rice and jute doing well. The former is being harvested in some places. Transplantation of *áman* in progress. Price of common rice stationary.
23	Bogra Sherpur Naukhila	„ 11, '92	2·02 0·83 0·29	Weather—hot and cloudy with occasional showers and strong east wind. Crops on ground doing well. Ploughing for transplantation of *áman* still going on. Condition of cattle not bad. No want of fodder and water. Common rice selling at 13 seers a rupee.
24	Pabna	„ 11, '92	0·78	Weather—hot and cloudy at times. Prospects of standing crops continue good. Price of common rice rose to 12 seers per rupee. Condition of cattle good. Water-supply and fodder sufficient.
25	Darjeeling	„ 11, 92	10·29	Heavy rain during latter part of week. *Bhutta*, potatoes, *bhadoi*, *chhota marua*, and *kangni* thriving well. Water and fodder-supply sufficient. Cattle-disease in some parts of the hills.
26	Jalpaiguri	„ 11, '92	1·13	Weather—hot; cloudy with occasional showers. Prospect of jute not favourable. *Bhadoi* crop improving. Ploughing for transplantation of *haimanti* paddy commenced in certain places. No cattle-disease. Fodder and water-supply abundant.
BIHAR.				
Bhagalpur Divn.				
27	Monghyr Begusarai Jamui	„ 11, '92	2·75 1·22 1·67	Since the 6th the sky has the appearance of the monsoon having begun. Very high east wind since 10th, apparently the result of a cyclone. The rain has set ploughing and sowing agoing all over the district. *Bhadoi* crops are in part sown; also *kauni*, *kheri*, *sama* and *marua*. Sugarcane doing well. Water-supply now plentiful, and there will soon be fodder in abundance.
28	Bhagalpur Banka Madhipura Supaul	„ 11, '92	3·18 1·07 6·80 6·13	Weather—rainy and stormy. Good rainfall throughout the district, heavier in north than in south. *Marua* being transplanted and rice sown. Standing crops doing very well. Agricultural operations in full swing and prospects at present distinctly favourable. No cattle-disease.
29	Purnea Kishanganj Araria	„ 11, '92	1·58 3·36 10·22	The rains seem to have set in since Monday last (6th), when there was a heavy fall of nearly 10 inches at Araria. Crops all doing well. There was some anxiety as to the south and south-west of the district, where the rain had been very scanty and indigo and *bhadoi* were stunted, but it has now begun to fall there. Prices of rice:— Srs. Sadar ... ... 11½ to 13 } Kishanganj ... ... 10 to 11 } per rupee. Araria ... ... 12 to 13 }
30	Malda Chanchal Shibganj Gajol	„ 11 '92	2·03 1·26 0·79 4·93	Weather—seasonable; latter part of the week cloudy with occasional rain and high easterly wind. Standing *bhadoi* crops thriving and promising well. Lands are still being ploughed and prepared for *áman*. Yield of mango 8 annas. Supply of fodder ample. Ordinary rice selling at from 10½ to 13 seers a rupee.
13	Sonthal Parganas Deoghur Godda Jamtara Pakaur Rajmahal	„ 11, 92	* 2·26 1·72 0·27 0·98 1·41	Weather—cloudy and cool with east winds and rain. A storm on the 10th and 11th. Prospects greatly improved. Sugarcane doing well. The rain has saved the small sowings of Indian-corn. Cultivation of rice in full swing. The grass sprung up will help the cattle. Water and fodder now plentiful. Price of rice 10 to 13 seers per rupee.

* Figures not given.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
	BIHÁR—*concld.*		
	Patna Division.		
32	Patna June 11, '92	2·88	Weather—cloudy with high winds. The rainfall has facilitated the preparation of land for *bhadoi* crops. *Cheena* and sugarcane have been much benefited by it. Harvesting of *cheena* has commenced in Bihár. Prices of food-grains almost stationary. Common rice selling at from 11 to 12½ seers per rupee. No distress reported. Fodder sufficient except in Barh, where, however, there is an improvement.
	Barh ...	3·80	
	Bihár ...	1·65	
	Dinapur ...	1·15	
33	Gaya „ 11, '92	1·96	Monsoon seems to have burst; stormy weather. *Marua* millet being sown. Vigorous preparation of land for *bhadoi* will now begin, and there will soon be a sufficient supply of fodder and water. Prices stationary.
	Aurangabad ...	2·41	
	Nawáda ...	4·2	
34	Shahabad „ 11, '92	0·66	Weather—very stormy. High wind and frequent showers. The rainfall has done immense good to the sugarcane, but unfortunately it has been least where most wanted in the west of the district. Ploughing for *bhadoi* has not yet begun. Fodder and water-supply adequate. Prices stationary.
	Buxar ...	2·47	
	Sasaram ...	1·51	
	Bhabhua ...	0·57	
35	Darbhanga „ 11, '92	3·58	High east wind prevailing. Rainfall has greatly improved general cultivation and benefited *janera*, *dhan*, and *makai* lately sown, also *marua* plants. Sowings of *bhadoi* commenced. Prices almost stationary, with slight inclination to fall in places.
	Madhubani ...	4·95	
	Samastipur ...	4·35	
36	Muzaffarpur „ 11, '92	4·84	Weather—cloudy and cool; frequent strong east winds. Rain has fallen generally throughout the district. Prospects of *bhadoi* and rice crops now excellent. Agricultural operations now in full swing everywhere. Prices have not fallen appreciably.
	Hajipur ...	1·35	
	Sitamarhi ...	3·88	
37	Saran „ 11, '92	2·89	Heavy rain-storms everywhere from 1½ to 6 inches. High cyclonic winds for last 24 hours. *Bhadoi* sowings started, and also manufacture of indigo in some places. Water and fodder sufficient. Prices of common rice:— Srs. Ch. Chapra ... ... 11 8 } Siwán ... ... 13 4 } per rupee. Gopalganj ... ... 12 10 }
	Siwán ...	1·34	
	Gopalganj ...	0·42	
38	Champaran „ 11, '92	4·77	Weather—hot, cloudy at times. Rain has fallen everywhere in the district. Ploughing going on. Paddy and other crops are being sown. Standing crops much benefited by rain. No scarcity of fodder and water for cattle. Prices almost stationary.
	Bettiah ...	1·23	
	ORISSA.		
	Orissa Divn.		
39	Cuttack „ 11, '92	4·58	Weather—cold and cloudy. Rain more or less general throughout the district with very beneficial results. Sowing in progress. Price of common rice has fallen from 10½ seers to 11½ seers per rupee at Sadar, though stationary in the interior.
40	Puri „ 9, '92	8·12	Weather—stormy. Ploughing going on. Miscellaneous crops doing well. Rice sells at 10 to 14 seers per rupee.
	Khurda ...	2·14	
41	Balasore „ 11, '92	2·76	Weather—cyclonic. Recent rainfall will be very beneficial for cultivation, which is still backward.
	CHOTA NAGPUR.		
	South-West Frontier Agency.		
	Chota Nagpur Divn.		
42	Hazáribágh June 11, '92	5·09	Weather—cloudy and cool. Very wet and stormy since 10th. Ample rain everywhere. Ploughing and sowing in vigorous progress. Water abundant. Fodder now sufficient. Common rice selling at from 10 to 11 seers per rupee.
	Giridi ...	0·33	
43	Lohardaga „ 11, '92	7·40	Weather—rainy. The rainfall is sufficient for ploughing and sowing *bhadoi* crops. Common rice selling at 14 seers per rupee. Fodder sufficient.
44	Palámau „ 10, '92	1·02	The monsoon seems to have broken and the weather is now cool. Showers in almost all the thánas of the district. Fields are being prepared for *bhadoi* crops. Sugarcane thriving. Common rice selling at from 12 to 13 seers per rupee. Fodder-supply limited.
45	Singhbhum „ 11, '92	2·87	Rain on four days. Weather very boisterous and wet. Rice crop being sown. Price of common rice stationary.
46	Manbhum „ 11, '92	3·41	Heavy rain during the week. The rains have evidently set in, and the people are busily engaged in ploughing. Young sugarcane doing well. All anxiety in the matter of fodder and water-supply now at an end. Rice 13 to 16 seers per rupee.
	Gobindpur ...	4·38	

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 14*th June*, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

'he following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the Inter during the month of March, 1892.

IMPORTS INTO CALCUTTA.

hence imported.	FOOD-GRAINS. Rice and Paddy. Rice.	* Paddy.	Total (in rice).	Wheat.	Gram and pulses.	Other food-grains.	Total.	FIBROUS PRODUCTS. Jute, raw.	Gunny-bags.†	OILSEEDS. Linseed.	Mustard seed.	Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR. Refined.	Unrefined.	TOBACCO. Unmanufactured.	Manufac.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	M
BENGAL.																		
ırdwan	1,44,511	11,502	1,51,700	1,030	1,544	......	1,54,274	......	19,125	1,379	100	......	......	23	......	......	3	
rbhum	65,269	..	65,260	......	393	......	65,662	......	6,825	606	......	......	......	203	......	......		
dnapore	2,02,196	18,738	2,13,907	.....	8,118	......	2,22,025	173	1,220	28,821	......	......	10	11	5	829	10	
oghly	1,67,3?0	22,853	1,81,613	3,272	4,836	79	1,89,800	3,688	611,200	2,625	14	......	302	......	281	25,385	5,929	
Parganas ...	1,59,723	17,240	1,70,409	......	12,2?5	.....	1,82,794	2,336	323,905	6,859	320	......	129	......	13,276	40,357	6,786	
dia	5,951	984	6,566	15,551	99,099	2,005	1,23,221	906	4,621	43,651	337	......	......	66	1,010	13,045	2,524	
ulna	19,857	8,150	24,951	......	1,809	......	26,760	48	350	914	......	......	......	......	400	7,254	...	
ssore ...	21,019	5,850	24,675	.....	13,213	......	37,888	400	595	5,538	100	......	......	......	883	34,405	1,588	
ırshidabad ...	4,752	......	4,752	1,066	6,155	......	11,973	104	... ..	3,350	552	......	......	674	......	......	...	
najpur	1,368	99	1,430	200	635	......	2,265	283	43,045	......	668	......	......	......	......	......	...	
jshahi	273	......	273	140	1,313	......	1,732	1,003	140	934	4,157	......	......	559	......	......	...	
ngpur	268	.....	268	......	...	......	268	4,259	6,125	......	3,443	......	590	......	......	......	20,007	
gra	1,475	......	1,475	......	119	......	1,594	1,144	735	......	306	......	......	......	......	......	...	
bna	4,410	......	4,410	148	5,792	......	10,350	69,367	560,560	801	18,182	......	74	......	......	......	278	
rjeeling	......	......	.....	......	......	......		.. .	7,840	......	128	131	......	......	......	......	1,280	
lpaiguri	..	......	... ..	......	......	......		5,692	20,440	......	......	90	......	......	......	......	1,426	
cca	14,848	......	14,848	103	2,332	......	17,283	47,956	840	87	2,127	... ..	2,535	......	......	1	...	
ridpur	23,033	... ..	23,033	354	3,169	......	26,556	8,717	1,435	4,207	25,925	......	2,277	2	......	......	...	
ckergunge ...	6,15,956	1,175	6,16,690	......	...	......	6,16,690	900	245	57	......	......	......	......	......	......	26	
ymensingh ...	17,177	119	17,251	......	8,126	......	25,377	1,757	185	......	4,943	......	......	......	......	......	...	
ppera	6,075	......	6,075	......	......	......	6,075	......	......	......	87	......	......	......	......	900	...	
uttagong ...	7,500	......	7,500	......	......	......	7,500	9,015	......	......	......	30	11,664	......	......	......	...	
akhali	9,600	....	9,600	......	......	......	9,600	10	......	......	......	......	900	......	......	......	...	
otal of Bengal ...	14,92,591	86,710	15,46,785	21,870	1,68,948	2,084	17,39,087	1,57,823	1,609,421	99,838	61,408	251	18,481	1,538	15,855	1,22,776	39,927	
BIHÁR.																		
tna	682	......	682	9,144	44,738	4,805	53,369	69	1,155	38,371	2,858	......	......	2	938	......	702	
ya	......	......	... ..	11,849	....	.. ...	11,849	......	2,345	82,751	4,276	......	......	......	......	2,722	...	
ahabad	......	......	......	12,635	7,474	19	20,128	......	1,610	42,465	......	......	......	......	94	9,485	..	
uzaffarpur ...	4	......	4	...	.... .	2,170	2,174	......	215	......	1,499	......	......	......	.. ...	13	213	
rbhanga ...	......	......	......	500	.....	......	500	447	210	677	6,743	......	......	......	......	508	443	
ran	2	......	2	318	1,666	......	1,986	......	175	......	322	......	5	......	......	2	...	
ampuran ...	......	......	......	.....	... ..	421	421	......	35	......	3,054	......	......	......	......	......	...	
onghyr	......	... ..	......	17,303	24,679	305	42,287	......	1,200	20,762	886	......	......	......	......	......	...	
ágalpur ...	19	......	10	3,851	1,438	6,377	11,685	226	1,260	8,007	5,800	......	......	......	......	......	...	
rnea	68	......	68	116	2,995	......	3,179	1,872	210	200	3,010	......	......	......	......	......	5,890	
alda	2,349	......	2,349	... ..	3,077	......	5,426	290	......	......	265	......	......	......	......	......	...	
nthal Parganas	376	......	376	15,732	6,722	......	22,830	2,309	1,785	10,058	5,174	......	......	62	......	......	137	
otal of Bihár ...	3,500	......	3,500	35,448	92,789	14,097	1,75,834	5,209	10,290	2,13,701	33,887	......	5	64	1,032	12,780	7,475	
ORISSA.																		
ttack	413	......	413	......	498	......	911	24	... ..	......	372	......	......	......	......	......	...	
lasore	73,912	8,117	78,985	......	5,625	... ..	84,610	1,515	6,800	......	874	... ..	......	8	......	... ..	...	
tal of Orissa ...	74,325	8,117	79,398	......	6,123	......	85,521	1,539	6,800	......	1,246	......	......	8	... ..	......	...	
IOTA NAGPUR.																		
záribágh ...	13,414	......	13,414	......	......	......	13,414	......	140	.... .	278	......	......	......	......	......	...	
ghbhum ...	3,802	......	3,802	... ..	......	......	3,802	......	......	......	......	......	......	......	......	......	...	
anbhum ...	681	... ..	681	......	......	......	681	30	420	.....	......	23	......	4	......	2	...	
tal of Chota Nagpur.	17,897	......	17,897	......	... ..	.. ...	17,897	30	560	......	278	23	......	4	......	2	...	
and Total of Supplies from the Provinces under the Lieutenant-Governor of Bengal.	15,88,313	94,827	16,47,580	87,318	2,67,860	16,181	20,18,939	1,61,595	1,627,071	3,13,629	90,819	274	18,480	1,614	16,887	1,35,508	47,402	
HER PROVINCES.																		
sam ...	16,611	200	16,736	......	......	......	16,736	.... .	3,140	231	28,560	6,225	5,800	166	......	1	551	
rth-Western Provinces and Oudh.	657	......	657	2,64,642	49,739	3,134	3,18,172	490	400	1,57,728	1,59,623	91	43,438	......	126	2,684	68	
njab	4	......	4	1,161	3,092	300	4,557	1,667	......	41,068	610	34	......	......	......	......	...	
ntral Provinces	84,823	......	84,823	114	5,658	... .	90,595	......	......	......	2,163	......	1,792	......	.. ...	......	...	
jputana and Central India.	......	......	... ..	.....	......	.....		......	......	34,101	320	.....	2,082	......	......	......	...	
rar	......	......	......	......	... ..	... ..	......	......	... .	......	......	......	3,896	......	......	......	...	
mbay	. ..	......	... ..	......	... ..	......	......	. . ..	5,300	......	......	3	32,913	......	......	......	15	
dras	......	... ..	... ..	......	... ..	......	......	......	200	......	48	1	10	......	3,022	......	285	
ndicherry ...	... ..	......	......	......	......	......	......		22,300	......	......	......	......	......	......	......		
rma	.....	120	75	......	......	... ..	75	......	... ..	......	......	10	913	... ..	......	......	3	
her places ...	42	......	42	. ..	38	.... .	80	......	10,075	......	... ..	56	......	......	25,803	28,514	19	
and Total Imports March 1892	16,90,450	95,147	17,49,917	3,53,235	3,26,387	19,615	24,49,154	1,66,752	1,668,576	5,47,467	2,88,152	6,094	1,09,239	1,780	45,838	1,66,707	48,338	1,
and Total Imports March 1891	20,36,994	1,59,667	21,36,768	1,52,854	2,77,162	25,877	25,92,679	15,20,144	2,727,175	4,38,455	1,86,121	4,977	87,623	2,811	40,233	1,31,992	26,976	2

* One maund of paddy is equivalent to 25 seers of rice. | † Exclusive of bags obtained by local manufacture.

The Sea-borne Trade of Calcutta in these Staples during the month of March 1892, *was as follows* :—

PORTED FROM CALCUTTA—	Rice.	Paddy.	Total (in rice).	Wheat.	Gram and pulses.	Other food-grains.	Total.	Jute, raw.	Gunny-bags.	Linseed.	Mustard seed.	Tea, Indian.	Cotton, raw.	Silk, raw.	Refined.	Unrefined.	Unmanufactured.	Manufac.
Indian ports, iz.—																		
ombay ...	3,09,305	20	3,09,377	......	50	......	3,09,427	......	2,107,950	......	......	2,794	.....	......	637	......	...	
adras	55,608	......	55,608	1,497	12,797	599	70,501	......	30,800	......	......	393	......	210	45	......	...	
ther ports in Madras ...	1,33,434	161	1,13,535	133	5,412	......	1,19,080	8	133,300	......	50	4	......	......	......	......	...	
urma	30,803	......	30,803	109	15,274	2,084	48,270	22	2,614,900	......	......	167	152	20	2,223	528	6,618	
ther Indian ports	... ..	......	......	928	3,781	176	4,885	......	289,300	......	......	7	12	9	1,855	2,519	1,786	
ondicherry ..	......	......	......	98	115	......	213	......	46,000	......	......	......	......	......	......	......	...	
nd	... ..	......	......	......	......	......	......	......	108,750	......	......	......	......	......	......	......	...	...
al of Inter-portal trade ...	5,29,210	181	5,29,323	2,765	37,429	2,859	5,72,376	30	5,331,600	......	50	3,365	164	239	4,760	3,047	8,404	1,
Foreign ports— nited Kingdom	4,51,253	......	4,51,253	2,51,341	8,537	......	7,11,131	2,88,056	2,389,300	3,93,125	65	21,609	9,861	517	......	......	...	
ther Foreign ports	6,63,086	1,808	6,64,216	8,462	23,711	1,252	6,97,641	28,044	4,611,950	85,060	135	3,022	23,679	319	1,131	823	1,080	
l of Foreign ade	11,14,339	1,808	11,15,469	2,59,803	32,248	1,252	14,08,772	3,16,100	7,001,250	4,78,185	200	24,631	36,540	836	1,131	823	1,080	
nd Total Exports March 1892	16,43,549	1,989	16,44,792	2,62,568	69,677	4,111	19,80,948	3,16,130	12,332,850	4,78,185	250	27,996	36,704	1,075	5,891	3,870	10,084	1,
nd Total Exports March 1891	15,99,031	13,803	16,07,695	11,731	41,450	5,344	16,60,220	12,08,398	24,536,450	3,42,248	67	27,803	54,704	[illegible]	[illegible]	[illegible]	[illegible]	

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of March, 1892.

IMPORTS INTO CALCUTTA.

Specification of Routes.	Food-grains. Rice.	Paddy.	Wheat.	Gram and pulses.	Other food-grains.	Fibrous Products. Jute, raw.	Gunny bags.	Oilseeds. Linseed.	Mustard seed.	Tea, Indian.	Cotton, raw.	Silk, raw.	Sugar. Refined.	Unrefined.	Tobacco. Unmanufactured.	Manufactured.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Md
By country boats ...	11,71,428	74,866	9,560	83,572	1,482	28,159	910,816	21,927	18,795	... ..	1,912	2	4,344	34,109	7,278	1
" river steamers ...	40,558	259	833	6,201	......	87,820	... ..	27,219	34,684	4,056	6,854	11	598	434	409	.....
" rail { E. I. Railway	3,19,783	13,205	3,32,566	1,41,405	17,525	9,410	38,099	4,48,777	1,94,338	151	51,113	966	1,158	15,416	6,674	l
" rail { E. B. S. Railway.	12,207	99	10,210	77,498	608	29,435	645,995	42,669	39,363	2,300	4,172	793	605	47,018	24,893	.....
" road	67,291	4,481	......	12,048	......	1,368	28,100	6,875	......	......	120	...	10,318	40,616	8,764	
" sea	70,183	2,237	... ..	5,663	......	10,530	44,675	.. ...	922	97	45,059	8	28,825	28,514	329	
Grand Total of Imports in March { 1892 ...	16,00,450	95,147	8,53,235	3,26,387	19,615	1,66,752	1,668,576	5,47,467	2,88,152	6,694	1,09,239	1,780	45,838	1,66,707	48,338	1,
Grand Total of Imports in March { 1891 ..	20,36,994	1,59,667	1,52,854	2,77,162	25,877	15,29,144	2,727,175	4,38,435	1,86,121	4,977	87,623	2,811	49,233	1,31,992	26,976	2,

The following Statement shows the Values, Quantities, and Numbers of the Principal Staples of Traffic exported Inland from Calcutta during the month of March, 1892.

EXPORTS FROM CALCUTTA.

Whither exported.	Cotton piece-goods. European.	Cotton piece-goods. Indian.	Cotton twist. European.	Cotton twist. Indian.	Salt.	Gunny bags.
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
Bengal.						
Burdwan ...	1,90,700	......	220	735	22,018	47,184
Birbhum ...	81,340	492	83	872	12,609	48,930
Midnapore ...	2,51,120	200	2,458	......	30,905	32,754
Hooghly ...	1,27,349	5,265	354	148	2,020	27,330
24-Parganas ...	1,33,750	4,650	889	......	8,770	6,950
Nadia ...	4,13,470	......	1,292	......	21,239	91,469
Khulna ...	1,34,910	......	145	......	4,191	315
Jessore ...	1,82,239	......	1,234	......	17,365	7,140
Murshidabad ...	61,530	.. ...	75	......	2,140	8,790
Dinajpur ...	1,05,420	......	460	......	11,124	4,165
Rajshahi ...	2,51,680	......	93	......	20,104	14,945
Rangpur ...	1,99,920	......	465	......	15,941	3,010
Bogra ...	1,83,830	......	193	......	14,822	13,090
Pabna ...	78,540	......	430	......	20,349	8,750
Darjeeling ...	1,12,070	......	283	......	5,972	35
Jalpaiguri ...	1,18,160	......	534	......	9,247	1,260
Dacca ...	8,50,940	......	1,541	......	37,852	5,210
Faridpur ...	1,61,742	... ..	663	......	21,910	29,260
Backergunge ...	1,15,330	......	884	......	16,350	8,260
Mymensingh ...	1,08,780	... ..	60	......	13,700	12,985
Tippera ...	......	......	......	......	8,725	... ..
Chittagong ...	1,67,520	......	55	15	... .	25,800
Noakhali ...	......	......	......	......	4,475	......
Total of Bengal ...	40,35,730	10,607	11.924	1,770	3,52,208	397,632
Bihár.						
Patna ...	3,34,810	738	184	113	18,996	132,615
Gaya ...	1,85,570	... ..	43	979	12,589	64,680
Shahabad ...	3,09,740	......	19	277	24,872	58,705
Muzaffarpur ...	2,67,890	.. ...	4	13	19,162	6,755
Darbhanga ...	3,04,640	... ..	16	411	19,667	32,060
Saran ...	3,19,830	.. .	3	94	13,282	9,240
Champaran ...	4,64,030	..	27	112	6,812	8,575
Monghyr ...	1,60,090	8,241	......	330	18,682	77,210
Bhágalpur ..	2,02,790	492	107	426	14,967	44,525
Purnea ...	1,21,350	... ..	21	479	12,430	12,525
Malda ...	.. ..	.....	......	.. ...	6,325	300
Sonthal Parganas ...	1,71,570	......	177	480	12,611	43,085
Total of Bihár ...	20,23,340	9,471	603	3,720	1,80,395	400,335
Orissa.						
Cuttack ...	......	......	......	......	700	7,500
Balasore ...	67,150	......	1,280	6,682	23,363	256,250
Total of Orissa ...	67,150	......	1,280	6,682	24,063	263,750
Chota Nagpur.						
Hazáribágh	66,220	......	......	101	6,139	2,66
Singhbhum	24,990	......	... ..	540	4,089	5,07
Manbhum	1,00,520	1,599	85	839	17,896	39,02
Total of Chota Nagpur ...	1,91,730	1,599	85	1,480	28,124	46,76
Grand total of supplies into the Provinces under the Lieutenant-Governor of Bengal ...	72,17,950	21,677	13,892	13,652	5,84,790	2,198,47
Other Provinces.						
Assam	5,28,780	......	1,391	96	40,010	33,39
North-Western Provinces						902,90
and Oudh	33,62,730	21,771	2,461	317	26,087	215,0
Punjab	9,17,280	18,327	699	6	......	358,3
Central Provinces	1,11,160	......	405	715	......	71,05
Rajputana and Central India	68,320	1,968	94	......	......	40,32
Berar	630	......	......	. ....	46	......
Nizam's Territory	140	......	......	......	......	... ..
Bombay	16,137	1,968	......	......	......	2,107,95
Madras	60,370	1,000	62	1,182	......	104,10
Pondicherry	... ..	... ..	......	......	......	46,00
Burma	1,62,085	2,250	453	1,592	7	2,614,00
Sind	300	.. ..	.....	......	... ..	108,75
Other places	35,766	1,155	20	2,212	......	7,001,23
Grand Total of Exports in March { 1892 ...	1,24,81,648	70,116	19,186	19,772	6,50,940	14,862,46
Grand Total of Exports in March { 1891 ...	1,49,91,060	96,749	18,778	21,492	8,70,307	26,624,31

The Sea-borne Trade of Calcutta in these Staples during the month of Mar[ch] 1892, was as follows:—

Imported into Calcutta—	Rs.*	Rs.	Mds.	Mds.	Mds.	No.
From Foreign Ports—						
United Kingdom	1,19,88,228	......	12,771	......	4,48,049	......
Other Foreign ports ...	56,255	......	632	......	2,39,021	10,07
Total of Foreign Trade ...	1,20,44,483	......	13,403	......	6,87,073	10,07
From Indian Ports—						
Bombay	46,854	1,28,320	......	8,457	34,296	5,30
Madras	2,147	19,156	......	248	... ..	20
Other ports in Madras ...	... ..	...	......	311	124	......
Burma	21,052	400	......	.....	......	22,30
Other Indian ports ...	......	. ....	......	43	.. ...	6,80
Total of Interportal Trade ...	70,053	1,47,876	.....	9,059	34,414	34,60
Grand Total of Imports in March { 1892 ..	1,21,14,536	1,47,876	13,403	9,059	7,21,487	44,67
Grand Total of Imports in March { 1891 .	1,20,82,516	2,55,333	14,286	9,093	6,43,051	44,00

* As per tariff declaration value.

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported fro[m] Calcutta during the month of March, 1892.

Specification of Routes.	Cotton piece-goods. European.	Cotton piece-goods. Indian.	Cotton twist. European.	Cotton twist. Indian.	Salt.	Gunny bags.
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
By country boats ...	1,70,542	4,700	980	......	2,29,869	62,718
" river steamers ...	4,58,360	......	3,227	96	43,743	83,044
" rail { East Indian Railway ...	78,98,450	55,596	4,653	7,857	2,46,763	2,184,280
" rail { Eastern Bengal State Railway ...	32,87,830	......	8,250	......	1,03,800	195,300
" road ...	1,64,068	5,415	497	136	4,185	4,873
" sea ...	5,02,398	4,105	1,870	11,683	22,520	12,332,250
Grand Total of Exports in March ... { 1892 ...	1,24,81,648	70,116	19,486	19,772	6,50,940	14,862,462
Grand Total of Exports in March ... { 1891 ...	1,49,94,060	96,749	18,778	21,472	8,70,307	26,624,318

STATISTICAL DEPARTMENT,
The 11th June, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

Names of Marts.	Stock in hand as compiled on—												
	1st week of June 1891.	1st week of July 1891.	1st week of August 1891.	1st week of Sept. 1891.	1st week of Oct. 1891.	1st week of Nov. 1891	1st week of Dec. 1891.	1st week of Jan. 1892.	1st week of Feb. 1892.	1st week of March 1892.	1st week of April 1892.	1st week of May 1892.	1st week of June 1892.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Baliaghatta	9.74.000	7,19,000	4,52.000	4.58 500	4,26.700	4,45,000	4,01,000	3,68,200	7.99,000	11.29.000	12,67,000	10,25,000	12.28.000
Ooltadanga	59,600	61.100	65,800	72,100	66.200	65.000	61,100	58.900	68.500	75.500	69,000	85,900	73.900
Chitpur, Golabaree, Coomertooly, Hatkhola, and Cuppy Ghat.	4,92,400	4,68,400	4.87,200	5,06.700	5,23,000	5.04.600	4,74.300	6.29,500	6,17.700	8,41.400	8,78.400	7.88.000	7,61,300
Pathuriaghatta, Posta, and Jorabagan.	2.000	3,700	3,000	2,500	3,000	4,000	3,000	2,500	2,000	3,000	4,000	5,000	4.000
Tallygunge, Chitlah, Kidderpore, and Mussheganj	1,14,800	1,06,900	98,900	90,450	85,750	91,200	82,100	1.23 600	1,04.500	1,55 900	1,44,500	1,41,500	1,37.200
21 Minor bazars (estimated) ...	2,40.000	2,40,000	2,40.000	2,40,000	2,40,000	2,40,000	2,40.000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40.000
Other retail shops, 3,129 in number (estimated).	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Boidyabatty, Nowabganj, Bhuddreswar, and Chandernagore.	30,750	32,750	32,250	38,051	32,250	33,125	25,062	27,135	18,938	31.250	59,450	42 000	32,325
Total ...	21,53,550	18,81,850	16,29,150	16,38,301	16,29,900	16,37,925	15,36,562	16,99,835	21,00,638	27,26,050	29,12,350	25,77,400	27,26,725
On Railway premises on both sides of the river.	5,928 (on 3rd June 1891.)	17,767 (on 3rd July 1891.)	10,179 (on 3rd August 1891.)	17,473 (on 3rd Sept. 1891.)	41,511 (on 3rd Oct. 1891.)	13,019 (on 3rd Nov. 1891.)	21,740 (on 3rd Dec 1891.)	66,689 (on 3rd Jan. 1892.)	44,775 (on 3rd Feb. 1892.)	41,862 (on 3rd March 1892.)	38,171 (on 3rd April 1892.)	17,133 (on 3rd May 1892.)	12,011 (on 3rd June 1892.)
On boats unloaded ... By Port Commissioners' returns.	17,251 (1st to 3rd June 1891.)	28,097 (1st to 3rd July 1891.)	17,174 (1st to 3rd August 1891.)	57,776 (1st to 3rd Sept. 1891.)	41,755 (1st to 3rd Oct. 1891.)	33,595 (3rd to 5th Nov. 1891.)	53,688 (1st to 3rd Dec. 1891.)	84,951 (2nd to 4th Jan. 1892.)	63,215 (1st to 3rd Feb. 1892.)	53,460 (1st to 3rd March 1892.)	29,556 (1st to 3rd April 1892.)	28,662 (2nd to 4th May 1892.)	25,598 (1st to 3rd June 1892.)
On boats unloaded ... By Canal returns	25,741 (1st to 3rd June 1891.)	41,597 (1st to 3rd July 1891.)	24,697 (1st to 3rd August 1891.)	79,813 (1st to 3rd Sept. 1891.)	80,950 (1st to 3rd Oct. 1891.)	28,531 (3rd to 5th Nov. 1891.)	34,490 (1st to 3rd Dec. 1891.)	1,22,177 (2nd to 4th Jan. 1892.)	1,90,718 (1st to 3rd Feb. 1892.)	96,456 (1st to 3rd March 1892.)	38,474 (1st to 3rd April 1892.)	17,050 (2nd to 4th May 1892.)	37,916 (1st to 3rd June 1892.)
Grand total of Stocks ...	22,02,470	19,69,311	16.81,200	18,13,363	17,94,116	17,13,070	16,46,480	19,73,652	23,99,346	29,17,828	30,18,551	26,40,245	28,02,250
Probable stock available for exportation by sea.	11⅓ lakhs	9¾ lakhs	6¼ lakhs	7⅓ lakhs	7⅛ lakhs	6⅓ lakhs	6 lakhs	9¾ lakhs	13⅓ lakhs	18¼ lakhs	19⅜ lakhs	15¾ lakhs	12⅜ lakhs

STATISTICAL DEPARTMENT,
The 6th June, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 5th to 11th June 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature.				Hygrometry.				Wind.		Rain	Weather.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction	Miles recorded.		
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
June	5th	160·3	6·3	29·629	86·9	94·4	15·7	78·7	80·5	0·957	77·9	75	S and SSE ...	92	Nil	Partially cloudy, o, t.
,,	6th	157·3	6·1	·578	86·1	93·7	14·8	78·9	80·1	·947	77·6	77	S by E, ESE, and variable.	93	,,	Partially cloudy, t.
,,	7th	150·5	5·1	·500	84·9	89·9	10·4	79·5	79·9	·955	77·8	80	E by S, E, and variable.	121	0·03	Partially cloudy, o, t, d.
,,	8th	152·9	2·6	·406	83·0	89·1	10·7	78·4	79·4	·957	77·9	85	ENE ..	183	0·20	Chiefly cloudy, o, g, p, t.
,,	9th	131·7	0·2	·295	81·7	84·1	6·6	77·5	78·4	·929	77·0	86	ENE ...	277	1·42	Cloudy, o, g, d, p.
,,	10th	130·0	0·2	·291	80·8	85·0	7·5	77·5	78·4	·941	77·4	89	ENE, E, and SE...	273	0·95	Cloudy, o, g, d, p.
,,	11th	136·3	Nil	·539	81·6	84·9	7·1	77·8	78·7	·943	77·4	87	SSE and SE ...	167	0·80	Cloudy, o, g, d, p.

	Inches.
The mean pressure of the seven days	29·463
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·573
	Hours.
The total number of hours of bright sunshine	20·5
The maximum possible number of hours of sunshine	94·0
	°
The mean temperature of the seven days	83·6
The average temperature of the corresponding period for 24 years, S.-G.'s Office	85·8
The extreme variation of temperature	16·9
The maximum temperature	94·4
	Miles.
The highest velocity of the wind in one hour	18
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	83
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	79
	Inches.
The total fall of rain from 5th to 11th June 1892	3·40
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	2·48
The total fall from 1st January to 11th June 1892	9·38
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	12·91

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; d, drizzling rain; p, passing temporary showers; t, thunder.

J. H. Gilliland,
For Meteorological Reporter to the Govt. of India.

Meteorological Office, Govt. of India;
Calcutta, the 13th June 1892.

Meteorological Report of the Province of

Meteorological Division.	District.	Representative stations.	STATION OBSERVATIONS. Air Pressure. Highest, 8 A.M., barometer reading of month.	Lowest, 8 A.M., barometer reading of month.	Mean, 8 A.M., for month.	Mean reduced to sea-level & to Lat. 45°.	Variation from normal mean.	Temperature. Highest of month.	Lowest of month.	Mean daily maximum temperature	Mean daily minimum temperature.	Mean daily temperature.	Variation from normal mean.	Humidity. Mean, 8 A.M., humidity.	Variation from normal mean.	Cloud. Mean cloud amount, 8 A.M.	Variation from normal mean, 8 A.M.	Rainfall.
Orissa.	Puri	Puri ...	29·856	29·577	29·694	29·624	—	94·2	75·1	90·2	82·1	86·2	—	86	—	5·6	—	0·01
		Gopalpur ...	29·812	29·352	29·677	29·638	—·022	96·2	72·8	90·8	80·5	85·7	+1·5	85	—	1·7	—	1·52
		False Point ..	29·857	29·584	29·701	29·653	—·027	93·5	76·1	91·4	82·6	87·0	+0·8	82	—4	6·9	+2·2	2·17
	Cuttack	Cuttack ..	29·785	29·483	29·623	29·644	—·027	112·4	71·8	104·7	82·0	93·4	+3·2	71	+4	5·3	+1·7	1·57
	Balasore	Balasore ...	29·707	29·509	29·632	29·633	—·042	107·5	69·9	99·0	80·7	89·9	+3·6	73	—	2·9	—	2·43
South-West Bengal.	South-West Midnapore and South 24-Parganas.	Saugor Island ...	29·846	29·556	29·683	29·652	—·039	94·2	75·0	92·9	82·6	87·8	+1·9	80	—5	7·2	+1·3	1·09
	Midnapore	Midnapore ...	29·705	29·416	29·544	29·638	—·036	111·4	72·2	103·3	79·8	91·6	+3·3	72	—	2·4	—	3·40
	24-Parganas, Howrah, and Hooghly.	Calcutta ...	29·849	29·556	29·678	29·644	—·041	98·1	71·3	95·3	79·0	87·2	+2·1	79	+1	6·6	+1·8	4·29
	Burdwan	Burdwan ...	29·702	29·476	29·597	29·642	—·039	107·7	69·4	102·0	79·6	90·8	+3·8	71	—2	4·0	+0·2	3·92
	Bankura	Bankura ...	29·514	29·224	29·355	29·599	—·047	112·1	71·1	104·3	79·6	92·0	?	73	—	4·0	—	5·30
	West Burdwan ... Birbhum ...	Raniganj .	29·508	29·220	29·345	29·635	—·047	113·0	70·4	105·1	77·5	91·3	+2·4	72	—	2·3	—	2·68
	Murshidabad	Berhampore .	29·786	29·504	29·620	29·635	—·054	104·7	70·3	98·5	77·6	88·1	+2·4	88	+13	7·2	+1·9	4·64
	Nadia	Krishnagar ...	29·808	29·530	29·644	29·633	—·038	102·2	69·7	98·7	77·9	88·3	+2·4	78	—	5·3	—	2·24
	Jessore and Khulna ...	Jessore ...	29·834	29·552	29·678	29·653	—·044	101·2	68·0	96·2	77·2	86·7	+1·4	85	+1	6·6	+0·5	8·12
East Bengal.	Chittagong	Chittagong ..	29·832	29·589	29·694	29·728	—·026	95·2	68·6	89·1	76·3	82·7	+1·2	83	0	7·7	+1·5	11·67
	Chittagong Hill Tracts	Domagri ...	Observations not received.															
	Backergunge	Barisal ...	29·877	29·612	29·723	29·680	—·029	95·3	68·9	92·2	77·5	84·9	+2·1	81	—	8·3	—	7·45
	Noakhali	Noakhali ...	29·866	29·624	29·713	29·703	—·003	91·5	67·8	89·4	76·5	83·0	+1·1	84	—	3·3	—	7·19
	Faridpur	Faridpur ...	29·849	29·587	29·694	29·688	—·034	94·5	67·4	91·8	76·0	83·9	+1·8	86	—	5·0	—	7·64
	Dacca	Dacca .	29·870	29·614	29·710	29·680	—·037	94·1	70·2	91·5	76·4	83·9	+0·6	86	+2	7·9	+2·3	8·76
	Comilla	Comilla ..	29·871	29·614	29·718	29·703	—·022	96·8	68·3	90·2	75·7	83·0	+0·6	84	—	3·6	—	11·99
	Mymensingh	Mymensingh ...	29·844	29·602	29·689	29·702	—·040	91·7	68·6	85·8	73·7	79·8	—0·6	88	—	6·9	—	18·48
North Bengal.	Bogra	Bogra ...	29·782	29·558	29·646	29·659	—·029	98·3	68·2	90·6	73·9	82·3	—1·1	86	—	7·2	—	6·13
	Pabna	Sirajganj† ...	29·822	29·590	29·678	29·654	—·034	96·1	70·2	89·3	74·2	81·8	—0·3	89	—	7·7	—	7·78
	Rajshahi	Rampur Boalia	29·774	29·512	29·624	29·643	—·046	97·3	69·2	91·9	76·5	84·2	+0·2	82	—	4·5	—	4·86
	Malda	Malda ...	29·761	29·504	29·619	29·648	—	102·5	72·5	95·2	75·9	85·4	—	82	—	5·2	—	0·94
	Dinajpur	Dinajpur ...	29·730	29·495	29·595	29·666	—·055	99·1	68·3	88·6	73·4	81·0	—1·2	87	—	7·8	—	7·51
	Rangpur	Rangpur .	29·773	29·509	29·621	29·698	—·022	95·2	66·2	86·9	72·2	79·6	—0·6	90	—	3·5	—	16·34
	Jalpaiguri and Kuch Bihár.	Jalpaiguri ...	29·595	29·350	29·449	29·688	—·043	92·9	69·1	85·3	72·3	78·8	—0·4	90	—	3·2	—	32.02
	Darjeeling Hill Tracts...	Darjeeling ...	23·039	22·822	22·909	?	?	67·6	48·6	63·0	53·3	58·2	+1·7	95	+9	5·5	+1·0	12·79
North Bihar.	Purnea and North Bhagalpur.	Purnea ...	29·713	29·512	29·504	29·673	—·020	105·3	68·2	93·1	73·1	82·9	—1·1	80	+2	5·5	+1·8	5·24
	Muzaffarpur	Muzaffarpur	29·684	29·392	29·492	29·622	—	105·7	64·3	98·4	77·0	87·7	—	74	—	2·7	—	1·35
	Darbhanga	Darbhanga ...	29·710	29·426	29·531	29·650	—·035	105·5	70·0	96·0	74·8	85·4	—0·2	73	+2	2·3	—0·5	2·00
	Champaran	Motihari ...	29·632	29·333	29·436	29·617	—·052	105·2	65·8	98·4	75·3	86·9	+2·0	70	—	2·5	—	3·54
	Saran	Chapra ..	29·609	29·362	29·469	29·602	—·047	110·2	71·6	102·6	78·9	90·8	+3·1	66	—	1·2	—	0·48
South Bihar.	Shahabad ...	Dehri .	29·560	29·174	29·287	29·565	—·050	112·5	76·5	107·3	81·9	94·8	+5·4	62	—	1·1	—	0·16
		Buxar ...	29·668	29·306	29·410	29·600	—·044	109·9	72·8	104·5	80·0	92·3	+2·8	53	—	1·5	—	0·15
		Arrah .	29·692	29·349	29·456	29·555	—·041	111·2	72·0	104·5	79·8	92·2	+3·0	70	—	1·9	—	0·37
	Gaya	Gaya .	29·492	29·150	29·259	29·580	·064	114·1	76·8	107·6	82·5	95·1	+4·2	56	0	3·2	+0·6	0·57
	Patna	Bankipur	29·686	29·318	29·471	29·604	—·059	109·6	71·7	102·5	78·5	90·5	+2·1	73	+12	1·5	—1·7	0·45
	South Bhágalpur and Monghyr.	Bhágalpur ..	29·674	29·391	29·506	29·608	—·040	108·3	74·0	99·3	77·0	88·1	+2·4	70	—	4·0	—	2·47
	Sonthal Parganas ...	Naya Dumka	29·334	29·048	29·174	29·613	—·041	111·7	68·8	102·5	79·1	90·9	+3·4	70	—	1·3	—	3·13
Chota Nagpur.	Hazáribágh	Hazáribágh .	27·890	27·554	27·685	29·654	—·035	109·1	72·3	103·7	78·5	91·1	+5·1	38	—10	2·1	—0·6	0·83
	Lohardaga .. ... Palamau ... Manbhum ..	Ranchi ..	27·758	27·449	27·580	29·580	—·028	107·5	70·9	102·5	77·9	90·2	+4·5	42	—	1·4	—	1·64
	Singbhum	Chaibassa ...	29·061	28·746	28·880	29·582	—·048	114·8	73·7	108·6	82·5	95·6	+4·8	57	—	1·8	—	2·26
Assam	Sibsagar	Sibsagar ...	29·560	29·325	29·422	29·713	—·067	92·6	68·4	83·4	72·1	77·7	—1·3	95	+6	9·4	+1·3	15·76
	Goalpara	Dhubri ...	29·792	29·548	29·637	29·707	—·043	89·2	68·8	81·7	72·3	76·9	—2·0	92	+6	8·4	+3·1	32·70
	Cachar	Silchar ...	29·848	29·589	29·681	29·757	—·027	93·5	67·3	86·9	73·0	80·0	0	89	+5	8·3	+1·4	20·24

Bengal for the month of May 1892.

DISTRICT OBSERVATIONS.												
RAINFALL.										Representative stations.	DISTRICT.	METEOROLOGICAL DIVISION.
Of month.					Since 16th May 1892.							
Mean of district.	Normal mean.	Variation from mean.	Number of rainy days.	Normal mean number of rainy days.	Mean of district.	Normal mean.	Variation.	Mean number of rainy days.	Normal mean number of rainy days.			
1·06	3·00	—1·94	0·75	4·11	1·06	1·91	—0·85	0·75	2·21	Puri ... / Gopalpur ... / False Point ...	Puri	ORISSA.
1·35	3·51	—2·16	2·00	5·26	0·97	2·03	—1·06	1·40	3·11	Cuttack ...	Cuttack	
3·03	4·75	—1·72	4·50	7·13	2·52	2·49	+0·03	3·00	3·47	Balasore ..	Balasore	
4·23	4·80	—0·57	6·00	6·70	2·97	2·11	+0·86	5·00	3·45	Saugor Island	South-West Midnapore and South 24-Parganas.	SOUTH-WEST BENGAL.
4·89	5·19	—0·30	7·66	6·70	3·05	1·93	+1·12	4·33	3·36	Midnapore ...	Midnapore	
3·95	5·66	—1·71	7·20	7·61	3·05	2·52	+0·53	4·80	3·86	Calcutta ...	24-Parganas, Howrah, and Hooghly.	
3·62	5·05	—1·43	9·33	6·66	2·41	2·53	—0·12	5·00	3·40	Burdwan ...	Burdwan	
4·11	3·83	+0·28	6·50	6·76	3·74	2·01	+1·73	6·00	3·16	Bankura ...	Bankura	
2·97	3·41	—0·44	5·75	6·03	2·22	1·94	+0·28	4·00	3·17	Raniganj ...	West Burdwan and Birbhum.	
5·26	5·26	0	8·83	7·42	4·02	3·08	+0·94	6·33	4·11	Berhampore ...	Murshidabad	
6·12	6·37	—0·25	9·80	7·94	3·01	3·37	—0·36	5·20	4·11	Krishnagar ...	Nadia	
6·70	6·79	—0·09	9·50	8·63	3·23	3·15	+0·08	4·25	4·31	Jessore ...	Jessore and Khulna ...	
12·55	10·00	+2·55	10·50	10·01	3·34	4·97	—1·63	3·50	4·88	Chittagong ...	Chittagong	EAST BENGAL.
15·26	9·53	+5·73	11·00	11·60	5·87	4·16	+1·71	4·00	5·30	Demagri ...	Chittagong Hill Tracts	
5·65	7·66	—2·01	9·25	9·40	1·56	3·73	—2·17	3·00	4·71	Barisal ...	Backergunge	
9·65	10·39	—0·74	10·50	10·93	5·13	4·53	+0·60	5·00	5·15	Noakhali ..	Noakhali	
8·42	8·59	—0·17	12·00	10·21	4·98	4·09	+0·89	5·67	4·76	Faridpur ...	Faridpur	
8·83	8·86	—0·03	11·50	11·09	5·84	3·89	+1·95	5·50	5·20	Dacca ...	Dacca	
13·33	10·13	+3·20	12·25	11·71	6·99	4·26	+2·73	5·60	5·24	Comilla ...	Comilla	
16·18	9·70	+6·48	14·80	11·51	10·55	4·56	+5·99	8·00	5·84	Mymensingh ..	Mymensingh	
6·18	7·79	—1·61	11·50	9·11	4·56	4·51	+0·05	8·75	4·99	Bogra ...	Bogra	NORTH BENGAL.
8·47	7·11	+1·36	12·00	9·20	5·91	3·70	+2·21	8·00	4·73	Sirajganj ...	Pabna	
6·19	5·87	+0·32	8·07	7·49	5·00	3·49	+1·51	6·33	4·13	Rampur Boalia.	Rajshahi	
1·45	4·49	—3·04	3·00	5·64	0·62	2·77	—2·15	2·50	3·04	Malda ...	Malda	
4·56	6·10	—1·54	7·10	6·74	2·70	4·11	—1·41	4·40	3·77	Dinajpur ...	Dinajpur	
16·71	11·23	+5·48	16·00	10·99	9·00	7·09	+1·91	7·75	6·05	Rangpur ...	Rangpur	
33·03	13·10	+19·93	24·80	12·80	21·81	8·29	+13·52	14·40	7·12	Jalpaiguri ...	Jalpaiguri and Kuch Bihar.	
17·37	10·85	+6·52	19·75	12·91	12·79	6·79	+6·00	12·75	7·08	Darjeeling ...	Darjeeling Hill Tracts.	
4·45	4·94	—0·49	7·40	5·50	3·30	2·95	+0·35	4·60	2·84	Purnea ...	Purnea and North Bhagalpur.	NORTH BEHAR.
0·93	2·46	—1·53	2·33	3·57	0·75	1·30	—0·55	2·00	1·86	Muzaffarpur ...	Muzaffarpur	
1·52	2·63	—1·11	3·00	3·61	1·44	1·28	+0·16	2·67	1·74	Darbhanga ...	Darbhanga	
2·38	2·59	—0·21	3·50	3·93	2·26	1·28	+0·98	3·00	2·05	Motihari ...	Champaran	
0·79	2·00	—1·21	1·33	2·82	0·79	1·09	—0·30	1·33	1·51	Chapra ...	Saran	
0·26	1·32	—1·06	1·20	2·03	0·26	0·84	—0·58	1·20	1·07	Dehri ... / Buxar ... / Arrah ...	Shahabad	SOUTH BEHAR.
0·25	1·77	—1·52	0·50	2·28	0·25	1·32	—1·07	0·50	1·31	Gaya ...	Gaya	
0·27	2·09	—1·82	1·25	2·65	0·27	1·35	—1·08	1·25	1·51	Bankipur .	Patna	
0·69	2·45	—1·76	1·60	3·45	0·63	1·54	—0·91	1·29	1·85	Bhágalpur ...	South Bhágalpur and Monghyr.	
2·28	3·84	—1·56	4·17	5·22	2·00	2·33	—0·33	3·50	2·80	Naya Dumka ..	Southal Parganas ...	
1·52	2·46	—0·94	2·60	3·94	1·40	1·52	—0·12	2·40	2·21	Hazaribágh ...	Hazáribágh	CHOTA NAGPUR.
0·78	2·85	—2·07	2·00	4·34	0·78	1·87	—1·09	2·00	2·67	Ranchi ..	Lohardaga	
0·16	1·41	—1·25	1·00	2·53	0·16	1·05	—0·89	1·00	1·53		Palamau	
1·95	2·77	—0·82	4·50	4·54	1·62	1·53	+0·09	3·50	2·32		Manbhum	
2·19	4·17	—1·98	3·00	6·11	2·19	2·42	—0·23	3·00	3·47	Chaibassa ...	Singhbhum	
										Sibsagar... ...	Sibsagar	ASSAM.
										Dhubri	Goalpara	
										Silchar	Cachar	

Table of Rainfall recorded at stations

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ORISSA ...	Puri ...	Puri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khurda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		False Point ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gop ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Satpara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pipli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cuttack ...	Jagatsingpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banki ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Cuttack ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·18	...	...	...	...	...
		Kendrapara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jajpur ...	...	...	...	...	...	...	...	0·44	...	...	0·28	...	...	...	...	...	...	...	...	...
		Dharmsalla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sulipur ...	...	...	...	...	...	...	0·07	...	...	...	...	...	...	...	...	...	...	...	...	...
	Balasore ...	Akhyapada ...	...	...	...	...	...	...	...	1·38	...	...	...	...	...	...	...	...	...	...	...	...
		Chandbali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhadrak ...	...	...	...	...	...	...	...	0·68	...	...	...	...	...	...	0·12	...	...	...	...	...
		Sorab ...	...	...	...	...	...	...	0·20	...	...	...	...	...	...	...	0·22	...	...	...	...	...
		Balasore ...	...	...	...	...	...	...	...	0·08	...	...	...	0·17	...	...	0·03	...	...	...	...	...
		Jellasore ...	...	...	...	...	...	...	...	...	...	...	...	0·08	...	...	...	...	...	...	...	...
		Baripodah ...	...	...	...	...	...	...	...	0·03	...	0·01	...	...	...	1·38	...	...	...	...	...	...
SOUTH-WEST BENGAL.	Midnapore ...	Contai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·22	...	...	...	...	...	...
		Saugor Island	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Tamluk ...	...	...	...	...	...	...	...	0·22	...	...	...	...	...	0·70	...	...	...	...	...	...
		Midnapore ...	...	...	...	...	...	...	...	...	0·03	...	0·18	0·19	...	0·41	0·42	...	...	...	...	...
		Ghatál ...	...	...	...	...	...	...	...	0·71	...	...	1·00	0·37	...	1·27	...	...	...	...	...	...
		Kukrahaty ...	...	...	...	...	...	...	...	1·17	...	...	...	...	...	1·02	...	...	...	...	...	...
		Garhbeta ...	...	...	...	...	...	...	...	...	...	...	...	0·30	...	0·65	...	...	...	...	...	...
	24-Parganas...	Diamond Harbour.	...	...	...	...	...	...	...	3·10	...	...	...	...	...	0·45	...	...	...	...	...	...
		Canning Town	...	...	...	...	...	...	...	...	...	...	...	...	...	1·20	...	...	...	...	...	...
		Alipore Jail ...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	0·20	...	...	...	...	...	...
		Barrackpore...	...	...	...	...	...	...	...	0·30	...	...	0·35	...	...	...	...	...	...	...	...	...
		Dum-Dum ...	...	...	...	...	...	...	...	...	...	...	0·34	...	...	0·75	...	...	...	...	...	...
		Barasat ...	...	...	...	...	...	...	...	...	...	...	0·28	...	...	1·22	...	...	...	...	...	...
		Basirhat ...	...	...	...	...	...	...	...	0·21	...	...	0·24	...	...	0·10	...	...	...	...	...	...
	Howrah ...	Howrah ...	...	...	...	...	...	...	...	...	...	...	0·12	...	...	0·40	...	...	...	...	...	...
		Mohesreka ...	...	...	...	...	...	...	...	0·15	...	...	0·03	0·03	...	0·11	...	...	...	...	...	...
		Uluberia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·41	...	...	...	...	...	...
	Hooghly ...	Serampore ...	...	...	...	...	...	...	...	0·08	...	...	0·21	...	...	0·07	0·07	...	...	...	...	...
		Hooghly ...	...	...	...	...	...	...	...	0·24	...	...	0·37	0·10	...	1·36	...	...	...	...	...	...
		Jahánabad ...	...	...	...	...	...	...	...	0·09	0·39	...	0·21	0·22	...	0·59	...	...	...	...	...	...
	Burdwan ...	Kalna ...	...	...	...	...	...	...	...	0·20	0·30	...	0·46	0·28	...	0·10	...	...	...	...	...	...
		Burdwan ...	...	...	...	...	...	...	...	...	0·17	...	0·03	0·15	...	0·33	...	...	...	...	...	...
		Katwa ...	...	...	...	...	...	...	...	0·23	0·50	...	...	0·12	...	0·38	0·11	...	...	...	...	0·45
		Raniganj ...	...	...	...	...	...	...	...	...	0·07	...	...	...	...	...	...	...	...	...	...	...
		Mankur ...	...	...	...	...	...	...	0·21	...	...	...	...	0·51	...	1·25	...	...	...	...	...	...
	Bankura ...	Bankura ...	...	...	...	...	...	...	...	...	...	...	1·16	0·01	...	0·28	...	...	...	...	...	...
		Bishenpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Malnara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khatra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Indas ...	...	...	...	...	...	...	...	...	...	...	0·90	0·17	...	...	...	...	...	...	...	...
		Kotalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Auda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gangajalghati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Raipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·18	0·41	...	...	...	...	...
		Sonamukhi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·70	...	...	...	...	...	...
	Birbhum ...	Bh. Suri ...	...	...	...	...	...	...	...	...	0·14	...	...	0·10	...	0·03	...	...	...	...	...	...
		Hetampur ...	...	...	...	...	...	0·03	...	...	0·39	...	...	0·07	...	0·31	...	...	...	...	0·03	0·05
		Rampur Hat	...	...	...	...	...	...	0·12	...	0·09	...	...	0·37	...	0·69	...	...	...	...	...	0·08
		Bolpur ...	...	...	...	...	...	...	...	...	0·49	...	...	0·20	...	0·22	...	...	...	...	...	...
		Murarai ...	...	...	...	...	...	...	1·10	...	...	...	...	0·14	...	...	0·05	...	...	...	...	...
	Nadia ...	Ranaghat ...	...	...	...	...	...	0·28	...	1·14	0·08	...	0·18	0·21	...	0·58	...	...	...	...	...	...
		Krishnagar ...	...	...	...	...	...	...	...	0·39	0·75	...	0·06	...	...	0·52	0·13	...	...	...	...	0·01
		Chuadanga ...	...	...	...	...	...	...	...	1·31	0·68	...	1·09	0·49	1·31	...	0·76	...	...	...	...	...
		Meherpur ...	...	...	...	...	...	...	...	...	0·43	...	0·02	0·32	0·43	...	...	...	...	...	...	...
		Kushtia ...	...	...	...	...	...	...	0·05	1·87	0·20	...	0·07	0·30	0·42	0·02	1·14	...	0·21	...	0·21	0·03
	Khulna ...	Satkhira ...	0·37	...	...	...	...	...	...	1·29	0·30	...	0·30	0·30	...	0·50	0·22	...	...	...	...	...
		Bagerhat ...	...	...	...	...	...	...	...	1·48	...	...	0·19	0·00	0·13	1·69	...	...	...	...	...	...
		Khulna ...	...	...	...	...	...	...	...	1·13	0·12	...	0·06	0·50	...	0·62	...	...	...	...	...	...
		Nakipur ...	...	...	...	...	...	...	...	...	...	...	...	0·62	...	0·72	...	...	...	...	...	...
		Rampal ...	...	...	...	...	...	...	...	0·66	...	...	0·40	0·38	...	0·68	...	...	...	...	...	...
	Jessore ...	Narail ...	0·35	...	...	...	...	0·08	...	0·09	0·45	...	...	1·23	...	0·44	0·09	...	...	...	...	...
		Jessore ...	...	...	...	...	...	0·17	...	1·13	0·64	...	0·02	0·35	...	0·02	1·96	...	...	...	...	...
		Jhenidah ...	...	...	...	...	...	...	2·80	0·29	0·79	...	...	0·60	0·19	0·50	0·19	...	...	...	...	...
		Magura ...	...	...	...	...	...	...	0·11	0·33	0·63	...	...	0·49	...	0·20	0·96	...	...	...	...	...
		Bangaon ...	...	...	...	...	...	...	...	1·60	0·15	...	...	0·80	...	0·50	...	...	...	...	...	...
	Murshidabad	Kandi ...	...	...	...	0·08	...	...	...	...	0·22	...	...	1·00	0·35	...	...	...	...	...	...	0·45
		Berhampore...	...	...	...	...	...	...	0·69	...	0·37	0·22	...	0·10	...	0·13	0·25	...	...	...	...	0·27
		Lalbagh ...	...	...	...	...	...	...	0·18	...	0·00	...	...	0·06	...	0·30	0·91	...	...	...	0·06	0·86
		Azimganj ...	...	...	...	...	...	...	[illegible]	...	...	...	...	...	...	0·20	0·30	...	...	...	0·74	1·52
		Jangipur ...	...	...	...	...	...	...	0·07	...	...	...	...	...	...	...	[illegible]	...	...	...	0·10	0·38
		Lalgola ...	...	...	...	...	...	...	[illegible]	...	...	...	...	...	...	...	[illegible]	...	...	...	...	1·00
		Akhriganj ...	...	...	...	...	...	...	0·10	...	0·07	...	...	0·18	...	0·41	[illegible]	...	...	...	0·25	1·36
		Patkabari ...	...	...	...	...	...	...	...	...	0·70	...	...	0·40	0·20	0·20	0·50	...	...	...	...	...
EAST BENGAL	Chittagong ...	Cox's Bazar ...	1·96	...	...	...	0·40	...	...	...	0·34	0·70	0·60	1·62	1·31	0·72	...	...	...	...	...	...
		Chittagong ...	4·04	...	...	...	...	...	...	...	1·15	1·08	1·03	1·22	2·00	...	...	...	...	...	...	...
		Kutabdia ...	1·27	...	...	...	...	...	...	...	...	...	2·00	2·25	1·73	0·20	...	...	...	...	...	...
		Satkania ...	1·47	...	...	...	...	...	...	...	0·86	0·32	0·42	1·41	1·33	...	...	...	...	...	...	...
	Chittagong Hill Tracts.	Rangamati ...	2·87	...	...	...	...	...	0·37	...	0·63	0·88	1·25	1·31	2·08	...	...	...	...	...	...	...
		Bandarban ...	1·04	...	...	...	...	...	0·14	...	0·80	1·70	1·27	1·35	1·44	...	...	...	...	...	...	...

in Bengal in May 1892.

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 16th May 1892 to 31st May 1892.	Average rainfall from 16th May to 31st May.	Station.	District.	Meteorological division.
...	...	...	...	...	...	...	...	...	...	...	Nil	3·45	Nil	2·58	Nil	Nil	1·46	Puri ...	Puri ...	ORISSA.
...	...	0·05	...	1·32	...	...	...	...	...	...	1	4·84	1·37	3·51	1·32	1·37	2·07	Khurda.		
...	...	...	...	0·65	0·01	0·03	...	...	0·02	...	1	3·58	0·71	2·06	0·65	0·31	1·71	Banpur.		
...	...	2·12	...	...	...	0·03	0·02	...	...	...	1	4·58	2·17	3·84	2·12	2·17	2·31	False Point.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Gop.*		
...	...	...	...	...	...	0·03	...	...	...	...	Nil	?	0·03	?	0·03	0·03	?	*Satpara.*		
...	0·02	...	0·43	...	...	...	...	...	...	...	1	?	0·45	?	0·43	0·45	?	*Pipli.*		
...	...	...	...	...	...	0·34	...	...	...	...	1	4·35	0·34	2·09	0·34	0·34	1·41	Jagatsingpur.	Cuttack.	
...	...	...	...	1·45	...	...	0·40	...	...	...	2	3·63	1·85	2·05	1·45	1·85	1·47	Banki.		
0·36	...	0·17	...	0·04	...	...	...	...	...	...	3	5·50	1·75	4·29	1·18	0·57	2·80	Cuttack.		
...	...	0·42	...	0·01	...	...	0·05	...	...	0·06	1	5·68	0·54	3·91	0·42	0·54	1·98	Kendrapara.		
...	...	1·55	...	...	...	...	...	...	...	...	3	7·16	2·27	4·49	1·55	1·55	2·48	Jajpur.		
...	...	1·00	...	...	...	...	0·12	...	...	...	2	?	1·12	?	1·00	1·12	?	*Dharmsala.*		
...	...	0·31	...	0·06	...	...	...	...	...	...	1	?	0·43	?	0·30	0·31	?	*Salipur.*		
...	...	1·42	...	...	...	...	...	...	...	...	2	?	2·80	?	1·42	1·42	?	Akhyapada.		
...	1·50	...	...	...	...	...	...	...	...	...	1	6·41	1·50	4·99	1·50	1·50	2·36	Chandbali ...	Balasore.	
...	1·90	...	0·15	...	...	...	0·03	...	...	0·04	4	7·11	2·92	5·16	1·90	2·12	3·06	Bhadrak.		
...	1·42	1·53	0·12	...	...	...	...	...	...	0·46	6	7·12	3·95	5·09	1·53	3·53	3·05	Sorah.		
...	...	1·50	0·78	0·02	...	...	...	...	...	...	3	8·50	2·58	4·97	1·50	2·30	2·69	Balasore.		
...	0·40	0·33	...	...	0·19	...	...	...	1·32	0·47	5	5·88	2·79	3·37	1·32	2·71	1·69	Jellasore.		
...	0·28	0·65	...	...	...	...	...	...	0·10	1·90	5	7·73	4·35	4·91	1·90	2·93	2·11	Bartipodah.		
...	...	1·17	0·03	...	...	0·04	...	...	0·04	1·61	3	5·90	3·11	4·57	1·61	2·89	2·01	Contai	Midnapore ...	SOUTH-WEST BENGAL.
...	0·02	0·57	0·05	...	...	0·20	...	0·21	0·10	1·54	5	7·05	1·69	4·66	0·57	1·69	2·35	Saugor Island.		
...	...	1·04	0·06	...	...	...	...	0·86	0·04	1·34	5	6·11	4·28	5·07	1·34	3·34	2·20	Tamluk.		
0·04	...	0·54	0·45	...	...	0·14	...	...	0·05	0·84	8	7·05	3·29	5·14	0·84	2·06	1·94	Midnapore.		
...	0·13	1·76	0·49	...	...	0·33	...	0·91	...	0·14	10	6·93	7·11	5·38	1·76	3·76	1·64	Ghatal.		
...	0·04	1·23	...	...	1·15	...	0·05	0·45	0·04	0·83	6	?	5·98	?	1·23	3·79	?	*Kukrahaty.*		
...	0·05	...	0·50	...	...	0·15	...	1·32	0·14	0·49	7	?	3·51	?	1·32	2·56	?	*Garhbeta.*		
...	0·13	1·07	0·10	...	1·07	...	0·54	0·88	0·15	0·40	10	7·16	7·89	5·16	3·10	4·34	1·96	Diamond Harbour.	24-Parganas.	
...	0·14	0·70	...	...	...	...	0·65	...	...	...	4	?	2·60	?	1·20	1·49	?	*Canning Town.*		
...	0·91	0·90	0·43	...	0·08	0·02	1·18	0·59	...	0·04	7	7·32	4·45	5·42	1·18	4·15	2·36	Alipore Jail.		
...	0·10	0·07	0·59	...	0·15	...	1·29	...	...	...	6	7·58	2·67	5·24	1·29	2·02	2·16	Barrackpore.		
...	0·46	0·14	0·39	...	...	0·91	1·00	...	...	...	7	8·21	3·90	5·93	1·00	2·81	2·74	Dum-Dum.		
...	0·40	0·10	0·32	...	...	0·57	1·02	...	...	...	7	8·11	4·60	6·05	1·02	3·10	2·67	Barasat.		
...	...	0·18	0·13	0·67	...	...	0·98	...	0·06	0·74	8	8·05	3·31	6·06	0·98	2·76	3·71	Basirhat.		
...	0·95	0·24	...	0·06	...	0·75	...	0·59	...	...	6	7·30	3·02	5·16	0·95	2·59	2·14	Howrah ...	Howrah.	
...	0·04	0·28	0·29	...	0·07	...	0·61	0·94	0·08	0·35	7	7·28	2·98	6·25	0·94	2·66	2·41	Mohesrekha.		
...	...	1·08	0·22	...	0·31	...	0·44	0·73	0·42	0·27	8	?	3·83	?	1·08	3·47	?	*Ulubaria.*		
...	0·08	0·08	0·69	...	0·20	...	2·15	...	0·04	...	4	7·84	3·57	4·98	2·15	3·14	2·00	Serampore ...	Hooghly.	
...	...	0·16	0·43	...	...	...	1·22	0·28	0·10	0·92	10	7·25	5·18	5·77	1·36	3·11	2·59	Hooghly.		
...	0·41	0·31	0·55	...	2·68	...	...	0·14	0·19	...	10	7·11	5·78	5·17	2·68	4·28	2·48	Jahánabad.		
0·92	...	0·37	0·12	...	0·10	...	...	...	0·95	...	10	6·47	3·80	4·86	0·95	2·46	2·16	Kalna ...	Burdwan.	
0·34	0·04	0·02	1·20	...	0·03	...	...	0·47	0·84	...	7	7·65	3·92	4·98	1·20	2·94	2·71	Burdwan.		
0·05	0·48	0·14	0·25	...	...	0·27	...	0·20	...	...	11	6·47	3·15	5·31	0·50	1·84	2·72	Katwa.		
0·31	...	0·02	0·29	1·17	0·74	...	...	0·08	...	...	4	5·50	2·68	3·13	1·17	2·61	2·00	Raniganj		
0·02	...	...	...	0·13	...	...	...	0·44	...	...	6	?	3·16	?	1·25	1·19	?	*Mankur.*		
...	0·40	0·24	0·02	1·24	1·21	...	...	0·14	...	...	8	8·45	5·30	3·87	1·24	3·83	2·14	Bankura ..	Bankura.	
0·31	0·29	1·70	1·14	...	0·39	...	...	0·77	0·10	0·22	8	7·45	5·12	4·79	1·70	5·12	2·27	Bishenpur.		
...	...	...	...	0·21	0·16	1·20	...	0·03	...	...	3	5·45	1·60	3·25	1·20	1·60	2·00	Mahara.		
0·55	1·05	...	0·70	...	0·12	...	...	0·78	1·05	0·15	7	5·70	4·40	3·39	1·05	4·40	2·01	Khatra.		
0·39	...	...	1·20	...	2·24	...	...	0·63	0·29	...	7	?	5·82	?	2·24	4·75	?	Indas.		
...	...	0·14	1·13	...	0·15	...	...	0·47	...	...	4	?	1·89	?	0·47	1·89	?	Kotalpur.		
0·45	1·15	0·01	0·05	0·49	...	...	...	0·72	...	1·60	6	?	5·07	?	1·60	5·07	?	Anda.		
...	...	...	0·95	0·85	0·57	0·13	...	...	...	...	4	?	2·50	?	0·95	2·50	?	Gangajalghati.		
...	...	...	0·62	...	0·81	...	...	...	0·37	0·72	6	?	3·20	?	0·72	2·31	?	*Raipur.*		
...	...	0·42	0·48	...	0·59	...	...	1·38	0·04	...	6	?	4·21	?	1·38	3·51	?	*Sonamukhi.*		
...	...	...	0·71	0·80	0·35	0·05	...	0·24	...	...	6	5·9	2·42	3·72	0·80	2·15	2·16	Bh. Suri ..	Birbhum.	
...	0·05	0·05	0·23	...	...	0·45	...	0·27	...	...	6	6·46	2·83	3·05	0·95	2·03	2·02	Hetampur.		
...	...	...	0·15	...	0·31	0·36	...	...	...	1·14	7	6·19	3·04	3·67	1·14	2·07	2·00	Rampur Hat.		
0·27	0·52	...	0·35	...	...	0·45	...	...	...	...	7	?	2·59	?	0·52	1·59	?	*Bolpore.*		
0·05	...	...	0·70	0·35	0·15	1·40	...	...	...	1·50	8	?	6·04	?	1·50	4·75	?	*Morarai*		
0·32	0·02	0·57	0·26	...	0·45	0·04	...	0·82	0·13	...	11	6·60	5·38	5·23	1·14	2·61	2·74	Rangahat ...	Nadia.	
0·16	...	...	0·11	...	0·02	...	...	0·06	0·03	...	6	7·55	2·24	5·83	0·75	0·39	2·54	Krishnagar.		
0·15	...	0·21	0·09	...	0·66	1·23	0·09	...	0·96	0·71	12	8·35	9·74	7·74	1·31	4·10	4·34	Chuadanga.		
0·36	...	0·40	0·20	...	...	...	...	...	1·13	1·18	8	7·00	4·47	5·82	1·18	3·27	3·18	Meherpur.		
0·53	...	1·05	0·77	...	1·13	...	...	...	...	0·75	12	8·70	8·75	7·10	1·87	4·08	4·05	Kushtia.		
0·05	0·04	0·20	0·07	...	1·41	0·50	0·06	...	...	0·05	10	7·79	5·57	6·28	1·41	2·38	3·00	Satkhira	Khulna.	
...	...	0·62	0·06	...	0·80	...	...	...	...	1·00	8	8·33	6·08	6·94	1·60	2·57	3·20	Bágerhat.		
0·03	...	2·04	...	0·11	0·84	...	...	...	...	...	7	8·58	5·45	6·62	2·04	3·02	2·62	Khulna.		
...	...	0·18	...	...	1·04	...	2·01	...	...	0·10	6	?	4·67	?	2·01	3·33	?	*Nakipur.*		
...	...	0·70	...	...	0·39	...	0·08	...	...	1·29	5	?	3·89	?	1·29	2·37	?	*Rampal.*		
...	...	0·73	...	...	0·24	0·05	1·45	...	...	0·29	9	9·58	6·39	6·79	1·45	3·06	2·75	Narail ..	Jessore.	
0·10	...	0·69	0·03	...	1·63	0·20	...	...	1·17	0·02	10	9·20	8·12	7·35	1·66	3·84	3·38	Jessore.		
0·01	...	0·34	0·22	...	0·54	0·50	...	...	1·13	0·79	13	9·00	8·80	6·53	2·80	3·53	3·35	Jhenidah.		
0·03	0·13	1·10	...	...	1·40	0·06	0·60	...	...	0·68	11	9·79	6·62	7·35	1·40	3·90	3·86	Magura.		
0·05	...	0·17	0·40	...	1·00	...	0·70	...	...	...	8	6·80	5·07	5·88	1·00	2·92	3·03	Bangaon.		
0·20	...	0·02	0·22	...	...	0·29	...	...	...	0·14	7	7·13	2·97	4·55	1·00	1·32	3·00	Kandi ...	Murshidabad.	
0·83	...	0·22	0·25	0·04	0·39	0·34	...	...	0·51	0·72	13	8·56	4·64	5·54	0·72	3·48	3·01	Berhampore.		
...	...	0·96	1·22	0·03	1·50	0·30	...	...	0·27	1·32	10	7·42	8·06	5·19	1·50	6·52	3·39	Lalbagh.		
...	...	0·18	0·60	...	0·075	0·04	...	...	...	1·10	8	7·37	5·45	5·25	1·52	4·93	3·21	Azimganj.		
...	0·02	0·15	1·23	0·54	0·01	0·35	...	...	...	0·93	8	6·75	4·68	5·00	1·23	3·71	3·03	Jangipur.		
...	...	...	1·25	...	0·60	0·20	...	...	...	1·10	7	7·31	5·75	5·72	1·35	4·15	3·43	Lalgola.		
...	...	...	1·80	...	0·40	...	...	...	0·98	0·35	9	?	5·99	?	1·80	5·14	?	*Akhriganj.*		
0·40	0·10	0·20	...	...	...	...	...	...	0·30	1·50	10	?	4·30	?	1·50	2·50	?	*Patkabari.*		
...	0·38	...	...	...	...	...	0·53	0·49	...	3·82	12	10·11	12·87	10·36	3·82	5·22	5·18	Cox's Bazar ...	Chittagong .	EAST BENGAL.
...	0·56	0·55	...	...	...	...	...	...	...	0·35	9	9·90	12·22	9·63	4·04	1·46	4·76	Chittagong.		
...	0·52	1·92	0·06	...	...	...	...	0·03	...	1·90	7	?	11·88	?	2·25	4·43	?	*Kutubdia.*		
...	0·32	1·33	...	...	...	...	...	...	...	1·95	9	?	9·41	?	1·95	3·00	?	*Satkanya.*		
...	1·04	1·35	...	...	...	...	0·39	...	...	3·00	11	11·50	15·26	10·13	3·00	5·87	4·16	Rangamati ...	Chittagong Hill Tracts.	
0·27	0·06	2·50	...	...	...	0·06	0·32	...	...	0·77	11	?	11·72	?	2·50	3·98	?	*Bandarban* ...		

Table of Rainfall recorded at Stations

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EAST BENGAL—concld.	Backergunge...	Patuakhali ...	...	...	...	...	...	...	...	...	0·15	...	0·42	0·58	0·43	1·30	0·24	...	...	...	...	...
		Pirojepur ...	...	...	...	...	...	...	...	0·57	0·04	...	...	0·96	0·12	1·32	0·32	...	...	...	...	...
		Barisal ...	...	...	...	...	...	...	...	0·35	1·05	...	0·15	1·15	0·75	1·45	0·11	...	...	...	...	...
		Gournaddi ...	...	...	...	...	...	...	...	1·70	0·72	...	0·80	1·05	1·45	1·22	0·04	...	...	...	...	...
		Bhola ...	...	...	...	...	...	...	...	0·60	1·62	...	0·40	0·70	0·68	0·61	0·34	...	...	...	...	...
		Deutalkhan ..	...	...	...	...	...	...	...	...	1·23	...	1·31	0·90	1·12	0·66	0·09	...	...	...	...	...
		Bauphal ...	...	...	...	...	...	...	1·72	...	0·23	...	0·09	0·40	1·70	0·60	0·16	...	1·82	...	...	...
	Noakhali ...	Noakhali ...	0·04	...	...	...	...	...	...	...	0·56	...	0·37	1·14	0·81	0·59	...	...	...	...	...	...
		Fenny ...	0·60	...	...	...	...	...	...	...	0·65	1·30	0·60	0·75	1·65	...	...	...	...	...	...	0·25
		Harishpur ...	0·30	...	...	...	...	...	0·01	0·06	0·29	0·35	0·32	0·75	2·24	...	0·08	...	...	...	...	0·12
		Ramganj ..	1·20	...	...	...	...	...	...	0·17	0·22	...	0·19	0·65	1·51	0·09	...	...	...	...	...	...
	Faridpur ...	Madaripur ...	0·43	...	...	...	...	...	...	1·18	0·39	...	0·49	0·65	0·56	1·72	0·19	...	...	...	...	...
		Faridpur ...	0·60	...	...	...	...	0·30	...	0·24	0·45	...	...	0·75	0·48	...	...	...	1·25	...	...	...
		Goalundo ..	...	...	...	...	...	...	...	0·25	0·28	...	0·38	0·33	0·62	...	0·04	...	0·51	...	...	...
	Dacca ..	Munshiganj	0·49	...	...	...	...	...	...	0·63	0·23	1·12	...	0·33	0·19	...	0·58	...	...	...	...	...
		Dacca ..	0·41	...	...	...	...	...	...	0·65	0·16	0·73	0·01	0·38	0·04	...	0·35	...	...	...	...	...
		Narainganj	0·37	...	...	...	...	...	...	0·47	0·24	1·86	0·03	0·42	0·03	...	0·20	...	...	...	...	...
		Manikganj	0·45	...	...	...	...	0·08	0·08	0·54	0·36	0·12	0·23	...	0·01	...	0·09	...	0·10	...	...	...
		Joydebpur ...	0·29	...	...	...	...	0·11	1·60	1·31	0·28	0·29	...	0·11	0·02	...	0·23	0·03	0·37	...	...	...
	Hill Tippera	Agartola ...	...	0·24	...	...	...	...	0·36	0·49	...	2·45	0·50	0·10	...	0·62	...	...	...	...	...	...
	Tippera ..	Comilla ..	0·25	...	...	...	...	...	0·12	0·25	0·04	2·10	0·30	0·50	1·56	...	0·77	...	...	...	...	...
		Chandpur ...	1·72	...	...	...	...	...	...	0·80	0·46	...	0·08	1·72	3·60	0·14	...	...	...	...	...	...
		Brahmanbaria	1·30	...	...	...	...	...	1·12	0·44	0·75	2·50	...	0·10	...	...	...	0·28	0·20	...	...	...
		Ramchandra-pur.	...	...	...	...	...	...	0·94	...	0·50	...	...	...	...	...	...	...	...	...	...	...
		Nasirnagar .	...	...	...	0·20	...	...	1·10	1·49	...	...	1·60	...	0·50	...	0·60	...	...	...	...	...
		Daudkandi ...	...	...	...	...	...	...	...	...	0·50	3·29	0·25	0·51	0·09	0·01	...	...	...	...	...	...
		Kasba ..	...	...	...	...	0·15	0·30	0·50	0·09	0·02	1·15	0·09	...	...	0·30	...	...	...	...	...	...
		Laksham ..	1·40	...	...	...	...	...	...	...	0·25	1·90	...	2·00	...	...	...	...	...	...	...	...
	Mymensingh	Kishoreganj	0·42	...	...	...	...	...	0·30	1·89	0·60	2·24	0·69	0·41	0·36	0·13	...	1·62	0·37	...	...	...
		Atia (*Tangail*)	...	0·83	...	...	...	...	0·19	0·84	0·19	...	...	0·13	0·56	...	...	0·87	0·48	...	0·24	0·07
		Mymensingh	...	0·01	0·80	...	...	...	0·05	1·30	0·56	2·58	1·15	0·10	0·09	0·66	...	1·01	0·04	...	...	...
		Jamálpur ..	...	...	0·26	...	...	...	...	1·46	0·72	1·00	...	...	0·54	...	1·28	...	...	...	0·70	0·40
		Netrokona ...	...	...	...	0·21	...	...	...	1·44	0·72	2·15	...	0·36	...	0·92	...	0·55	0·37	...	...	...
		Subornakhali	...	...	...	...	...	...	0·86	0·88	0·15	0·56	...	...	0·19	...	...	...	...	...	...	...
		Durgapur .	...	...	...	0·40	0·78	0·60	0·10	0·35	1·10	2·18	0·50	1·91	0·68	...	...	...	...	...	...	0·60
		Sherpur Town	...	...	...	...	...	...	...	1·34	...	2·71	1·03	...	0·10	0·41	0·09	...	...	...	...	1·98
		Dewanganj ..	...	...	...	...	...	...	2·21	2·14	...	0·90	...	0·46	0·53	...	0·32	...	...	...	0·73	1·11
NORTH BENGAL	Pabna ..	Pabna ...	...	...	...	...	...	...	0·76	1·39	0·10	...	...	...	0·11	...	0·91	...	0·12	...	0·19	0·08
		Sirajganj ..	...	...	...	...	...	...	0·83	0·84	0·24	0·03	...	...	...	...	...	0·54	0·34	0·02	...	0·11
	Bogra ...	Sherpur ...	...	...	...	...	...	0·03	1·56	0·08	0·10	...	...	...	0·18	...	...	0·12	0·18	...	0·13	...
		Nowkhilla ..	...	...	...	...	...	...	0·07	0·86	0·06	0·75	...	...	0·71	...	...	0·45	0·10	...	0·73	0·10
		Bogra ...	...	...	...	...	...	...	0·19	...	0·02	0·20	...	...	0·70	...	...	0·20	...	...	0·80	0·05
		Panchbibi ..	...	...	...	...	...	...	...	...	0·48	0·05	...	...	0·51	...	0·03	...	...	...	...	0·21
	Rajshahi ...	Boalia ...	...	...	...	...	...	...	0·10	0·84	0·12	...	...	0·01	...	0·11	0·02	...	1·80	...	0·24	0·45
		Nator ...	...	...	...	...	...	...	1·90	...	...	...	...	...	0·05	...	0·13	0·07	0·49	...	0·93	...
		Naogaon ...	...	...	...	...	...	...	0·30	...	...	...	0·15	...	0·36	...	...	0·06	...	...	0·35	0·10
		Lalpur ...	...	...	...	...	...	...	0·30	0·04	...	...	...	...	...	...	0·35	0·45	...	...	0·55	0·04
		Manda ..	...	...	...	...	...	...	0·50	...	...	...	...	...	...	...	...	...	...	...	0·65	...
	Malda ...	Malda ...	...	...	...	...	...	...	...	0·01	...	...	...	...	0·65	...	...	...	0·03	...	...	0·02
		Chanchal ..	...	...	...	...	...	...	...	...	...	...	...	...	0·10	...	...	...	...	...	...	0·04
		Gajol ...	...	...	...	...	...	...	0·41	...	...	...	...	...	...	...	...	0·29	0·30	...	0·05	0·50
		Sibganj ...	...	...	...	...	...	...	0·11	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur ..	Mohadebpur	...	...	...	...	...	...	0·92	...	...	...	...	...	...	...	...	0·16	...	...	...	0·22
		Churamon ...	...	...	...	...	...	...	...	0·50	...	...	...	...	1·09	...	...	...	...	...	...	0·07
		Raiganj ..	...	...	...	...	...	...	...	...	0·55	...	0·43	...	0·46	...	...	...	...	...	...	0·07
		Dinajpur ...	...	...	...	...	...	...	2·49	...	0·46	...	0·66	...	0·41	...	...	...	...	0·01	...	1·18
		Baloorghat	...	...	...	...	...	...	0·24	...	0·27	...	...	...	0·78	...	...	...	...	...	...	0·03
		Thakurgaon..	...	...	...	...	...	...	0·05	0·55	0·70	0·09	0·97	...	0·41	...	...	...	...	...	0·40	1·46
	Rangpur ...	Bhawaniganj (*Gyabanda*).	...	...	...	...	...	...	...	2·50	1·20	3·10	0·51	...	0·32	0·23	...	...	...	...	...	1·65
		Rangpur ...	...	...	...	...	...	...	0·24	1·44	0·71	0·74	1·34	0·16	0·71	0·99	...	0·02	...	...	...	3·19
		Kurigram ...	...	0·13	1·05	...	...	0·50	2·75	0·56	0·72	0·07	0·68	1·99	0·87	1·31	0·05	0·02	...	0·23	0·72	1·5[illegible]
		Bagdogra (*Nilphamari*).	...	...	0·05	...	...	...	0·90	1·36	0·80	0·45	1·17	0·03	0·31	0·90	...	0·03	0·01	0·06	0·04	1·55
		Ulipur ...	...	0·56	0·15	0·52	...	0·30	2·50	...	2·42	1·89	0·82	0·01	0·85	1·45	...	...	...	...	0·08	4·08
	Jalpaiguri ...	Jalpaiguri ..	...	0·02	0·20	0·10	...	1·68	0·13	0·11	0·87	0·01	0·03	0·33	0·68	1·08	0·31	1·58	1·28	1·65	3·70	3·38
		Alipore Duar	...	...	0·59	2·04	...	0·18	0·13	...	...	...	...	1·37	1·05	2·63	0·04	...	1·89	3·92	...	5·55
		Falacotta ...	...	...	0·82	1·31	...	0·77	0·47	...	0·38	...	...	0·96	1·15	0·59	0·92	1·60	3·01	1·45	1·88	0·97
		Debiganj ...	...	...	0·70	...	...	...	1·10	1·16	0·85	0·53	0·12	0·41	0·74	0·45	...	...	...	0·26	1·13	1·81
		Bhagatpur (*Nagrakatta*).	0·15	0·01	0·03	0·21	...	0·85	1·28	1·17	2·20	...	...	...	1·20	2·84	1·29	0·02	1·15	3·52	3·75	5·40
	Kuch Bihár ..	Dinhatta ..	...	...	0·26	0·84	...	1·04	0·24	0·09	2·08	0·03	0·43	2·21	1·75	0·28	2·53	3·81	0·28	2·46	1·00	1·12
		Kuch Bihár ...	...	...	1·35	1·30	...	3·33	1·22	...	0·40	...	0·38	3·94	3·44	0·80	0·97	0·70	2·85	3·50	2·09	1·42
		Mekhliganj ...	...	2·30	0·20	0·11	...	1·49	0·07	...	0·77	...	0·15	0·63	0·75	0·61	1·20	0·27	2·30	4·12	1·85	2·13
		Mathabhanga	...	...	0·33	0·71	...	3·30	0·50	0·20	0·43	0·25	0·50	2·12	2·95	0·30	1·81	1·02	3·34	3·37	1·57	0·95
	Darjeeling Hill	Buxa ...	1·13	0·39	...	0·32	...	0·09	0·81	1·12	1·30	0·04	0·02	0·04	0·93	0·56	0·86	0·14	2·21	3·37	4·71	5·65
		Siliguri ...	...	0·03	...	0·20	...	0·30	0·77	0·15	0·44	0·04	...	0·03	1·20	0·40	0·02	...	1·65	0·39	0·18	1·63
		Darjeeling ...	...	...	...	0·01	...	0·04	0·[illegible]5	2·40	0·01	0·03	0·03	...	0·40	0·76	0·18	0·02	0·90	0·17	0·88	0·47
		Kalimpong .	...	...	0·09	...	0·15	0·08	0·54	0·43	...	0·10	0·04	0·06	0·37	0·47	0·19	...	0·36	0·34	0·80	0·52
		Kurseong ...	...	...	0·20	0·02	...	0·30	0·80	0·60	0·40	0·05	0·09	0·03	0·93	1·42	0·20	0·03	0·03	0·09	1·30	1·94
NORTH BIHÁR	Purnea ...	Kishanganj ...	...	...	...	...	...	...	0·12	0·36	1·00	...	0·43	...	0·21	...	...	...	...	...	...	1·26
		Araria ...	...	...	...	...	...	...	...	0·13	0·50	...	0·55	...	0·12	...	...	...	...	...	...	0·85
		Purnea ...	...	...	...	...	...	...	...	0·37	...	...	0·23	...	1·15	...	...	...	...	...	...	0·01
		Gondwara (*Korah*).	...	...	...	...	...	...	...	...	...	...	0·12	...	...	...	...	...	...	...	...	...
		Barsoe ...	...	...	...	...	...	...	...	...	0·26	...	0·51	...	0·93	...	...	...	...	...	...	0·02
		Forbesgunj ...	...	...	...	...	...	...	...	0·17	1·74	...	0·80	...	...	...	...	...	...	...	...	1·70
		Kaliaganj ..	...	...	0·25	...	...	...	0·70	0·08	0·50	...	...	...	...	0·07	...	...	1·06	2·00	1·70	1·00
	North Bhágal-pur.	Madhipura ...	...	...	...	...	...	...	0·30	...	...	...	0·02	...	...	...	...	...	...	...	...	...
		Bongaon (Syfabad).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Supaul ...	...	...	...	...	...	...	...	...	...	...	0·29	...	...	...	...	...	...	...	...	...
		Protabganj ...	...	...	...	...	...	...	...	0·09	0·61	...	0·62	...	0·16	...	...	...	...	...	...	1·44

'n Bengal in May 1892—*continued.*

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 16th May 1892 to 31st May 1892.	Average rainfall from 16th May to 31st May.	Station.	District.	Meteorological division.
...	...	0·55	...	...	0·07	0·26	0·02	...	0·04	0·17	9	9·50	4·22	8·28	1·30	1·11	4·37	Patuakhali ...	Backergunge.	EAST BENGAL—*concld.*
...	...	1·00	0·05	...	0·29	0·20	...	...	...	0·56	9	8·63	5·43	7·10	1·32	2·10	3·22	Pirojpur.		
...	...	0·55	..	...	0·65	0·05	...	...	...	1·05	10	10·00	7·31	8·03	1·45	2·30	3·88	Barisal.		
...	...	1·74	...	...	..	...	...	...	...	0·68	8	?	9·41	?	1·74	3·42	?	*Gournaddi.*		
...	...	0·24	...	...	0·07	...	...	...	...	0·40	9	9·84	5·66	7·24	1·62	0·71	3·46	Bhola.		
...	...	0·69	...	...	0·19	2·96	...	...	...	0·09	8	?	9·24	?	2·96	3·93	?	Dotalkhan.		
...	...	1·14	...	...	1·32	0·87	...	...	...	...	10	?	10·05	?	1·82	5·13	?	*Bauphal.*		
...	0·10	1·19	...	...	...	0·95	...	...	...	1·32	9	10·00	7·07	9·82	1·32	3·56	4·54	Noakhali ...	Noakhali.	
...	2·60	0·92	...	0·31	...	...	...	0·22	...	2·40	12	11·85	12·24	10·97	2·60	6·69	4·52	Fenny.		
...	...	0·75	0·11	0·53	0·11	...	1·25	...	...	1·75	13	?	9·02	?	2·24	4·62	?	*Harishpur.*		
...	...	1·01	...	...	...	...	...	...	...	1·07	8	?	6·11	?	1·51	2·08	?	*Ramganj.*		
..	...	1·44	...	...	1·34	0·06	0·32	...	...	0·94	12	10·03	9·71	9·24	1·72	4·10	3·83	Madaripur .	Faridpur.	
...	0·20	2·00	0·12	...	1·31	0·06	...	...	...	0·80	12	10·70	8·55	8·90	2·00	5·73	4·79	Faridpur.		
...	1·54	0·92	0·04	...	0·71	0·14	...	...	...	0·64	12	9·80	7·00	7·63	1·54	5·10	3·64	Goalundo.		
0·27	1·37	2·98	...	..	...	0·32	...	...	...	1·55	12	11·24	10·06	9·43	2·98	6·49	4·13	Munshiganj ...	Dacca.	
0·03	1·70	3·04	...	0·11	0·04	...	...	...	...	1·73	10	11·10	9·38	8·95	3·04	6·65	3·96	Dacca.		
0·09	1·72	1·21	...	0·03	0·05	0·04	0·03	...	...	2·46	9	11·71	9·34	8·20	2·46	5·63	3·58	Naraingunj.		
0·45	0·63	1·20	0·37	0·22	0·13	..	0·22	0·11	...	1·15	15	10·29	6·54	8·85	1·20	4·58	3·87	Manikganj		
...	1·09	0·21	0·04	1·48	0·03	...	...	...	0·03	1·64	13	?	9·16	?	1·64	4·92	?	*Joydebpur.*		
...	2·88	0·46	...	...	...	...	...	0·43	...	3·47	11	11·53	12·00	10·74	3·47	7·24	4·10	Agartola ..	Hill Tippera.	
...	2·12	1·94	...	0·39	...	...	...	...	...	1·63	12	11·47	11·88	10·35	2·12	5·93	4·34	Comilla ..	Tippera.	
0·40	0·04	1·64	...	...	0·34	2·56	...	0·74	...	1·28	14	12·00	15·32	8·62	3·00	7·01	4·00	Chandpur.		
..	2·98	0·12	...	0·25	0·10	..	...	0·24	...	3·55	14	11·84	13·93	10·31	3·55	7·72	4·49	Brahmanbaria.		
...	2·03	0·06	0·01	...	...	...	...	0·05	...	1·01	4	?	4·60	?	2·03	3·16	?	*Ramchandrapur.*		
...	2·10	...	...	0·50	...	...	...	1·10	...	...	9	?	9·10	?	2·10	3·70	?	*Nasirnagar.*		
1·15	0·98	...	0·54	...	...	...	...	...	0·54	..	8	?	7·86	?	3·29	3·21	?	*Daudkandi.*		
...	1·03	1·17	0·50	...	0·30	...	...	0·24	.	0·59	11	?	6·34	?	1·17	3·74	?	*Kasba.*		
...	2·50	...	...	...	...	1·45	...	2·00	...	...	7	?	11·59	?	2·59	5·95	?	*Laksham.*		
...	5·32	0·12	0·62	1·96	...	...	...	1·92	..	0·85	17	11·74	19·82	10·19	5·32	12·78	4·57	Kishoreganj.	Mymensingh	
...	1·21	0·07	0·30	2·17	...	...	0·14	...	0·02	1·05	13	9·79	9·03	7·04	2·17	6·29	3·23	Atia (*Tangail*).		
0·14	4·38	0·03	0·35	1·49	...	...	0·54	1·28	0·01	0·70	16	13·05	18·48	11·03	4·38	11·18	5·83	Mymensingh.		
0·05	1·95	0·32	1·45	1·25	...	..	0·06	0·62	...	0·43	12	10·32	11·39	8·79	1·55	6·13	4·03	Jamálpur.		
0·41	0·81	0·26	...	1·39	...	0·76	0·18	3·99	.	1·49	16	12·63	22·16	11·46	6·81	10·36	5·15	Netrokona.		
0·12	0·68	...	0·37	1·32	...	...	...	...	0·48	0·20	13	?	6·73	?	1·32	4·00	?	*Subornakhali.*		
2·70	4·10	0·59	0·23	2·50	...	...	2·10	...	...	2·35	15	?	23·68	?	4·10	15·08	?	*Durgapur.*		
2·19	0·87	0·22	0·42	1·46	...	...	...	0·27	...	0·91	14	?	14·68	?	2·71	8·31	?	*Sherepur Town*		
2·98	0·32	...	1·09	...		0·31	...	0·56	0·54	1·46	15	?	15·75	?	2·08	9·10	?	*Dewanganj.*		
1·04	...	1·72	0·11	...	...	...	0·25	...	...	1·51	12	8·46	8·15	6·95	1·72	4·07	3·53	Pabna ...	Pabna ...	NORTH BENGAL.
...	1·12	1·01	0·41	1·79	...	...	...	1·02	0·07	0·41	12	9·95	8·78	7·27	1·79	6·84	3·87	Sirajganj.		
...	1·20	...	0·75	0·90	...	...	0·31	0·50	...	0·40	12	10·14	6·46	5·48	1·56	4·51	4·92	Sherpur ...	Bogra.	
0·43	0·45	0·19	0·62	0·50	...	...	..	1·43	0·05	0·44	14	9·43	7·93	6·92	1·43	5·49	3·77	Nowkhilla.		
0·18	0·05	0·02	1·47	0·35	...	...	0·31	1·06	..	0·62	11	9·31	6·13	8·37	1·47	5·11	4·74	Bogra.		
0·21	..	0·21	...	0·50	...	1·19	...	0·55	...	0·23	9	7·57	4·20	7·40	1·19	3·13	4·59	Panchbibi.		
...	...	0·29	1·60	0·00	0·08	...	...	...	0·18	0·75	9	7·90	4·73	5·44	1·60	3·65	3·08	Boalia	Rajshahi.	
...	...	0·80	1·33	0·83	0·23	...	..	...	...	1·64	10	7·85	9·71	6·82	1·00	7·56	3·54	Nator.		
0·05	...	...	...	1·42	...	...	0·61	...	...	0·70	7	6·71	4·14	5·36	1·42	3·79	3·84	*Naogaon.*		
0·27	1·10	0·82	1·16	...	...	...	...	...	...	0·52	10	?	5·97	?	1·16	5·12	?	*Lalpur.*		
...	...	0·00	0·15	...	...	...	..	...	...	1·15	7	?	3·85	?	1·15	3·00	?	*Manda.*		
0·01	...	...	0·22	0·02	...	...	0·45	...	0·01	0·17	3	5·65	0·94	4·13	0·45	0·93	2·49	Malda ..	Malda.	
0·01	...	...	...	...	0·62	...	0·68	...	...	...	3	5·62	1·96	4·86	0·68	1·31	3·04	Chanchal.		
...	...	..	0·23	...	..	...	1·00	...	...	0·11	5	?	2·49	?	1·00	1·98	?	*Gajol.*		
...	...	...	2·10	0·02	0·20	0·03	...	...	...	0·43	8	?	4·23	?	2·10	4·12	?	*Sibganj.*		
...	...	...	0·20	..	...	...	...	0·95	..	0·87	6	7·33	3·32	6·24	0·95	2·40	3·70	Mohadebpur .	Dinajpur.	
...	...	...	...	0·14	0·38	..	1·62	...	...	.	5	5·75	3·80	4·70	1·62	2·21	3·10	Churamon.		
0·26	0·03	...	0·15	1·15	...	...	1·28	0·34	...	...	8	6·62	4·72	6·23	1·28	3·28	3·70	Raiganj.		
0·73	0·04	0·03	0·09	0·64	..	...	0·08	0·88	...	0·39	9	7·60	7·09	7·22	2·49	3·96	4·83	Dinajpur.		
...	...	..	..	0·77	0·15	0·23	...	...	...	0·46	7	6·38	2·04	6·09	0··5	1·67	5·22	Baloorghat.		
2·36	...	0·45	0·07	...	..	2·02	0·30	...	0·32	...	11	?	10·15	?	2·02	7·58	?	*Thakurgaon.*		
2·70	1·93	0·35	...	0·44	...	1·12	0·12	0·16	...	1·00	15	10·05	17·33	8·80	3·10	9·47	5·17	Bhawaniganj (*Gyabanda*).	Rangpur.	
2·24	1·52	0·17	...	1·82	...	0·28	...	0·94	...	0·33	16	10·40	16·34	10·22	3·19	10·01	6·75	Rangpur.		
1·20	1·34	0·21	...	0·41	...	0·08	...	...	0·03	1·33	18	13·36	17·75	13·78	2·75	7·07	7·74	Kurigram.		
3·85	1·21	0·34	...	0·22	...	1·72	0·02	0·04	0·24	0·12	15	10·14	15·42	12·03	3·56	9·45	8·03	Baxdogra. (*Nilphamari.*)		
3·45	2·35	0·27	...	1·12	0·24	...	...	0·64	...	2·31	19	?	26·61	?	4·08	14·54	?	*Ulipur.*		
2·20	0·06	0·68	0·55	0·01	2·32	0·06	3·25	0·96	0·56	1·16	23	12·00	28·90	11·96	3·70	23·40	7·44	Jalpaiguri ...	Jalpaiguri.	
1·85	...	0·83	1·72	0·25	1·43	0·26	0·30	1·00	0·83	...	20	?	33·46	?	5·35	19·83	?	*Alipore Duar*		
1·01	0·54	...	2·71	...	2·85	0·22	2·82	...	1·61	0·17	22	?	28·21	?	3·01	20·84	?	*Falacotta.*		
1·59	0·27	0·25	0·14	0·34	...	2·00	...	0·11	0·32	0·21	21	?	14·49	?	2·00	8·43	?	*Debiganj.*		
2·75	0·40	0·31	0·16	0·25	1·70	...	3·38	1·09	1·03	2·90	23	?	38·82	?	3·40	27·81	?	*Bhagatpur* (*Nagrakatta*).		
1·81	1·27	0·26	1·39	0·03	0·04	3·61	0·24	0·39	0·67	0·70	24	12·58	39·84	13·96	3·81	10·08	9·40	Dinhatta ...	Kuch Bihar.	
3·05	0·91	0·44	3·21	0·19	2·68	0·08	1·02	4·26	1·32	1·37	25	14·28	46·22	14·70	4·26	29·09	8·00	Kuch Bihar.		
1·08	0·20	0·95	1·20	1·80	1·02	1·28	...	0·24	0·75	0·31	25	11·83	27·77	12·15	4·12	19·49	8·26	Mekliganj.		
2·20	0·30	0·90	1·73	0·18	0·33	0·35	...	0·25	0·88	0·62	27	13·31	31·39	12·66	3·37	17·99	8·34	Matabhanga.		
1·12	0·64	0·91	0·46	0·76	1·28	0·29	0·44	0·58	1·48	0·37	25	16·63	31·06	20·33	5·65	21·35	13·14	Buxa .	Darjeeling.	
0·99	0·13	...	0·11	...	1·78	...	2·80	...	1·24	0·10	18	11·27	14·87	8·80	2·80	11·20	6·03	Siliguri.		
2·57	0·55	0·01	0·14	0·05	0·29	0·90	1·11	0·11	0·16	...	17	13·47	12·79	8·58	2·57	8·28	4·34	Darjeeling.		
0·98	0·23	0·08	0·37	0·65	1·20	...	0·43	0·27	1·18	...	19	10·23	9·86	5·67	1·18	7·34	3·64	Kalimpong.		
0·27	0·13	0·37	1·72	0·09	0·60	0·03	0·11	...	0·60	0·03	17	?	12·28	?	1·94	7·24	?	Kurseong.		
1·96	...	0·40	...	0·13	0·08	...	0·19	...	0·35	0·50	13	7·17	6·99	6·32	1·96	4·87	3·96	Kishanganj ...	Purnea ...	NORTH BIHAR.
1·78	...	0·87	...	...	...	...	0·40	...	0·13	...	9	5·89	5·28	5·92	1·73	3·98	3·41	Araria.		
...	...	0·23	...	0·90	...	...	1·18	0·80	...	0·40	8	4·89	5·24	4·51	1·18	3·52	2·93	Purnea.		
...	...	0·45	0·17	0·55	...	...	1·36	...	...	0·19	6	?	2·84	?	1·36	2·72	?	*Gondwara* (*Korah*).		
0·03	0·13	...	0·97	...	...	...	1·71	0·40	...	0·18	8	?	5·14	?	1·71	3·44	?	*Barsoe.*		
0·90	...	1·12	...	0·05	...	...	0·43	1·12	...	...	8	?	8·09	?	1·76	5·38	?	*Forbesganj.*		
0·87	...	0·40	0·70	...	0·23	0·50	0·10	...	0·80	0·43	15	?	11·39	?	2·00	9·79	?	*Kaliaganj.*		
...	...	1·00	...	0·46	...	...	0·24	...	...	...	4	5·00	2·02	4·00	1·00	1·70	2·29	Madhipura .	North Bhágalpur.	
...	0·50					...		...	...	...		?		?			?	Bongaon. (Sylabad).		
...	...	0·60	...	0·60	...	...	1·22	...	...	...	4	4·55	2·71	3·80	1·22	2·42	2·17	Supaul.		
...	...	0·55	...	...	...	...	1·00	0·22	0·70	..	8	?	5·41	?	1·44	3·91	?	*Protabganj.*		

Table of Rainfall recorded at Stations in

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NORTH BIHAR—*concld.*	Darbhanga ...	Tajpur ...	...	...	...	...	...	...	...	...	...	...	0·03	...	...	...	...	...	...	...	...	...
		Darbhanga ...	...	...	...	...	...	...	...	...	...	...	0·22	...	...	...	...	...	...	...	...	...
		Madhubani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bahera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rosera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muzaffarpur	Sitamarhi ...	...	...	...	...	...	...	...	...	...	...	0·55	...	...	...	...	...	...	...	...	...
		Muzaffarpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hajipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Paru ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahua ...	...	...	...	...	...	...	...	...	...	...	0·38	...	...	...	...	...	...	...	...	...
		Siuhar ...	...	...	...	...	...	...	...	...	...	...	0·50	...	...	...	...	...	...	...	...	...
		Pupri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Champaran ...	Motihari ...	...	...	...	...	...	...	...	...	...	...	0·20	...	...	...	...	...	...	...	...	...
		Bettiah ...	...	...	...	...	...	...	...	...	...	...	0·04	...	...	...	...	...	...	...	...	...
		Bagaha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Burhurwa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Saran ...	Gopalganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Siwán ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chapra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SOUTH BIHAR	Shahabad ...	Buxar ...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...	...	...	...	...
		Dehri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhabhua ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sasarám ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arrah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mohaniah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Khiri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ageaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ramnagar ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Koath ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sikroul ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bassawan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Manaharpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gaya ...	Aurungabad...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gaya ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nawáda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jahanabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Daudnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sherghati ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajauli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pakri Barawan.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patna ...	Patna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Dinapore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bihár ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bickram ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hilsa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Monghyr ...	Begusarai ...	...	...	...	...	...	...	0·05	...	...	...	...	...	...	...	...	...	...	...	...	...
		Monghyr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jamui ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Gogri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Sheikpura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	South Bhágalpur.	Bhágalpur ...	...	...	...	0·02	...	...	0·12	...	...	...	...	...	...	...	...	...	...	...	...	...
		Banka ...	...	...	...	...	...	...	0·10	...	...	...	...	...	...	...	...	...	...	...	...	...
		Kolgong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sonthal Parganas.	Rajmahal ...	...	...	...	...	...	...	0·43	...	...	...	...	...	...	...	...	...	...	...	...	...
		Godda ...	...	...	...	...	...	...	0·35	...	...	...	...	...	...	...	...	...	...	...	...	0·48
		Pakour ..	...	...	...	...	...	...	...	...	0·04	...	...	...	...	0·47	...	...	...	...	...	...
		Naya Dumka	...	...	...	...	...	...	...	...	...	...	0·05	...	...	...	...	...	...	...	...	...
		Deoghur ...	...	...	...	...	...	...	...	...	0·31	...	...	0·08	...	...	...	...	...	...	...	...
		Jamtara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mohagama ...	...	...	...	...	...	...	...	...	...	...	...	...	0·42	...	...	...	...	...	...	...
		Nanihat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CHOTA NAGPUR.	Hazáribágh ...	Pachamba (*Giridi*).	...	...	...	...	...	...	...	...	0·07	0·12	...	...	...	...	...	...	...	...	...	...
		Hazáribágh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Semtagurah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Mahudi Hills	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhoomrah Hills	...	...	...	...	...	...	...	...	...	...	0·11	...	...	...	...	...	...	...	...	...
		Barhi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chatra ...	...	...	...	...	...	...	...	...	0·27	...	...	...	...	...	...	...	...	...	...	...
		Karagdeha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ramghar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lohardaga ...	Lohardaga ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Ranchi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Silli ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Palámau ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Balumat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Hoseinabad...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Garwah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Singhbhum ..	Chaibassa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chakradharpur.																				
		Ghatsila ...	...	...	...	...	...	...	0·15	...	...	...	...	...	...	...	...	...	...	...	...	...
		Baharagura...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Manbhum ...	Purulia ...	...	...	...	...	...	...	...	...	0·13	...	0·54	...	...	...	...	...	...	...	...	...
		Gobindpur ...	...	...	...	...	...	...	...	...	...	...	0·58	0·15	...	...	...	...	...	...	...	...
		Raghunathpur.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Barrabhum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Jhalda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Chas ...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...	...	...	...	...	...	...
		Pandra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Bengal in May 1892—*concluded.*

21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 16th May 1892 to 31st May 1892.	Average rainfall from 16th May to 31st May.	Station.	District.	Meteorological Division.
...	0·50	...	...	...	...	...	...	...	...	...	1	2·74	0·50	2·35	0·50	0·50	1·11	Tajpur ...	Darbhanga ...	NORTH BIHAR—*concld.*
...	...	0·69	...	1·02	...	0·26	...	...	...	...	3	4·05	2·00	2·58	1·02	1·97	1·20	Darbhanga.		
...	...	0·83	...	0·20	...	0·13	...	...	0·68	...	5	4·05	2·06	2·06	0·83	1·84	1·54	Madhubani.		
...	...	0·48	...	...	...	...	0·12	...	...	...	2	?	0·60	?	0·48	0·60	?	*Bahera.*		
...	...	...	...	...	...	...	...	...	0·07	...	Nil	?	0·07	?	0·07	0·07	?	*Roshera.*		
...	...	0·75	...	...	0·20	0·23	0·06	...	0·03	...	4	4·74	1·81	2·66	0·75	1·26	1·35	Sitamarhi ...	Muzaffarpur.	
...	...	0·63	...	...	...	0·10	...	...	...	...	2	3·35	0·73	3·72	0·63	0·73	1·38	Muzaffarpur.		
...	0·26	...	...	...	...	...	...	...	...	...	1	2·63	0·26	1·99	0·26	0·26	1·12	Hajipur.		
...	1·35	...	...	...	...	...	...	...	...	...	1	?	1·35	?	1·35	1·35	?	*Paru.*		
...	0·38	...	...	...	...	...	...	...	...	...	1	?	0·38	?	0·38	0·38	?	*Mahua.*		
...	...	...	...	...	...	0·90	...	...	...	...	2	?	1·28	?	0·90	0·90	?	*Siuhar.*		
...	...	...	0·43	...	...	...	...	0·25	...	...	3	?	1·18	?	0·50	0·68	?	*Pupri.*		
...	0·49	...	...	0·60	1·80	...	...	...	0·45	...	5	4·25	3·54	2·50	1·80	3·34	1·39	Motihari ...	Champaran.	
...	0·84	...	...	0·33	...	...	...	...	...	...	2	3·61	1·21	2·68	0·84	1·17	1·17	Bettiah.		
...	0·50	...	0·32	...	...	...	...	...	...	...	2	?	0·82	?	0·50	0·82	?	*Bagaha.*		
...	0·42	...	...	...	...	...	...	...	0·15	...	2	?	0·57	?	0·42	0·57	?	*Burhurwa.*		
...	0·70	0·20	...	...	...	...	...	...	...	...	2	3·36	0·90	2·64	0·70	0·90	1·24	Gopalganj ...	Saran.	
0·24	0·02	...	...	...	...	...	...	...	...	...	1	2·90	0·26	1·84	0·24	0·26	1·10	Siwán.		
...	1·22	...	...	...	...	...	...	...	...	...	1	2·20	1·22	1·52	1·22	1·22	0·94	Chapra.		
...	...	0·15	...	...	...	...	...	...	...	...	1	2·15	0·15	1·03	0·15	0·15	0·65	Buxar ...	Shahabad ...	SOUTH BIHAR.
...	...	...	...	...	0·14	...	...	...	...	...	1	1·57	0·16	1·42	0·14	0·14	1·17	Dehri.		
...	0·10	0·19	...	...	...	...	...	...	...	...	2	1·70	0·29	1·16	0·19	0·29	0·59	Bhabhua.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·15	Nil	1·17	Nil	Nil	0·65	Sasarám.		
0·35	...	0·35	...	...	...	...	...	...	...	...	2	2·60	0·70	1·80	0·35	0·70	1·14	Arrah.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Mohaniah.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	...	Nil	?	*Khiri.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Ageaon.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Ramnagar.*		
...	...	0·09	...	...	...	...	...	...	...	...	Nil	?	0·09	?	0·09	0·09	?	*Koath.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Sikroul.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Bussawan.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Manaharpur.*		
...	0·02	0·03	...	...	...	...	...	...	0·01	...	Nil	2·11	0·06	1·68	0·03	0·06	1·28	Aurungabad ..	Gaya.	
...	...	0·01	...	...	...	0·56	...	...	...	...	1	2·25	0·57	1·64	0·56	0·57	1·34	Gaya.		
...	...	...	...	0·09	...	...	...	...	0·29	...	1	2·53	0·38	2·02	0·29	0·38	1·40	Nawáda.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·24	Nil	1·74	Nil	Nil	1·26	Jahanabad.		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Arwál.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Daudnagar.*		
...	...	...	...	...	...	...	...	...	...	...	Nil	?	Nil	?	Nil	Nil	?	*Sherghati.*		
...	...	...	0·07	...	...	...	...	...	...	...	Nil	?	0·07	?	0·07	0·07	?	*Rajauli.*		
...	...	...	...	...	...	...	...	...	...	0·15	1	?	0·15	?	0·15	0·15	?	*Pakri Barawan.*		
...	0·35	...	...	...	0·10	...	...	...	...	...	2	3·15	0·45	2·20	0·35	0·45	1·51	Patna ...	Patna.	
...	0·21	...	...	...	...	...	...	...	...	...	1	2·20	0·21	1·09	0·21	0·21	1·17	Dinapore.		
...	...	0·10	...	...	...	...	...	...	...	0·30	2	2·85	0·40	2·20	0·30	0·40	1·38	Bihár.		
...	...	...	...	...	...	...	...	...	...	...	Nil	2·40	Nil	2·26	Nil	Nil	1·35	Barh.		
...	...	0·20	...	...	...	...	...	...	...	...	1	?	0·20	?	0·20	0·20	?	*Bickram.*		
...	0·35	...	...	0·45	...	...	...	...	...	...	2	?	0·80	?	0·45	0·80	?	*Hilsa.*		
...	...	...	...	...	0·27	...	...	...	...	...	1	2·95	0·27	2·29	0·27	0·27	1·42	Begusarai ...	Monghyr.	
...	...	...	...	0·30	...	...	...	...	...	...	1	2·85	0·35	2·51	0·30	0·30	1·64	Monghyr.		
...	...	...	...	0·19	0·96	...	...	...	...	...	2	3·70	1·15	2·19	0·96	1·15	1·34	Jamui.		
...	...	...	...	...	0·15	...	...	...	...	...	1	?	0·15	?	0·15	0·15	?	*Gogri.*		
...	...	0·15	...	...	...	...	...	...	...	...	1	?	0·15	?	0·15	0·15	?	*Sheikpura.*		
...	...	...	0·17	...	0·09	0·07	...	...	...	...	2	4·15	0·47	2·59	0·17	0·33	1·59	Bhágalpur ...	South Bhágalpur.	
...	...	...	0·05	...	0·03	1·00	...	...	...	0·02	2	3·60	1·20	2·68	1·00	1·10	1·73	Banka.		
...	...	...	0·54	...	?	...	...	...	...	...	1	?	0·54	?	0·54	0·54	?	*Kolgong.*		
...	...	...	...	0·36	...	...	0·03	...	0·05	0·29	2	5·63	0·75	5·05	0·36	0·75	2·83	Rajmahal ...	Sonthal Parganas.	
...	...	...	...	...	0·60	0·13	...	...	...	0·58	4	4·47	1·74	3·60	0·60	1·31	2·31	Godda.		
...	...	...	0·02	0·14	1·89	0·70	...	...	...	0·52	6	5·93	4·10	4·31	1·89	3·75	3·02	Pakour.		
...	0·11	...	...	...	1·61	0·11	...	...	0·48	0·31	6	5·22	3·13	3·48	1·61	2·62	2·14	Naya Dumka.		
...	...	...	0·82	0·04	...	...	...	...	0·10	...	2	4·15	1·01	3·15	0·82	0·96	1·73	Deoghur.		
...	...	...	1·79	0·14	...	0·13	...	0·50	0·02	...	5	5·60	2·97	3·45	1·79	2·58	1·94	Jamtara.		
												?		?			?	*Mohagama.*		
...	...	...	1·02	0·41	...	...	...	...	...	...	3	?	1·86	?	1·02	1·43	?	*Nanihat.*		
...	...	...	0·20	0·05	0·79	...	...	...	0·13	...	4	4·58	1·36	2·29	0·79	1·17	1·50	Pachamba ... (*Girsdi*).	Hazáribágh ...	CHOTA NAGPUR.
...	...	0·26	0·20	0·01	0·32	...	...	...	...	...	3	4·16	0·88	2·34	0·32	0·88	1·50	Hazáribágh.		
...	...	1·10	0·10	...	...	...	...	...	...	...	2	4·18	1·20	2·58	1·10	1·20	1·48	Semtagurah.		
...	...	...	...	...	...	...	...	...	...	...	...	3·45	...	2·21	...	...	1·46	Mahudi Hills.		
...	...	1·20	...	1·10	...	...	...	...	...	...	2	3·35	2·30	2·89	1·20	2·30	1·64	Jhoomrah Hills		
...	...	0·30	...	...	0·07	...	...	0·29	...	...	3	?	0·77	?	0·30	0·66	?	*Barhi.*		
...	...	0·11	...	0·14	...	...	...	...	...	...	2	?	0·25	?	0·14	0·25	?	*Chatra.*		
...	...	0·57	...	...	0·30	...	...	...	...	0·10	4	?	1·24	?	0·57	0·97	?	*Karagdeha.*		
...	...	1·00	1·00	...	...	...	...	...	...	...	2	?	2·00	?	1·00	2·00	?	*Ramghar.*		
...	0·18	0·27	...	...	...	...	...	...	...	...	2	3·57	0·45	2·53	0·27	0·45	1·79	Lohardaga ...	Lohardaga.	
...	0·05	0·52	...	0·54	...	...	...	...	...	...	2	5·10	1·11	3·17	0·54	1·11	1·95	Ranchi.		
...	...	...	...	...	...	...	...	...	...	...	...	?	...	?	...	...	?	*Silli.*		
...	...	0·16	...	...	...	...	...	...	...	...	1	2·53	0·16	1·41	0·16	0·16	1·05	Palámau.		
...	...	0·26	0·02	...	...	...	...	...	...	...	1	?	0·22	?	0·20	0·23	?	*Balumat.*		
...	...	0·98	...	0·02	...	...	...	...	...	...	1	?	1·00	?	0·98	1·00	?	*Hosseinabad.*		
...	0·15	...	...	...	...	...	...	...	...	...	1	?	0·15	?	0·15	0·15	?	*Garwah.*		
...	...	0·65	1·34	0·20	...	...	...	...	...	...	3	6·11	2·19	4·17	1·34	2·19	2·42	Chaibassa ...	Singhbhum.	
												?		?			?	*Chakradharpur.*		
0·34	1·30	0·13	0·07	...	...	...	...	...	...	...	3	?	1·99	?	1·30	1·84	?	*Ghatsila.*		
0·15	...	0·60	0·64	...	...	...	...	...	...	...	3	?	1·39	?	0·64	1·39	?	*Baharagura.*		
0·34	0·06	0·22	...	...	0·50	...	...	...	...	0·62	4	5·45	1·74	3·57	0·62	1·74	1·91	Purulia ...	Manbhum.	
0·06	...	...	0·19	...	...	0·70	...	0·54	...	...	5	3·63	2·16	1·06	0·70	1·49	1·15	Gobindpur.		
...	...	...	0·64	0·25	0·32	...	...	0·70	...	...	6	?	2·64	?	0·70	1·91	?	*Raghunathpur.*		
...	...	...	...	0·50	...	...	...	...	...	0·52	2	?	1·02	?	0·52	1·02	?	*Barrabhum.*		
...	...	0·50	...	0·43	0·09	...	...	...	...	...	2	?	1·02	?	0·43	1·02	?	*Jhalda.*		
...	1·70	...	...	0·11	...	...	0·02	...	...	...	2	?	1·83	?	1·70	1·83	?	*Chas.*		
...	...	...	0·57	0·11	0·04	...	...	0·13	0·14	...	4	?	1·01	?	0·57	0·99	?	*Pandra.*		

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE MONTH OF MAY 1892.

THE principal features in the meteorology of Bengal and Assam during May 1892 have been as follows :—

1. Pressure at the commencement of the month was distinctly in excess of the normal; it then became largely in defect, the mean defect at many stations in the second week equalling about a tenth of an inch. This defective pressure continued, though gradually becoming rather smaller, and the seat of largest defect was removed to Bihár in the third week, but at the close of the month, though pressure remained in considerable defect, the deficiency was smallest at some of the northern stations and in Bihár, and largest at some of the southern stations and in Assam. The mean pressure therefore of both Bengal and Assam has been about 0·04 inch in defect of the normal.

2. Temperature was very high in the early part of the month, the excess above the normal for the first week averaging 4·2°. This excess was continued in the second week, but it was about a degree smaller than in the previous week, and in this week the excess in Chota Nágpur equalled the unusually large amount of 9·2°. In the third week of the month the average temperature of the province was again about three degrees in excess of the normal, but during the fourth week owing to rather heavy rain having fallen temperature fell rapidly, and became below the normal by between one and two degrees. For the whole month, therefore, the mean temperature of the province of Bengal has been about 2° in excess of the normal, but in Assam there has been a defect of about a degree.

3. The winds blowing over the province have been more strongly easterly than usual, and south-easterly and southerly winds have generally prevailed in the south of the province, and easterly winds at the northern stations. During a considerable part of the month also the southerly winds blowing at the head of the Bay and in parts of South Bengal were unusually strong.

4. Rainfall in the early part of the month was confined to North and East Bengal, but the falls were decidedly less than the normal. In the second week the rainfall increased in heaviness in East and North Bengal; while South-West Bengal and North Bihár commenced to receive moderate amounts. In the third week rainfall occurred almost daily in North Bengal, while in East and South-West Bengal and North Bihár only occasional local showers were reported, while in the last week of the month moderate to heavy rain was received in all districts except South Bihár.

5. The number of hot weather storms or nor'-westers which occurred during the month has been very considerable, but they have as usual been most frequent in the eastern and north-eastern districts, though during the fourth week of May they were also rather numerous in all districts except South Bihár.

6. The first appearance of strong winds at the Ceylon stations indicating that the real south-west monsoon current was advancing up the Bay commenced on about the 10th, and these continued almost till the close of the month. In front of this advance a barometric depression was formed in the Andaman Sea, which moved slowly into the Gulf of Martaban, and then over Burma, and which brought up heavy rain to that district. A second feeble low-pressure area commenced to develop off the South Orissa and Ganjam coasts, but both depressions filled up on the 26th without developing to any considerable extent.

The changes of conditions during the greater part of the month do not call for any detailed remarks. For the first week conditions were of ordinary hot weather character, and the number of local storms occurring was small. In the second week pressure fell so rapidly at the western stations that a feeble low-pressure area formed over the western parts of the province, and hence with these disturbed conditions the number of local storms or nor'-westers was largely increased. This feeble depression filled up on about the 14th, when weather became more settled, but again on the 20th an almost similar low-pressure area was developed over part of Chota Nagpur and West Bengal. This lasted for several days, and it filled up on the 24th, but again the disturbed conditions induced by the feeble depression gave rise to numerous local storms and rain showers which lasted in Bengal almost up to the close of the month.

In the south of the Bay winds began to strengthen owing to the advance of the south-west monsoon from about the 10th, and they blew steadily and rather strongly almost to the close of the month. By about the 24th these winds had apparently reached well into the centre of the Bay, when pressure began to fall moderately to rapidly in the east of the centre of the Bay, forming a feeble depression, and on this date also winds round the Andaman Sea appeared to form part of a cyclonic circulation. On the same day also there was a distinct tendency to low pressure off the South Orissa and Ganjam coasts. On the morning of the 25th, the wind directions in Bengal had become very irregular, and at a good many stations north-easterly winds were reported, showing slight indraught towards the Bay, and the feeble barometric depressions appeared still to exist off the South Orissa coast and in the Gulf of Martaban, but the pressure changes on this day in Bengal were small. On the 26th the depression in the Bay off the Orissa coast filled up, while that in the Gulf of Martaban may probably have

passed over Burma and there filled up, for heavy rain was received over that area. Pressure distribution and wind directions therefore became a little more normal, and on the 27th pressure rose slowly in Bengal, and the distribution became practically normal for the day, and the winds also became of directions varying from southerly in the southern districts through south-easterly at the eastern stations to easterly in the north of the province. On the 28th the pressure changes were comparatively small, though usually there was a fall, and pressure was again becoming below the normal, particularly in Bihár, but winds continued fairly normal in direction on this day as they did up to practically the close of the month.

In the Bay the south-west monsoon current continued to blow fairly steadily and rather strongly, and after the disappearance of the two feeble depressions it probably continued its northerly advance, and by the close of the month it had apparently drifted well into the north of the Bay, and at one time even it appeared to be commencing to drift over South-East Bengal. On the 1st of June indeed the observer at Akyab reported that the monsoon had broken at that station, and it certainly, at the close of May, had advanced well into the north of the Bay.

Pressure.—In the first week of May pressure was above the normal by from 0·03" to 0·05", the smallest excess pressure being reported in North Bengal and North Bihár. In the second week a rapid fall occurred, and pressure became in defect by 0·09", while defects in excess of a tenth of an inch were registered at such stations as Motihari, Dehri, Buxar, Gaya, Bankipore, Bankura, Raniganj, and Berhampore. In the third week at such stations as Gaya, Bankipore, and Dehri, average defects of about 0·08" were registered, but in the south and south-east of the province the defects were from 0·02" to 0·03", and in Assam they were only 0·015". In the fourth week the largest defect had been transferred to the extreme east of the province, where at Sibsagar it equalled 0·09 and in the north and west of the province, at such stations as Darbhanga, Purnea, and Rangpur, the defect only equalled 0·03", so that the usual defect over the province equalled from 0·05" to 0·07."

For the whole month the mean pressure has been in distinct defect of the normal, the defects ranging from about 0·02" at the extreme south-eastern and south-western stations, such as at Chittagong and Comilla and Gopalpur and False Point, to about 0·04" and ·05" in Bihár, defects exceeding 0·05" being recorded at Motihari and Bankipore. The general defect over the province of Bengal equals about 0·04".

In Assam the average defect is 0·042", and at Sibsagar the large defect of 0·067" is recorded.

Temperature.—The mean average temperature of the whole of Bengal for the month has been 2·1° in excess of the normal. The excess has been the large amount of 4·8° in Chota Nagpur, but in most Divisions it has equalled about 2° or 3°. In North Bengal, on the other hand, there has been a defect of about half a degree, and in Assam the defect has equalled 1·3°.

Some very high maximum temperatures have been recorded during the month, and temperatures exceeding 114° have been recorded at Gaya and Chaibassa, exceeding 112° at Cuttack, Bankura, Raniganj, and Dehri, and exceeding 110° at Midnapore, Chapra, Arrah, and Naya Dumka.

Rainfall.—An average fall of nearly 13 inches of rain has occurred in North Bengal, or more than 4 inches, or roughly 50 per cent., more than usual. The fall in East Bengal has equalled 11 inches, or nearly two inches, or roughly 20 per cent., in excess. In all other districts, however, the falls have been in distinct defect, the percentage of defect equalling in South-West Bengal 11 per cent., in North Bihár 28 per cent., in Chota Nagpur 47 per cent., in Orissa 50 per cent., and in South Bihár no less than 64 per cent. The actual fall in South-West Bengal has averaged nearly five inches, in North Bihár nealy two and-a-half inches, in Orissa nearly two inches, in Chota Nagpur one and-a-half inches, and in South Bihár only 0·85 inch. Taking these various divisions as having an equal value in the calculation, it may be said that the rainfall of Bengal in May was about 20 per cent. in defect of the normal fall.

The variation in the amounts of rain received by stations in different districts of the province has been extraordinarily large, and thus Kuch Bihár during the month has received 46·22 inches of rain, while on the other hand falls of less than a fifth of an inch are reported at Satpara (Puri), Roshera (Darbhanga), Buxar, Dehri, Sasarám, Aurangabad, Rajouli (Gaya), Pakri Barawan (Gaya), Bikram (Patna), Gogri (Monghyr), Sheikpura (Monghyr), Palámau, and Garwah (Palámau). The heaviest falls have occurred at the stations in the hills in the north-east of the province, and the smallest usually in the west of Chota Nagpur and Bihár, though a broad area of extremely small rainfall stretches eastward through Bihár, and includes parts of the Sonthal Parganas. The lines of equal rainfall usually run in a north-westerly direction, and thus to the east of a line joining the extreme north-east corner of the Bay with Kissenganj in the Purnea district rainfall has been in excess of 10 inches, and to the west of it less than 10 inches; the line of 5 inches rainfall runs roughly from Patuakhali to Supaul, and that of 2 inches from Orissa to Champaran, and so on.

Compared with the normal falls, it will be found that in Kuch Bihár and its neighbourhood, excessive falls have occurred in some cases, the falls being 20 and 30 inches more than usual. If a line be drawn from about Backergunge in a north-westerly direction up to about the north of Bhágalpur, it will be found that most of the stations to the east of this line have received falls in excess of the normal amounts, while to the west of the line defective

falls have occurred. The defects, however, as a rule, do not much exceed two inches, and a large area indeed is shown where the defect is not larger than one inch.

The areas of largest defect are to be found in the Sonthal Parganas over the greater part of Orissa, and at one or two stations in North Bengal such as Saugor Island and Patuakhali.

The following table gives full data for the comparison of the actual and the normal rainfall of the month of May in all districts of the province. The figures are derived from the average and actual rainfall of the rain-recording stations in each district, due allowance being made for the area which each station represents. This gives a more accurate average than the arithmetical means given in the weekly and monthly meteorological tables. The first column gives the normal or average district rainfall as determined from the rainfall observations of the past 15 years. The second column gives the actual district rainfall as determined from the weighted actual rainfalls of the month at the reporting stations in each district. The third column expresses the ratio of the actual district rainfall of the past month to the normal rainfall as a percentage. The fourth column gives the same information as the third in a slightly different form, stating as a percentage how much the district rainfall of the month varied in excess or defect from the normal:—

Percentage Table for May 1892.

Division.	District.	Normal district rainfall for May.	Actual district rainfall for May 1892.	Percentage of actual to normal rainfall.	Percentage excess (+), defect (−).
Orissa ...	Puri	2·76	0·43	16	— 84
	Cuttack	3·96	1·25	32	— 68
	Balasore	4·95	2·93	59	— 41
South-West Bengal	Midnapore	5·05	3·61	71	— 29
	24-Parganas	5·79	5·03	87	- 13
	Howrah	5·81	3·00	52	— 48
	Hooghly	5·34	4·96	93	— 7
	Burdwan	5·01	3·77	75	— 25
	Bankura	4·03	4·68	116	+ 16
	Birbhum	3·40	3·16	93	— 7
	Nadia	6·35	5·89	93	— 7
	Khulna	6·61	5 89	89	— 11
	Jessore	7·01	7·01	100	0
	Murshidabad	5·21	4·90	94	— 6
East Bengal ...	Chittagong	6·54	12·44	190	+ 90
	Backergunge	7·80	5·64	72	— 28
	Noakhali	10·05	8·10	81	— 19
	Faridpur	8·80	7·95	90	— 10
	Dacca	8·70	9·34	108	+ 8
	Tippera	10·21	13·35	131	+ 31
	Mymensingh	9·94	16·30	164	+ 64
North Bengal ...	Pabna	7·11	8·47	119	+ 19
	Bogra	7·91	6·08	77	— 23
	Rajshahi	6·09	7·07	116	+ 16
	Malda	4·50	1·45	32	— 68
	Dinajpur	6·45	4·56	71	— 29
	Rangpur	11·24	16·77	149	+ 49
	Kuch Bihar	13·86	35·13	253	+153
	Jalpaiguri	11·96	28·90	242	+142
	Darjeeling	8·58	12·79	149	+ 49
North Bihár ...	Purnea	5·50	5·86	107	+ 7
	North Bhagalpur	3·96	2 43	64	— 36
	Darbhanga	2·68	1·67	62	— 38
	Muzaffarpur	2·51	0·96	38	— 62
	Champaran	2·60	2·21	85	— 15
	Saran	1·92	0·82	43	— 57
South Bihár ...	Shahabad	1·30	0·27	21	— 79
	Gaya	1·74	0·32	18	— 82
	Patna	2·18	0·31	14	— 86
	Monghyr	2·34	0 65	28	— 72
	South Bhágalpur	2·64	0·89	34	— 66
	Sonthal Parganas	3·75	2·31	62	— 38
Chota Nagpur ...	Hazaribagh	2·38	1·08	45	— 55
	Lohardaga	2·85	0·50	18	— 82
	Palámau	1·41	0·16	11	— 89
	Singhbhum	4·17	2·19	53	— 47
	Manbhum	3·25	1·82	56	— 44

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the month of May 1892 :—

Meteorological Divisions.	Temperature.						Rainfall.							
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of month above or below normal mean of month.	Of month.			Rainy days.			Since 16th May 1892.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
Orissa	112·4	69·9	95·2	81·6	88·4	+2·3	1·93	3·87	—1·94	2·47	5·70	—3·23	1·61	2·18
South-West Bengal	118·0	68·0	99·0	79·0	89·3	+2·5	4·82	5·40	—0·58	8·00	7·41	+0·59	3·14	2·64
East Bengal	96·8	67·4	90·0	76·0	83·0	+1·0	11·08	9·26	+1·82	11·80	10·83	+0·97	5·93	4·23
North Bengal	102·5	66·2	89·7	74·0	81·9	—0·6	12·72	8·52	+4·20	13·00	9·21	+3·79	8·23	5·27
North Bihár	110·2	64·3	97·7	75·8	86·7	+1·0	2·30	3·20	—0·90	4·00	4·09	—0·09	1·87	1·77
South Bihár	114·1	68·8	104·0	79·8	92·0	+3·8	0·85	2·39	—1·54	1·92	3·27	—1·35	0·77	1·52
Chota Nagpur	114·8	70·9	104·9	79·6	92·3	+4·8	1·40	2·65	—1·25	2·82	4·18	—1·36	1·28	1·62
Assam	93·5	67·3	84·0	72·5	78·2	—1·3								

Meteorological Office, Bengal ;
The 14th June 1892.

A. Pedler,
Meteorological Reporter to the Govt. of Bengal.

Meteorological Report of the Province of Benga

Meteorological Division.	District.	Representative station.	STATION OBSERVATIONS.													
			Air Pressure.			Wind.		Temperature.								
			Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 8 A.M. temperature.
Orissa.	Puri	Puri ...	29·495‡	29·414‡	—	Variable	340‡	92·7	6th June	76·6	9th June	89·0†	80·3†	84·7†	—	83·6
		Gopalpore ...	29·484	29·444	—·103	Wly	346	92·7	7th "	74·8	10th "	87·3	77·6	82·5	—2·9	81·9
		False Point ...	29·439	29·402	—·179	Variable	453	90·5	7th "	71·1	11th "	86·7†	78·3‡	82·2†	—4·3†	82·3
	Cuttack	Cuttack ...	29·396	29·417	—·130	Variable	114	99·5	5th "	75·8	10th "	92·6	79·2	85·9	—4·0	84·3
	Balasore	Balasore ...	29·344	29·346	—·195	Variable	254	94·4	8th "	75·7	10th "	89·8	79·0‡	84·9‡	—1·1‡	83·4
South-West Bengal.	South-West Midnapore, South 24-Parganas ...	Saugor Island	29·452	29·420	—·138	Ely	398	93·7	7th "	79·5	8th "	89·6	81·2	85·4	—1·7	84·2
	Midnapore	Midnapore ...	29·348	29·442	—·103	S	292	97·3	5th "	77·1	9& 10 "	91·7	78·5	85·1	—4·1	83·4
	24-Parganas ..., Howrah ..., Hooghly ...	Calcutta ...	29·490	29·456	—·098	Ely	175‡	94·6	6th "	77·7	10 & 11 "	90·1	78·7	84·4	—1·5	83·0
	Burdwan	Burdwan ...	29·428	29·472	—·079	Ely	155	97·7	6th "	77·4	11th "	91·0	79·2	85·6	—2·2	82·2
	Bankura	Bankura ...	29·188	29·432	—·098	NEly	189	98·1	7th "	76·6	7 & 10 "	92·7	78·4	85·6	?	81·8
	Birbhum ..., West Burdwan ...	Raniganj ...	29·194	29·485	—·073	NEly	158	99·5	6th "	75·9	9th "	93·9	78·2	86·1	—3·4	80·8
	Murshidabad	Berhampore ..	29·481	29·496	—·064	E	161	97·7	5th "	76·3	7th "	92·4	78·8	85·6	—0·8	81·8
	Nadia	Krishnagar ...	29·484	29·478	—·072	Ely	217	98·7	5 & 6 "	78·2	10 & 11 "	92·3	79·1	85·7	—1·2	83·8
	Jessore ..., Khulna ...	Jessore ...	29·513	29·492	—·082	ESE	184	94·7	5th "	77·4	11th "	89·1	78·5	84·0	—2·0	83·5
East Bengal.	Chittagong	Chittagong ...	29·531	29·503	—·065	SEly	?	90·2	7th "	76·1	11th "	88·2*	77·5*	82·9*	+1·4*	83·2
	Chittagong Hill Tracts	Demagiri ...	Observations not received.													
	Backergunge	Barisal ...	29·532	29·509	—·068	SSE	121	91·3	5 to 7 June	77·8	10 & 11 "	88·3	78·7	83·5	+1·1	81·7
	Noakhali	Noakhali ...	29·559	29·549	—·054	E	214	90·0	9th "	74·8	6th "	87·5	77·3	82·3	+0·4	81·7
	Faridpur	Faridpur ...	29·551	29·545	—·047	E	152	91·5	5th "	76·9	10th "	88·7	78·3	83·4	+1·0	82·5
	Dacca	Dacca ...	29·564	29·533	—·057	ESE	204	92·6	9th "	77·2	10 & 11 "	90·3	78·5	84·4	+0·4	82·8
	Tippera	Comilla ...	29·568	29·550	—·056	E	107	92·3	9th "	75·8	11th "	89·4	77·0	83·2	+0·6	81·6
	Mymensingh	Mymensingh	29·551	29·565	—·043	Ely	140	91·2	10th "	75·6	6th "	88·8	78·0	83·4	+1·8	81·3
North Bengal.	Bogra	Bogra ...	29·512	29·525	—·033	Ely	101	92·8	5th "	70·2	10th "	89·1	77·3	83·3	—0·8	82·8
	Pabna	Sirajganj ...	29·542	29·538	—·045	NE	71	91·6	5th "	75·7	10th "	89·3	77·4	83·8	+0·3	82·4
	Rajshahi	Rampur Boalia.	29·493	29·512	—·037	Variable	154‡	94·3	5th "	76·6	11th "	91·3	78·1	84·7	—0·1	83·5
	Malda	Malda ...	29·494	29·525	—	SE	94	96·7	5th "	75·9	7th "	92·4	77·8	85·1	—	83·6
	Dinajpur	Dinajpur ...	29·484	29·554	—·037	NE	128	89·1	9th "	74·2	6th "	87·3	75·8	81·6	—2·7	80·3
	Rangpur	Rangpur ...	29·500	29·577	—·036	E	33	91·8	9th "	73·7	5th "	88·5	75·9	82·2	0	80·1
	Jalpaiguri ..., Kuch Bihar ...	Jalpaiguri ...	29·338	29·574	—·031	SE	117	90·4	9 & 10 "	74·1	6th "	87·5	75·7	81·5	+0·2	80·1
	Darjeeling Hill Tracts...	Darjeeling ...	22·856	—	—·034	Ely & Calm.	104	65·6	10th "	54·1	8th "	63·5	55·6	59·6	+0·1	58·4
North Bihar.	Purnea ..., North Bhágalpur ...	Purnea ...	29·477	29·555	—·008	Ely	82	90·2	6, 8 & 9 "	72·2	6 & 7 "	88·2	74·2	81·2	—5·1	80·1
	Muzaffarpur	Muzaffarpur	29·395	29·524	—	ENE	224	98·7	5 & 6 "	72·7	6th "	92·3	77·3	84·8	—	81·1
	Darbhanga	Darbhanga	29·423	29·541	—·017	ENE	206	97·0	5th "	73·0	6th "	89·0	76·9†	83·2†	—3·6†	81·1
	Champaran	Motihari ...	29·338	29·518	—·026	ENE	198	98·2	6th "	72·8	6th "	91·8	76·7	84·3	—2·2	82·1
	Saran	Chapra ...	29·361	29·494	—·039	ENE	103	105·2	5th "	74·6	7th "	93·2	78·1	85·6	—3·5	82·4
South Bihar.	Shahabad	Dehri ...	29·177	29·478	—·049	E	150	107·4	6th "	75·0	8th "	95·8	78·5	87·2	—2·9	83·3
		Buxar ...	29·311	29·502	—·031	Ely	197	106·4	5 & 6 "	73·3	7th "	93·5	77·8	85·7	—6·2	82·
		Arrah ...	29·346	29·483	—·034	NEly	144	102·4	5th "	76·0	7th "	92·9	78·9	85·9	—4·5	82·
	Gaya	Gaya ...	29·144	29·467	—·057	Ely	172	105·6	5th "	75·8	7th "	94·0	79·6	87·1	—5·1	82·
	Patna	Bankipore ...	29·367	29·500	—·042	E	200	103·2	5th "	74·2	6th "	88·0	77·4	82·7	—8·0	81·
	South Bhágalpur ..., Monghyr ...	Bhágalpur ...	29·395	29·508	—·034	Ely & Calm	125	99·8	6th "	73·0	7th "	92·0	77·2	84·6	—1·5	81·
	Sonthal Parganas ...	Dumka ...	29·045	29·455	—·048	Ely	352	99·2	6th "	76·3	10th "	93·9	78·4	86·1	—1·8	82·
Chota Nagpur.	Hazáribágh	Hazáribágh ...	27·540	29·468	—·076	Ely	313	98·2	6th "	69·8	7th "	86·9	73·9	80·4	—6·4	77·
	Lohardaga ..., Palamau ..., Manbhum ...	Ranchi ...	27·412	29·452	—·059	Ely	201	95·5	6th "	71·4	11th "	87·1	73·8	80·4	—6·3	77·
	Singhbhum	Chaibassa ...	28·700	29·396	—·119	Variable	127	102·3	5th "	75·1	10 & 11 "	95·0	78·8	86·9	—3·8	83·
Assam.	Sibsagar	Sibsagar ...	29·306	29·590	—·049	NE		94·6	11th "	73·5	7th "	92·1	77·2	84·7	+1·8	83·
	Goalpara	Dhubri ...	29·510	29·578	—·026	NEly	224	88·2	9th "	71·8	8th "	84·2	76·6	80·3	—1·5	79·
	Cachar	Silchar ...	29·529	29·583	—·049	Calm		96·1	11th "	74·3	7th "	92·2	76·5	84·7	+2·0	82·

* Means of 4 days. | † Mean of 5 days. | ‡ Means of 6 days.

Explanations—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last

The *humidity* of the atmosphere is expressed as percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fell.

for the week ending Saturday, the 11th of June 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	DISTRICT OBSERVATIONS. — RAINFALL. — Of week. — Mean for district.	Of week. — Normal mean.	Since 1st of month. — Mean for district.	Since 1st of month. — Normal mean.	Since 1st of month. — Variation.	Since 16th May 1892. — Mean for district.	Since 16th May 1892. — Normal mean.	Since 16th May 1892. — Variation.	Of week. — Average number of rainy days.	Of week. — Normal number of rainy days.	Representative station.	District.	Meteorological Division.
80†	6·6†	4·09†		1·60		2·55			4·27			2·25	Puri ...	Puri	Orissa.
82	6·0	4·12											Gopalpore ...		
87	8·0	17·20											False Point ...		
74	7·9	4·14		1·82		2·55			5·05			2·41	Cuttack ...	Cuttack	
82	5·8	2·97		1·61		2·72			5·42			2 22	Balasore ...	Balasore	
85	9·0	3·86	3·38	1·89	3·89	3·47	+0·42	6·86	5·95	+0·91	3·67	2·65	Saugor Island ...	South-West Midnapore South 24-Parganas ...	South-West Bengal.
82	4·7	2·33	2·78	1·99	3·13	3·83	−0·70	6·19	6·02	+0·17	3·33	2·38	Midnapore ...	Midnapore	
85	8·4	3·12	2·68	2·35	2·74	4·22	−1·48	5·96	7·22	−1·26	3·80	2·77	Calcutta ...	24-Parganas ... Howrah ... ... Hooghly	
80	9·0	3·73	2·26	2·19	2·78	3·89	−1·11	5·20	6·80	−1·60	3·67	2·38	Burdwan ...	Burdwan	
85	7·0	3·25	2·59	2·33	3·36	3·76	−0·40	7·11	6·29	+0·82	3·25	3·10	Bankura ...	Bankura	
85	7·1	4·40	3·63	2·65	3·81	4·00	−0·19	6·03	6·20	−0·17	4·00	2·51	Raniganj ...	Birbhum ... ... West Burdwan ...	
89	9·0	1·90	2·02	2·36	2·02	3 63	−1·60	6·05	7·16	−1·11		2·68	Berhampore ...	Murshidabad ...	
79	8·3	1·07	1·19	2·59	1·19	4·53	−3·34	4·20	8·49	−4·29	3·20	2·73	Krishnagar ...	Nadia	
88	9·0	2·74	1·98	3·31	2·03	5·77	−3·74	5·25	9·32	−4·07	4·38	3 23	Jessore ...	Jessore ... ... Khulna	
78	9·3†	0·68		7·87		12·90			19·02			4·34	Chittagong ...	Chittagong	East Bengal.
			2·24	5·22	4·71	8·83	−4·12	10·58	14·66	−4·08	4·00	4·80	Demagiri ...	Chittagong Hill Tracts	
87	8·7	1·86	3·35	4·51	3·42	8·28	−4·86	4·98	13·04	−8·06	4·25	4·13	Barisál ...	Backergunge	
84	4·0	3·36	2·98	7·45	3·63	12·36	−8·75	8·75	18·98	−10·23	4·00	4 11	Noakhali ...	Noakhali	
85	5·6	1·73	1·67	3·18	1·69	5·80	−4·11	6·67	10·53	−3·86	3·67	3·58	Faridpur ...	Faridpur	
83	7·9	0·75	1·05	3·86	1·05	6·12	−5 07	6·89	10·49	−3·60	3·50	3·70	Dacca ...	Dacca	
83	5·3	1·76	3·21	5 18	3·32	8·01	−4·69	10·31	13·20	−2·89	5·25	3 91	Comilla ...	Tippera	
87	7·0	1·84	2·09	5·37	2·42	8·74	−6·32	12·97	14·42	−1·45	3·00	3·96	Mymensingh ...	Mymensingh	
84	5·7	1·04		3·28	3·07	5·44	−2·37	7·63	10·95	−3·32	2·75	3 20	Bogra ...	Bogra	North Bengal.
86	7·7	1·11	0·95	2·80	0·95	5·07	−4·12	6·83	9·46	−2·01	3·00	3·20	Sirajganj ...	Pabna	
83	4·3	0·48	1·45	2·59	2·13	4·36	−2·23	7·13	8·33	−1·20	2·67	3·06	Rampur Boalia ...	Rajshahi	
85	6·9	2·03	2·08	2·80	3·00	4 17	−1·17	4·10	7·69	−2·99	4·00	2·69	Malda ...	Malda	
89	8·6	2·37	2·67	3·47	4·41	5·36	−0·95	6·39	10·11	−3·72	4·40	2·99	Dinajpur ...	Dinajpur	
88	2·7	0·80	1·65	6·11	3·53	9·44	−5·91	12·53	17·26	−4·73	3·75	3·85	Rangpur ...	Rangpur	
90	2·4	0·95	2·72	7·78	4·19	13·49	−9·30	26·01	22·74	+3·27	2·20	4·46	Jalpaiguri ...	Jalpaiguri ... ... Kuch Bihar	
97	9·0	10·29	5·33	7·30	5·97	11·15	−5·18	18·77	18·09	+0·68	5·00	3·76	Darjeeling ...	Darjeeling Hill Tracts	
88	7·6	2·58	6·25	3·42	6·57	4·51	+2·06	9·87	7·47	+2·40	4·20	2·60	Purnea ...	Purnea ... ... North Bhágalpur ...	North Bihár.
85	6·1	4·84	3·09	2·09	3·09	2·66	+0·43	3·84	3·93	−0·09	2·67	1 78	Muzaffarpur ...	Muzaffarpur	
83	6·4	3·58	4·46	2·23	4·46	2·79	+1·67	5·90	4·17	+1·73	3·33	2·02	Darbhanga ...	Darbhanga	
77	5·7	4·77	3·00	1·84	3·14	2·64	+0·50	5·40	4·16	+1·24	1·00	1·90	Motihari ...	Champaran	
81	7·4	2·89	1·67	1·30	1·71	2·03	−0·32	2·50	3·14	−0·64	2·67	1·52	Chapra ...	Saran	
80	7·7	4·58											Dehri ...	Shahabad	South Bihár.
83	7·4	2·80	2·80	1·21	2·91	1·42	+1 49	3·17	2·29	+0·88	4·00	1·45	Buxar ...		
82	5·4	0·66											Arrah ...		
86	7·3	1·96	2·95	1·08	3·00	2·00	+1·00	3·25	3·43	−0·18	4·00	1·61	Gaya ...	Gaya	
85	8·6	2·58	2·83	1·51	2·88	1·82	+1·06	3·14	3·27	−0·13	3·75	1·55	Bankipore ...	Patna	
84	8·9	3·18	2·11	1·50	2·45	2·19	+0·26	3·07	3·72	−0·65	3·20	1·81	Bhágalpur ...	South Bhágalpur ... Monghyr	
80	3·7	2·26	1·93	2·19	2·20	3·17	−0·97	4·20	5·72	−1·52	3·67	2·51	Dumka ...	Sonthal Parganas ...	
87	8·6	6·54		2·04		2·75			4·58			2·54	Hazáribágh ...	Hazáribágh	Chota Nagpur.
85	8·4	7·40	5·00	1·75 1·42	5·63	2·57 1·93	+3·06	6·41	4·40 3·06	+1·92	3·50	2·79 1·75	Ranchi ...	Lohardaga ... ... Palámau	
			4·60	1·81	4·64	2·86	+1·78	6·20	4·33	+1·73	4·50	2·35		Manbhum	
73	6·9	2·96	2·87	1·0	2·87	2·85	+0·02	5·06	5·33	−0·27	4·00	3·20	Chaibassa ...	Singbhum	
85	9·1	0·64											Sibsagar	Assam	Assam.
90	9·0	3·47											Dhubri		
86	8·2	3·81											Silchar		

ten years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater.
denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfal the normal means
past ten years. The means of the district are the numerical average of the rainfall returned received in the district, i.e. from total rainfall at the subdivisional

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the of 11th June 1892.

Meteorological division.	District.	Station.	Rainfall.							Total—			Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th May 1892.	Average rainfall from 16th May to date.
			Sunday, 5th June.	Monday, 6th June.	Tuesday, 7th June.	Wednesday, 8th June.	Thursday, 9th June.	Friday, 10th June.	Saturday, 11th June.	Number of rainy days.	Rainfall of week.	Average normal rainfall of week.				
ORISSA ...	Puri ...	Puri ...	......	......	......	0·30	3·45	5·50	0·69	4	9·94	1·43	10·26	2·31	10·26	3·60
		Khurda ...	......	......	......	......	3·79	3·05				1·75		2·65		4·60
		Banpur ...	......	......	0·31	0·38	2·25					1·99		3·14		4·38
		False Point ...	0·13	......	0·12	1·02	4·18	11·27	0·48	6	17·20	1·22	18·01	2·10	20·18	4·40
		Gop ...	......	......	0·30	0·34	1·50					?		?		?
		Satpara ...	......	......	... .	1·50	3·50					?		?		?
		Pipli ..	......	·5	......	......	3·19					?		?		?
	Cuttack ...	Jagatsingpore	......	......	......	0·22	1·40	3·25				1·60		1·98		3·49
		Banki ...	......	......	......	1·54	1·90	1·96				1·86		2·49		4·30
		Cuttack ...	......	......	......	1·00	1·12	2·12	0·34	4	4·58	2·16	5·12	3·07	5·69	6·89
		Kendrapara ...	......	0·09	0·47	0·37	0·47	4·55	0·06	4	6·01	1·96	6·51	2·91	7·05	5·27
		Jajpur ...	......	......	0·55	0·42		2·88	0·91	4	4·76	1·20	5·05	2·28	7·10	5·44
		Dharmsala ..	......	......	......	0·20	2·57	1·33				?		?		?
		Salipore ...	......	......	......	0·30	3·10					?		?		?
	Balasore ..	*Akhyapada* ...	......	0·35	0·47	0·25		3·06				?		?		?
		Chandbali ...	......	......	......	0·38	2·08	7·90		3	10·36	1·58	10·86	2·30	12·86	5·19
		Bhadrak ...	......	......	0·35	0·82	0·03	6·75	1·99	4	9·94	1·45	12·82	2·39	14·14	5·36
		Sorah ...	......	... ..	0·15	......	9·60	0·55	......	3	10·39	1·13	11·03	1·92	14·56	5·00
		Balasore ...	......	0·01	0·06	0·15	0·06	2·42	0·06	2	2·76	1·73	3·47	2·63	5·77	5·40
		Jellasore ..										1·43		2·98		4·74
		Baripodah ...				0·27	2·30	0·75		3	3·32	2·35	3·32	4·08	6·25	6·47
SOUTH-WEST BENGAL.	Midnapore .	Contai ..	......	......	......	......	0·68	1·08	0·83	3	2·59	1·87	4·13	3·50	7·03	5·90
		Saugor Island	......	......	0·08	0·96	0·77	1·12	0·93	4	3·36	2·03	3·36	3·64	5·55	6·35
		Tamluk ...	......	......	......	......	0·30	0·65	1·90	3	2·85	1·57	3·15	3·08	6·40	5·63
		Midnapore ...	......	......	0·63	......	0·95	0·45	0·32	4	2·32	2·00	2·32	3·64	4·98	5·68
		Ghatál ...	......	......	......	0·08	0·24	1·48	1·38	3	3·16	2·41	3·32	4·77	7·08	6·75
		Kukrahaty ...	......	......	......	......	0·52	1·48	0·76	3	2·76	?	2·76	?	6·55	?
		Garhbeta ...	......	......	......	......	0·20	0·15	0·75	3	1·10	?	3 00	?	5·56	?
	24-Parganas ...	Diamond Harbour ...	......	0·15	......	......	1·14	0·90	1·50	4	3·69	1·76	3·69	3·26	8·03	5·60
		Canning Town	......	0·42	......	0·34	0·74	1·30	1·20	5	4·00	?	4·40	?	5·89	?
		Alipore Jail ...	......	......	... ..	......	0·34	1·57	0·94	3	2·89	2·13	2·89	3 73	7·04	7·08
		Barrackpore...	......	0·13	0·15	......	0·05	0·96	1·22	4	2·51	2·50	2 51	4·76	4·58	7·85
		Dum-Dum ...	......	......	1·50	0·30	0·30	0·92	1·00	5	4·02	2·62	4·02	4·31	6·88	7·62
		Barasat ...	......	......	......	0·90	......	1·21	0·32	3	2·43	2·17	2·43	4·01	5·53	6·99
		Basirhat ...	......	......	......	......	0·60	1·21	0·81	3	2·62	2·92	2·62	5·17	5·38	8·75
	Howrah ...	Howrah ...	......	0·21	......	0·88	1·05	1·15	......	4	3·29	2·55	3·29	4·07	5·79	6·85
		Mohesreka ...	......	......	......	0·24	0·15	0·52	2·32	4	3 23	1·68	3·33	3·71	6·05	6·20
		Uluberia ...	......	0·04	......	... ..	0 30	0·60	2·15	3	3·18	?	3·18	?	6·65	?
	Hooghly ..	Serampore ...	......	0·13	0·10	0·05	0·13	0·95	1·26	5	2·61	2 43	2·61	4·42	5·75	7·29
		Hooghly ...	......	......	0·46	0·02	0·19	0·35	0·22	4	1·24	2·31	1·24	3·83	4·85	6·98
		Jahánabad ...	......	......	......	......	0·24	0·36	1·32	3	1·92	2·10	2·33	4·22	6·61	6·65
	Burdwan ...	Kalna ...	......	......	0·63	......	0·55	0·12	0·20	4	1·50	2·72	1·72	4·57	4·18	6·90
		Burdwan ...	0·03	......	0·40	0·30	0·65	0·18	2·17	5	3·73	1·48	5·06	2 80	8·00	5·69
		Katwa ...	......	......	......	......	0·85	0·07	0·63	2	1·55	2·36	1·55	4·31	3·39	7·83
		Raniganj ...	......	......	1·14	0·03	2·15	0·20	0·88	4	4·40	1·78	4·56	2·85	7·17	4·90
		Mankur ...	......	......	......	......	0·48	0·38	0·25	3	1·11	?	1·94	?	8·13	?
	Bankura ...	Bankura ...	......	......	0·77	......	0·08	0·08	1·60	3	3·25	2·04	3·88	3·61	7·73	6·87
		Bishenpore ...	......	......	1·03	......	......	0·35	1·53	3	2·91	2·28	3·05	3·82	9·07	6·72
		Maliara ...	......	......	......	0·08	0·03	0·37	0·92	3	1·40	2·23	1·75	3·01	3·85	5·98
		Khatra ...	0·75	......	......	......	0·30	1·07	0·66	4	2·78	2·76	3·85	4·00	6·25	6·95
		Indas ...	......	......	0·71	......	0·18	0·32	0·63	4	1·84	?	2·39	?	7·14	?
		Kotalpore ...	......	......	......	......	......	......	1·55	1	1·55	?	2·45	?	4·34	?
		Anda ...	......	......	......	......	1·14	2·15	......	2	3·20	?	3·20	?	8·86	?
		Gangajalghati	......	......	......	......	......	0·44	1·68	2	2·12	?	2·74	?	5·24	?
		Raipore ...	......	......	......	......	0·67	0·72	0·28	3	1·67	?	2 85	?	5·16	?
		Sonamukhi ...	......	......	......	......	0·39	0·44	1·24	3	2·07	?	2·57	?	6·08	?
	Birbhum ...	Bh. Suri ...	......	0·04	1·63	0·49	0·39	0·84	2·09	5	5·48	2·61	5·50	3·78	7·65	6·[illegible]
		Hetampore ...	......	......	0·37	......	0·71	0·41	1·31	4	2·80	3·38	3·17	5·37	5·20	7·13
		Rampur Hát...	......	......	1·25	0·05	......	0·11	0·42	3	1·83	2·87	1·99	4·05	4·06	6·62
		Rpore ...	......	......	0·46	0·15	0·67	0·27	1·70	5	3·25	?	3·25	?	4·84	?
		Murarai ...	......	......	1·75	1·99	0·60	......	0·37	4	4·02	?	4·62	?	9·37	?
	Nadia ...	Ranaghat ...	1·28	......	......	0·06	0·96	0·21	0·33	4	2·84	2·62	2·84	4·46	5·45	7·81
		Krishnagar ...	......	......	......	0·10	0·22	0·35	0·40	4	1·07	2·15	1·07	3·84	1·46	6·95
		Chuadanga ...	0·09	......	0·22	0·28	0·03	0·11	0·12	4	0·85	2·93	0·85	4·51	4·55	9·47
		Meherpore ...	......	......	0·14	......	0·46	0·06	......	2	0·66	2·84	0·66	4·71	3·98	8·45
		Kushtia ...	0 05	......	0·10	......	......	0·30	0·09	2	0 54	2·42	0·54	5·10	5·22	9·80
	Khulna ...	Satkhira ...		......	0·15	0·13	0·31	0·53	0·35	5	1·47	3·06	1·55	5·21	3·93	8·56
		Bágerhat ...	......	......	... ..	0·51	1·19	0·70	1·17	4	3·57	3·36	3·36	6·49	6·43	9·94
		Khulna ...	......	......	0·60	0·12	1·09	0·56	0·62	6	3·28	3·32	3·28	5·74	6·30	9·01
		Nakipur ...	0·29	......	0·28	......	0·23	1·24	0·98	4	2·73	?	2·73	?	6·06	?
		Rampal ...	......	......	......	0·34	0·10	1·03	0·90	4	2·37	?	3·09	?	5·46	?
	Jessore ...	Narail ...	......	......	0·70	0·04	0·14	0·57	0·14	4	1·50	3·03	1·59	5·32	5·25	8·58
		Jessore ...	... ..	......	0·93	0·12	0·53	0·86	0·30	5	2·74	4·07	2·74	6·44	6·58	10·40
		Jhenidah ...	......	......	0·59	0·02	0·12	0·18	0·16	4	1·07	3·60	1·07	6·84	4·60	10·45
		Magura ...	0·09	......	0·32	......	0·20	0·27	0·18	4	1·06	3·45	1·06	5·07	4·96	9·96
		Bangaon ...	......	......	......	......	0·60	0·25	0·20	3	1·05	2·58	1·05	4·68	3·97	7·75
	Murshidabad	Kandi ...	......	......	0·30	0·21	0·87	0·83	0·25	5	2·46	2·66	2·46	4·00	3·78	7·01
		Berhampore ...	0·04	0·01	1·12	......	......	0·21	0·52	3	1·90	2·91	1·90	4·22	5·38	7·73
		Lalbagh ...	......	......	1·67	0·02	......	0·22	0·29	3	2·20	2·03	2·20	3·80	8·72	7·25
		Azimgunge ...	......	......	2·04	......	......	0·07	0·14	2	2·25	2·01	2·25	3·43	7·18	6·97
		Jangipur ...	......	......	1·26	0·53	......	0·24	0·13	4	2·16	1·71	2·16	2·70	5·87	6·12
		Lalgola ...	......	......	1·15	......	......	......	......	1	1·15	2·30	1·15	3·99	5·30	7·87
		Akhriganj ...	......	......	1·60	......	......	0·08	0·18	2	1·86	?	1·86	?	6·90	?
		Patkabari ...	......	......	0·60	......	......	0·20	0·30	3	1·10	?	1·26	?	3·60	?
EAST BENGAL	Chittagong ...	Cox's Bazar ...	0·06									9·25		14·98		21·59
		Chittagong ...	0·04	......	......	0·26	......	0·24	0·15	3	0·69	6·49	0·77	10·82	2·23	17·05
		Kutubdia ...	0·07									?		?		?
		Satkanya ...	......	0·16	0·66	0·55	......	0·37	0·27	5	2·01	?	2·01	?	5·61	?
	Chittagong Hill Tracts.	Rangamati ...	0·21	0·64	......	1·09	0·25	0·05	......	4	2·24	5·22	4·71	8·83	10·58	14·66
		Bundarban ...	......	2·26	0·76	0·05						?		?		?
	Backergunge	Patuakhali ...	......	......	......	0·09	1·26	1·23	1·02	3	3·59	5·73	3·59	10·33	4·70	16·01
		Pirojpur ...	......	......	......	0·33	2·15	0·86	0·69	4	4·03	3·24	4·03	6·74	6·13	10·54
		Barisal ...	......	......	......	0·13	0·75	1·27	0·30	4	2·45	3·67	2·45	6·81	4·75	11·59
		Gournadi ...	......	......	......	0·36	0·46	0·25	0·06	3	1·13	?	1·25	?	3·67	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 11th of June 1892—contd.

Meteorological division.	District.	Station.	Rainfall. Sunday, 5th June.	Monday, 6th June.	Tuesday, 7th June.	Wednesday, 8th June.	Thursday, 9th June.	Friday, 10th June.	Saturday, 11th June.	Total—Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th May 1892.	Average rainfall from 16th May to date.
East Bengal—concld.		Bhola ...	......	0·17	0·77	0·17	0·16	1·55	0·54	6	3·35	5·40	3·63	9·23	4·34	14·37
		Daulatkhan ...	......	0·21	0·52	0·05	0·06	1·80	0·37	4	3·01	?	3·01	?	6·04	.
		Bauphal ...	......	..	......	0·16	......	2·65	0·99	3	3·80	?	3·80	?	8·95	?
	Noakhali ...	Noakhali ...	......	1·43	......	0·35	0·02	0·24	1·14	4	3·18	5·99		10 64		16·96
		Fenny ...	......	......	0·75	......	0·42	0·16	1·45	4	2·78	8·91	3·98	14·08	7·54	20·98
		Harishpore ...	......	1·25	0·64	1·05						?	3·28	?	9·97	?
		Ramganj ...	......	......	......	0·89	......	0·35	0·39	3	1·63	?	1·74	?	3·82	?
	Faridpur ..	Madaripur ...	0·05	...	0·44	...	0·08	0·54	0·16	4	1·87	3·08	1·87	6·04	5·97	10·61
		Faridpur ...	......	0·04	...	0·82	......	0·20	0·12	3	1·18	3·07	1·18	5·71	6·91	11·22
		Goalundo ...	......	......	0·27	0·10	......	0·20	1·39	4	1·96	3·39	2·02	5·64	7·12	9·77
	Dacca ...	Munshiganj ...	......	..	...	0·39	0·62	0·23	0·39	4	1·63	4·85	1·63	7·50	8·12	12·66
		Dacca ...	......	......	...	0·13	0·07	0·23	0·40	3	0·83	3·57	0·83	6·23	7·48	10·66
		Narainganj ...	0·43	......	......	0·08	0·19	0·12	0·29	4	1·11	4·49	1·11	6·15	6·74	9·99
		Manikganj ...	......	...	0·19	......	0·03	0·15	0·25	3	0·62	2·52	0·62	4·59	5·20	8·07
		Joydebpore ...	......	0·32	0·05	..	0·16	0·03	0·11	3	0·67	?	0·67	?	5·59	?
	Hill Tippera (Tippera) ...	Agartola ...	0·12	0·50	...	...	1·80	0·65	0·15	5	3·22	4·75	3·22	6·84	10·46	12·13
		Comilla ...	0·28	0·36	......	......	0·69	0·15	0·81	5	2·29	6·03	2·55	9·49	8·54	15·43
		Chandpore ..	0·80	0·90	......	0·42	0·28	0·98	1·52	6	4·90	4·43	5·08	7·28	12·08	11·62
		Brahmanbaria	......	0·32	......	0·44	0·70	0·50	0·48	5	2·44	5·50	2·44	8·40	10·16	13·60
		Ramchandrapore ...	0·03	......	...	......	0·09		......	Nil	0·14	?	0·29	?	3·45	?
		Nasirnagar ...	......	0·75	0·80	0·50	...	0·10	......	4	2·15	?	2·15	?	5·85	?
		Daudkandi ...										?		?		?
		Kasba ...	......	......	...	0·50	...	......	......	1	0·50	?	0·50	?	6·24	?
		Laksham ...	......	0·60	......	......	0·75	...	......	2	1·35	?	3·35	?	7·30	?
	Mymensingh...	Kishoregunge	2·12	0·25	...	......	0·18	0·85	0·06	4	3·46	6·86	3·46	10·36	16·24	?
		Atia (*Tangail*)	......	...	0·14	......	0·13	0·19	0·18	4	0·64	3·80	0·64	6·49	6·93	16·16
		Mymensingh ...	......	1·06	0·03	..	0·02	0·71	0·02	2	1·84	5·40	3·38	9·29	14·56	10·29
		Jamalpur	......	...	...	0·40	...	0·32	0·50	3	1·22	4·43	1·33	7·08	7·46	16·27
		Netrokona	......	2·65	......	...	......	...	0·65	2	3·30	6·57	3·30	10·49	18·66	11·83
		Sobornakhally	......	0·11	...	0·57	......	0·27	0·32	4	1·27	?	1·45	?	5·54	17·55
		Durgapore ...	1·32	...	1·95	...	......	1·10	0·90	4	5·27	?	5·37	?	20·45	?
		Sherepore Town	...	......	...	1·20	......	0·97				?		?		?
		Dewanganj ..	......	......	2·2	...	0·34					?		?		?
North Bengal.	Pabna ...	Pabna	......	......	0·09	......	...	0·30	0·39	2	0·78	2·65	0·78	5·28	5·75	?
		Sirajganj ...	......	0·09	...	0·13	0·19	0·49	0·21	4	1·11	2·95	1·11	4·85	7·95	9·33
	Bogra ...	Sherepore ..	......	......	......	0·83	0·05	0·40	0·25	3	1·53	2·95	2·40	4·80	6·91	9·57
		Nowkhilla ...	......	......	......	0·05	0·15	0·07	......	1	0·27	3·61	1·16	5·82	6·65	10·55
		Bogra ...	......	......	......	0·06	0·34	0·38	0·26	3	1·04	3·72	3·49	6·20	8·60	10·86
		Panchbibi ..	......	......	0·25	......	0·52	1·00	0·34	4	2·11	2·82	5·22	4·83	8·35	12·03
	Rajshahi ...	Boalia ..	......	......	0·02	......	0·05	0·07	0·28	1	0·42	2·02	0·42	4·24	4·07	10·34
		Nator .	......	......	......	0·42	......	0·80	0·46	3	1·68	2·06	1·83	4·49	9·39	7·60
		Naogaon .	......	......	0·46	1·05	...	0·50	0·24	4	2·25	2·78	4·15	4·38	7·94	8·30
		Lalpore ...	......	...	...	...	0·76	0·61	0·96	3	2·33	?	2·33	?	7·45	9 07
		Manda ...	......	......	1·30	0·19	0·30	0·39	1·00	5	3·18	?	4·47	?	7·47	?
	Malda ..	Malda .	......	......	0·60	0·02	0·20	0·88	0·33	4	2·03	2·83	3·13	4·23	4·06	?
		Chanchal ...	......	......	0·20	0·85	...	0·21	0·86	4	2·12	2·76	2 85	4·13	4·16	7·09
		Gajol ...	......	......	0·32	2·59	1·22	0·20	0·45	5	4·78	?	6·75	?	8·73	7 08
		Sibganj ...	......	......	0·33	0·34	0 12	0·15	0·34	5	1·28	?	1·67	?	5·70	?
	Dinajpur ...	Mohadebpore	......	......	0·45	0·33	0·31	0·12	0·34	5	1·85	3 30	4·05	5·86	7·35	?
		Churamon ...	......	......	0·35	1·52	0·43	0·14	0·81	5	3·25	2·08	3·80	4·31	6·01	10·59
		Raigunge ...	......	......	2·00	0·18	0·20	0 11	0·98	5	3·47	3·38	3·59	5·03	6·87	8·14
		Dinajpur ..	0·05	0·25	0·03	0·15	0 66	0·03	0·96	4	2·13	5·08	6·12	6·84	8·08	9·14
		Baloorghat ...	......	......	1·24	......	......	0·43	0 97	3	2·64	2·89	5·53	4·56	5·25	12·09
		Thakoorgaon	3·95	......	......	2·10	......	......	1·10	3	7·15	?	9·07	?	16·45	10·54
	Rangpur ...	Bhawanigunge (*Gyabanda*)	......	0·20	......	0·07	0·20	0·18	0·22	4	0·87	4·41	2·12	7·05	11·80	?
		Rangpur	0·16	......	0·19	0·06	......	......	0·39	3	0·80	5·72	3·79	8 08	13·80	12·89
		Kurigram ...	1·19	......	0·09	......	......	0·26	0·40	3	1·94	6·00	4·30	11·30	11·47	16·03
		Bagdogra (*Nilphamar*)	0·51	......	0·27	1·41	0·55	......	0·26	5	3·00	7·71	3·62	10·75	13·07	20·42
		Ulipore ...	......	0·44	...	0·18	0·04	......	0 70	3	1·36	?	4·55	?	19·09	19·42
	Jalpaiguri ...	Jalpaiguri ...	0·85	0·08	0·02	0·13										?
		Alipore Dooar	1·70	......	...	1·12	...	0·97	......	3	3 79	8·00	6·30	13·00	26·13	21·61
		Fallacotta ...	0·25	......	......	0·75	......	0·31	...	3	1·31	?	1 31	?	22·15	?
		Debiganj ...	3·31	...	......	2·83	......	...	0·13	3	6·27	?	10·47	?	18·90	?
		Bhagatpore (Nagrakatta)	1·15	0·04	...	0·60	......	0·75	0·60	4	3·14	?	5·39	?	33·20	?
	Kuch Bihár ..	Dinhatta ...	0·04	......	0·03	5·78	0·02	0·05	0·18	2	6·10	7·86	7·41	13·88	31·10	?
		Kuch Bihár .	0·18	......	......	0·88	......	0·05	0·30	3	1·41	9·29	4 82	17·21	33 91	24·03
		Mickilgunge ...	2·82	0·38	......	0·09	......	0·08	0·09	2	3·46	6·66	4·09	11 18	21 68	26·98
		Mathabhanga	1·20	......	......	0·20	......	0·09	0·08	2	1·57	7·08	3·45	12·16	21·44	20·06
	Darjeeling Hill.	Buxa .	1·47	0·18	0·29	0·60	......	0·88	0 78	6	4·20	11·03	5·84	10·15	30·19	20·95
		Silliguri ...	1·84	0·24	0·21	0·33	......	0·48	0·26	6	3·36	6·71	3·40	16·03	14·60	31·61
		Darjeeling ...	0·06	0·21	0·09	1·25	0·43	2 61	5·65	5	10 29	6·23	11·10	9·11	19 38	17 13
		Kalimpong ...	......	0·08	0·02	0·52	......	2·40	1·21	3	4·23	4·61	4·29	6·30	11·63	14·24
		Kurseong ...	0·67	0·03	0·05	2·83	0·10	1·96	3·10	5	8·74	?	9·26	?	16·50	9·31
North Bihár	Purnea ...	Kishanganj ...	1·58	1·65	0·18	......	......	0·11	0·60	5	4·07	4·35	4·63	6·35	9·50	?
		Araria ...	0·80	6·20	......	......	0·12	......	0.76	5	10·98	3·46	10·08	4·46	11·98	10 52
		Purnea ...	0·05	......	0·53	0·05	0·52	0·43	1 00	4	2·58	8·43	4·20	4 68	7·72	7·69
		Gondwara ...	......	......	0·60	3·80	......	0 60								7·74
		(Kyrah)										?		?		?
		Barsoe ...	0·87	2·08	1·19	0·12	0·08					?		?		?
		Forbesganj ...	1·05	4·13	0·73	......	......	....	0·43	4	6·04	?	8·02	?	13·40	?
	North Bhágalpur.	*Kaliganj* ...	2·00	1·87	......	0·60	......	....	0·40	4	4·87	?	5·86	?	15·65	?
		Madhipura ...	......	......	4·80	2·00	......	......	0·42	3	7·22	2·03	7·22	3·29	8·92	5·35
		Bongaon (Sufabad) ...	......	......	1·05	......						?		?		?
		Supaul ..	......	3·35	2·65	......	0·13	......	0·25	4	6·38	3·20	6·38	3·72	8·80	6·06
		Protabganj ...	......	5·10	1·89	......	......	......	0·47	3	7·46	?	7·69	?	11·60	?
	Darbhanga ...	Tájpur ...	......	1·55	0·65	2·15	......	......	0·30	4	4·65	1·89	4·65	2·35	5·15	3·41
		Darbhanga ...	......	1·35	1·84	......	......	0·04	0 35	3	3·58	2·29	3·58	2·77	5·55	4·14
		Madhubani ...	......	3·63	1·32	......	......	......	0·20	3	5·15	2·51	5·15	3·25	6·99	4·91
		Bahera ...	......	1·85	2·05	0·16	......	0·70	......	4	4·76	?	4·76	?	5·36	?
		Roshera ...	......	......	1·07	0·72	......	......	0·40	3	2·19	?	2·19	?	2·26	?
	Muzaffarpur...	Sitamarhi ...	......	3·40	0·48	......	......	......	......	2	3·88	2·83	3·88	3 65	5·14	4·05
		Muzaffarpur	......	3·10	0·47	......	......	......	0·12	3	3·69	1·68	3·69	2·21	4·43	3 64
		Hajipur ...	......	0·98	0·34	0·05	......	0·08	0·24	3	1·69	1·75	1·69	2 10	1·95	3 15
		Paru ...	......	1·20	......	......	......	......	0·17	2	1·37	?	1·37	?	2·72	?
		Mahua ...	0·20	3·00	1·04	......	......	......	......	3	4·24	?	4·24	?	4·63	?
		Siuhar ...	......	3·00	......	......	......	......	0·05	1	3 05	?	3·05	?	3·05	?
		Pupri ...	......	5·25	0·80	......	......	......	......	2	6·05	?	6·80	?	7·48	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 11th of June 1892—concld.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 5th June.	Monday, 6th June.	Tuesday, 7th June.	Wednesday, 8th June.	Thursday, 9th June.	Friday, 10th June.	Saturday, 11th June.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th May 1892.	Average rainfall from 16th May to date.
NORTH BIHÁR—concluded.	Champaran ...	Motihari	......	4·35	0·09	......	......	......	0·03	1	4·77	1·69	5·02	2·40	8·36	4·04
		Bettiah	......	1·23		......	......	......				1·98		2·87		4·26
		Bagaha	......	0·82	......	......	......	......	0·05	1	0·87	?	0·99	?	1·80	?
		Burhurwa	......	0·24	......	......	......	......	0·01	1	0·25	?	0·25	?	0·82	?
	Saran ...	Gopalgunge	......	0·42	......	......	......	......	0·04	1	0·40	1·03	0·48	2·01	1·36	3·18
		Siwán	1·09	0·14	......	......	0·04	......	0·14	3	1·41	1·74	1·52	2·43	?	3·59
		Chapra	0·04		0·36	......	2·42	0·12	0·20	4	3·14	1·30	3·14	1·64	4·36	2·63
SOUTH BIHÁR	Shahabad ...	Buxar	......	0·35	1·03	......	0·49	0·04	0·29	4	2·80	1·10	2·80	1·32	2·95	1·97
		Dehri	......	0·02	1·45	1·58	0·03	0·43	1·07	4	4·58	1·20	4·53	1·30	4·72	2·44
		Bhabhua	......	0·03	0·54	......	......	0·50	1·93	3	3·00	1·04	3·00	1·23	3·29	1·86
		Sasarám	......	0·10	1·00	0·03	0·38	0·80	0·69	5	3·00	1·16	3·00	1·27	3·00	2·05
		Arrah	0·15	0·03	......	......	......	0·40				1·53		1·98		3·11
		Mohaniah	......	......	0·21	......	......	0·73	......	2	0·94	?	0·94	?	0·94	?
		Khiri	......	0·90	1·16	......	......	2·20	0·37	4	4·63	?	4·63	?	4·63	?
		Ageaon	......	1·30	......	0·60	......	0·30	0·60	4	3·20	?	3·20	?	3·20	?
		Rammagor	......	0·15	0·19	0·82	......	......	0·40	4	1·56	?	1·86	?	1·86	?
		Koath	......	......	0·40	......	......	......	0·60	2	1·00	?	1·25	?	1·34	?
		Sikroul	......	0·18	......	......	0·10	0·27	0·10	4	0·65	?	0·65	?	0·65	?
		Bassowan	......	0·64	......	......	1·25	1·00	0·54	4	3·43	?	3·43	?	3·43	?
		Monaharpur	......	0·34	1·45	......	......	1·28	0·52	4	3·57	?	3·57	?	3·57	?
	Gaya	Aurangabad	......	0·55	1·38	0·19	0·29	0·13	1·34	6	3·88	1·76	3·88	2·15	3·94	3·47
		Gaya	......	0·26	0·11	0·76	0·04	0·33	0·47	5	1·96	2·20	1·96	2·39	2·53	3·91
		Nawádah	......	0·04	4·16	......	......	0·11	0·77	3	5·08	1·21	5·08	1·55	5·46	3·04
		Jahánabad	......	0·33	......	......	......	......	0·55	2	0·88	1·55	1·07	1·79	1·07	3·28
		Arwal	......	......	0·76	......	......	0·63	0·39	3	1·78	?	1·78	?	1·78	?
		Daudnagar	......	......	......	......	1·00	......	0·95	2	1·95	?	1·95	?	1·95	?
		Sherghati	......	......	0·18	0·21	......	0·22	1·09	4	1·70	?	1·70	?	1·70	?
		Rajauli	......	......	0·72	......	0·31	0·11	0·51	4	1·65	?	1·65	?	1·72	?
		Pakri Barawan	......	......	0·27	......	......	0·05	0·66	2	0·98	?	0·98	?	1·18	?
	Patna	Patna	......	0·91	0·74	1·05	......	......	0·18	4	2·88	1·73	2·88	2·22	3·33	3·72
		Dinapore	......	1·27	1·15	......	......	......	0·15	3	2·57	1·65	2·57	1·87	2·78	3·05
		Bihár	......	......	0·50	1·15	......	0·19	0·24	4	2·10	1·47	2·10	1·71	2·50	3·34
		Barh	......	0·80	1·20	1·60	......	......	0·15	4	3·75	1·19	3·95	1·48	3·95	2·93
		Bickram	......	......	1·04	......	......	......	0·31	2	1·35	?	1·85	?	1·55	?
		Hilsa	......	0·20	1·10	......	......	......	0·30	3	1·60	?	1·60	?	2·40	?
	Monghyr ...	Begusarai	......	......	......	0·18	......	......	0·18	2	0·36	1·63	1·58	2·03	1·85	3·45
		Monghyr	......	......	2·50	......	......	0·18	0·07	2	2·75	1·42	3·21	2·24	3·51	3·92
		Jamui	......	......	1·67	......	......	0·36	0·48	3	2·51	1·23	2·51	1·64	3·66	3·00
		Gouri	......	......	0·38	......	......	0·07	0·11	2	0·54	?	0·54	?	0·69	?
		Sheikpura	......	......	0·39	......	......	0·35	0·15	3	0·89	?	0·89	?	1·04	?
	South Bhágalpur.	Bhágalpur	......	0·24	0·78	0·63	......	1·39	0·14	5	3·18	1·95	3·18	2·63	3·51	4·45
		Banka	......	......	0·84	0·18	0·05	0·37	0·30	4	1·74	1·29	1·74	2·18	2·84	3·82
		Kolgong	......	......	2·02	0·17	......	0·35	0·25	4	3·39	?	3·39	?	3·93	?
	Sonthal Parganas.	Rajmahal	......	......	0·44	......	0·19	0·73	0·21	4	1·57	2·29	2·95	3·39	3·70	6·31
		Godda	......	......	0·10	0·02	1·30	0·58	0·17	4	1·96	1·34	2·27	2·09	3·58	4·40
		Pakour	......	......	0·24	0·74	......	0·04	0·12	3	1·14	2·77	1·14	3·02	4·89	7·66
		Naya Dumka	......	......	......	......	0·10	0·15	2·00	3	2·25	2·25	2·25	3·44	4·87	5·69
		Deoghur	......	......	......	0·23	0·72	0·19	1·39	4	2·53	2·15	2·53	3·04	3·49	4·80
		Jamtara	......	......	......	0·14	0·13	1·40	0·39	4	2·06	2·30	2·06	3·13	4·04	5·45
		Belbodda	......	......	......	1·40	......	0·48	0·90	4	3·88	?	3·88	?		?
		Nanihat	......	......	......	......	......	0·41	0·80	2	1·21	?	1·21	?		?
CHOTA NAGPUR.	Hazáribágh ..	Pachamba (*Giridi*).	......	......	......	......	0·32	0·29	1·19	3	1·80	2·02	1·81	2·87	2·98	4·73
		Hazáribágh	......	......	1·93	1·17	......	0·43	3·01	4	6·54	1·70	6·80	2·42	7·68	4·32
		Semtaguran	......	1·65	1·50	......	0·36	1·40	......	4	4·91	2·27	5·41	2·84	6·61	4·76
		Mahudi Hills										2·44		3·11		4·95
		Jhoomra Hills										1·68		2·51		4·15
		Barhi	......	......	0·60	0·29	......	0·52	1·91	4	3·32	?	3·35	?	4·02	?
		Chatra	......	0·09	1·35	0·16	......	0·00				?		?		?
		Karagdeha	......	......	1·95	0·13	......	......	1·20	3	3·28	?	3·51	?	4·18	?
		Ramghar	......	0·25	0·50	0·40	1·10	2·20				?		?		?
	Lohardaga ...	Lohardaga	......	0·52	......	......	0·91	2·38	......	3	3·81	1·50	4·72	1·85	5·17	3·71
		Ranchi	......	......	0·28	......	......	2·04	3·10	4	6·29	1·99	6·55	3·29	7·86	5·26
		Silli	......	......	0·30	......	0·20	0·90	2·50	4	3·90	?	3·90	?		?
	Palámau ...	Palámau	......	......	0·13	......	0·20	0·60				1·42		1·93		3·06
		Balumat	......	......	2·75	......	0·10	0·80				?				?
		Hosseinabad	0·08	......		......	1·78	......	2·80	2	4·63	?	5·66	?	6·66	?
		Garwah	......	......	0·10							?				?
	Singbhum ...	Chaibassa	......	......	......	0·24	0·45	1·10	1·08	4	2·87	1·90	2·87	2·85	5·06	5·32
		Chakradharpore.										?				?
		Ghatsilla	......	......	......	......	......	1·15	0·48	2	1·63		2·43	?	4·27	?
		Chaharagura	......	......	......	......	0·75	1·76	0·25	3	2·70	?	4·22	?	5·61	?
	Manbhum ...	Purulia	......	......	0·30	......	0·38	0·53	2·20	4	3·41	2·21	3·40	3·18	5·23	5·09
		Gobindpur	......	......	0·73	2·20	1·45	0·68	0·73	5	5·79	1·40	5·79	2·54	7·28	3·96
		Raghunathpore.	......	......	0·20	0·04	0·50	0·23	2·23	4	3·29	?	3·78	?	5·69	?
		Barrabhum	......	......	......	......	0·15	1·75	0·75	3	2·65	?	4·23	?	5·25	?
		Jhalda	......	0·40	......	0·40	1·55	2·00	0·32	5	4·67	?	5·57	?	6·59	?
		Chas	......	......	......	......	0·15	0·31	2·75	3	3·21	?	3·71	?	5·54	?
		Pandra	......	......	0·05	1·94	1·40	1·20	0·01	4	5·56	?	5·50	?	6·55	?

Explanation.—......indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least ·1 inch of rain has fallen.

CALCUTTA, *the 14th June 1892.*

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 11TH OF JUNE 1892.

ON the last few days of the previous week a rapid increase of pressure had taken place in Bengal and pressure had become largely in excess of the normal, so that the pressure distribution had become very unfavourable for the advancement of the monsoon current and the setting in of the rains over Bengal, though as stated in the report of the previous week, the monsoon current had advanced well into the north of the Bay. On the 4th, however, a reaction had set in and pressure began to fall, and this fall continued on the 5th and 6th, and on the latter day the distribution of pressure became very irregular, and the lowest pressures were reported at Gopalpore and Puri. In addition, too, pressure had become below the normal over the Bay, while slight excess pressure was still recorded in Bengal. Wind directions at the coast stations in the north of the Bay were decidedly irregular, and in Bengal at most stations winds had become easterly. On this day some exceedingly heavy rainfalls were reported in North Bihár and North Bengal, but over the remainder of the province only a few local showers fell. On the 6th, so far as could be detected, there was no sign of any cyclonic circulation of winds in the north of the Bay, and certainly no storm had formed, though perhaps in some parts of the Bay weather may have been a little squally. On the morning of the 7th pressure had again fallen moderately to rapidly, and pressure had become below the normal by amounts which ranged up to nearly a tenth of an inch along the west coast from Gopalpore to Madras. Winds also at the stations on the Circars and Orissa coasts began to show the commencement of a cyclonic circulation, though they were very light in all cases. The lowest pressures reported on this day were at Puri and Gopalpore, and it was evident that a barometric depression had formed, and its position, so far as can be at present roughly judged, was in about latitude 17° or 18° N. and perhaps longitude 88° E., but until the observations from the vessels navigating the Bay have been received and worked out, the precise position of the formation of the storm cannot be accurately given. On the 7th the winds over Bengal became mainly easterly and south-easterly, and may have been influenced by the developing whirl or depression, but this is scarcely probable. Moderate to heavy rain was reported on this day from many of the Bengal stations. On the 8th the storm in the Bay had undergone further development, a rapid fall of pressure had taken place in the north-west angle of the Bay, and in Orissa and at such stations as False Point, pressure had become more than a fifth of an inch below the normal. The cyclonic wind circulation as indicated by the observations at the coast stations had also advanced northwards, and the centre of the storm was at 8 a.m. probably to the east of Puri or Gopalpore. The storm had undoubtedly developed very considerably in the day and was already of moderate severity. From the 8th to the 9th at 8 a.m. the storm developed in intensity with extraordinary rapidity and had become a fierce cyclone, and it had also again advanced slowly in a northerly direction and was probably a little to the south of east of False Point. The increase in intensity may be judged by the fact that there had been a fall of a quarter of an inch in the pressure at False Point, and pressure there was about half an inch below the normal. The position of the cyclone can be fortunately fixed in the afternoon and evening of the 9th, for the Meteorological Department has been favoured with a report by Mr Milner, Senior Branch Pilot, who was on board the P. V. *Sarsuti*, which experienced the storm and which passed through the calm centre, and extracts from whose report are given below. The *Sarsuti* it appears entered the calm centre of the cyclone from the north-eastern quadrant between 3 p.m and 4 p.m. of the 9th, and was in it until nearly 7-30 p.m. The position of the *Sarsuti* at this time is given as 55 miles E. by N. of False Point, so that again the storm had moved in a northerly direction, and its centre was about 80 miles from, and almost due south of, the mouth of the Hooghly, and considering the direction in which the storm had been moving on the 7th and 8th, which, so far as can be judged, was almost due north, it appeared highly probable that the storm would reach the mouth of the Hooghly, and might possibly subsequently advance up the basin of the Hooghly towards Calcutta. During the evening and night of the 9th the rate at which the storm was moving must have increased very rapidly, and the storm must also have commenced to recurve towards the west, for at 11 p.m. of the 9th the centre was to the south-south-west of Saugor Island and about 45 miles only from the mouth of the Hooghly, so that it had moved 35 miles in 5 or 6 hours. At 2 a.m. of the 10th it was to the west-south-west of Saugor Island, and at 5 a.m. it was almost on the coast line between Calcutta and Balasore. So far as can be ascertained, the storm centre crossed the coast between Balasore and Saugor Island at about 6-30 a.m. on the 10th, and nearer the former station than the latter. As the distance between the mouth of the Hooghly and Balasore is not more than about 50 to 60 miles, the storm could only have passed about 40 or 45 miles to the west of the mouth of the river. In passing it may be remarked that the great Calcutta cyclone of 1864, which caused the storm wave in the Hooghly and the consequent enormous destruction of shipping and property, crossed the coast a little to the west of the mouth of the Hooghly, and the point at which the storm which is now being described

struck the land was probably not more than 30 miles to the west of that of the 1864 cyclone. The difference between the paths of the two cyclones was this, that in the present year the storm commenced to recurve to the west as it approached close to the head of the Bay, and that when it reached the land it recurved still more rapidly to the west and took up a west-north-westerly direction, which carried the storm rapidly away from Calcutta. On the other hand, the storm of 1864 continued in its northerly course after reaching the land, and later on recurved slightly towards the east, thus bringing it nearer to Calcutta, though the centre of the cyclone of 1864 was never nearer than 30 miles to the west of Calcutta.

The storm having crossed the coast a little to the east of Balasore about 6-30 a.m. of the 10th, when the extraordinarily low pressure of 28·670 inches was registered, it advanced in a west-north-westerly direction, and at 8 a.m. the centre was to the north or north-west of Balasore, when a pressure of 28·731 inches was registered. From the 10th to the morning of the 11th the storm continued its west-north-westerly advance, and the centre was on this day apparently in the south-west corner of Chota Nagpur, but as there are no meteorological observatories in the immediate neighbourhood of this area, it is impossible to state its position with certainty. The rapidity of the advance of the storm on this day was also very much greater than it had been, and while from the morning of the 9th to the 10th the distance travelled by the storm cannot have been more than 90 to 100 miles, from the 10th to the 11th it had travelled over probably 250 miles, and thus had more than doubled the rate of its advance.

The strength of the storm may be judged by the excessively low pressures registered at all the coast stations in the north-west angle of the Bay during the advance and passage of the storm which were much lower than during the passage of any storm during recent years, and notably by the pressure at Balasore at 6-30 a.m. on the 10th of 281·670 inches. Exceedingly strong winds also prevailed in the neighbourhood of the storm, and for a long distance to the east and south of it. At Balasore during the early morning of the 10th winds were reported to be of hurricane force. Up to the present time the only report of any vessel which was involved in the storm which has reached the Meteorological Department is that of the *Sarsuti* sent in by Mr. Milner above referred to, and his description of the weather experienced near the centre of the storm may be briefly stated:—"The wind kept at S.E. and E.S.E. till 3 p.m. (of the 8th), when it died away to a calm; it had been blowing a moderate gale; wind was very light until 7-30 p.m., when it began to freshen, and became very violent at 9 p.m. from the W.S.W.; it was most furious at midnight to 1 a.m. (of the 9th), when it seemed doubtful if the masts would not be blown out of the vessel, the wind being then S.W. It is doubtful if the wind was not as strong as in the cyclone of May 1887 (when the *Sir John Lawrence* and the *Retriever* were lost), at which time I was on board the P V. *Cassandra* and nearly in the same position. On this occasion the vessel was under bare poles." The lowest pressure recorded during the calm centre in the *Sarsuti* was about 28·8 inches, which being reduced for temperature and gravity would be probably about 28·6 inches. The cyclone, then, was undoubtedly one of the fiercest of recent years, and in addition it affected a very large area, and the bad weather accompanying it extended even to such stations as Chittagong, Akyab, and Diamond Island to the east and south-east, and to Coconada on the south-south-west of the storm.

Pressure.—Owing to the formation and advance of the cyclone, pressure has been rather largely in defect of the normal in all districts; the mean defect is largest at Balasore, where it equals 0·195″, and it generally exceeds a tenth of an inch in the south-western districts, but the defects are comparatively small in the north of the province, where at such stations as Purnea, Darbhanga, and Motihari the defects are only one or two-hundredths of an inch.

Temperature.—Owing to the heavy rainfall, temperature has been below the normal in all districts except East Bengal, the defects equalling 4° and 5° in South Bihár and Chota Nagpur, and 2° and 3° degrees in Orissa and South-West Bengal and North Bihár. In Assam and in East Bengal temperature has been about 1° above the normal.

Rainfall.—Exceptionally heavy rain was brought up by the cyclone to parts of Orissa, and on the 10th, False Point reported 11·27 inches, while for the week this station has received 17·20 inches. Several other stations also reported falls of about 10 inches and upwards during the week. Rainfall has therefore been in very large excess of the normal in Orissa, and in large excess in Chota Nagpur and Bihár. In South-West Bengal about a normal fall has occurred, but owing to the indraught towards the storm, the rainfall in East and North Bengal has been lighter than usual, and the falls do not amount to more than about half the normal.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 11th of June 1892:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.						RAINFALL.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 16th May 1892.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	99·9	71·1	89·1	78·9	84·0	−3·1	6·50	1·68	+4·82	3·60	2·30	+1·30	6·94	2·62	8·06	4·99
South-West Bengal ...	99·5	75·9	91·5	79·0	85·3	−2·1	2·40	2·51	−0·11	3·65	2·78	+0·87	2·60	4·30	5·79	7
East Bengal	92·6	74·8	88·7	77·9	83·3	+1·0	2·25	5·58	−3·33	3·80	3·97	−0·17	2·50	8·92	8·53	14·22
North Bengal	96·7	73·7	89·3	76·9	83·1	−0·5	1·90	4·51	−2·61	3·32	3·45	−0·13	3·29	7·41	11·45	13·39
North Bihár	105·2	72·2	90·9	76·6	83·8	−3·6	3·98	2·36	+1·62	3·06	2·07	+0·99	4·11	3·14	5·95	4·96
South Bihár	107·4	73·0	93·0	78·3	85·6	−4·2	2·61	1·64	+0·97	3·67	1·83	+1·84	2·81	2·18	3·57	3·80
Chota Nagpur	102·3	69·8	89·7	75·5	82·6	−5·5	3·97	1·87	+2·10	3·73	2·54	+1·19	4·17	2·67	5·44	4·48
Assam	96·1	71·8	89·7	76·8	83·2	+0·7										

METEOROLOGICAL OFFICE, BENGAL,
The 14th June 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 5th to 11th June 1892.

MONTH.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	TEMPERATURE.						HYGROMETRY.			Rainfall at 10 A.M. for past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
June ...	5th ...	29·711	87·3	95·0	15·4	79·6	91·1	81·4	·940	77·4	64	N
" ...	6th ...	·634	87·2	95·0	15·7	79·3	89·6	80·5	·920	76·7	66	...
" ...	7th ...	·539	84·7	89·5	9·7	79·8	88·6	81·5	·981	78·6	73	0·28
" ...	8th ...	·460	84·8	90·5	11·5	79·0	87·1	81·5	1·002	79·3	78	1·10
" ...	9th ...	·330	81·6	84·9	6·6	78·3	84·6	81·0	1·011	79·6	85	0·82
" ...	10th ...	·291	81·8	85·9	8·3	77·6	83·6	81·5	1·048	80·7	91	0·54
" ...	11th ...	·530	82·7	87·5	9·7	77·8	80·6	79·5	·995	79·1	95	1·38

	Inches.
The mean 10 A.M. pressure of the seven days	29·499
The mean temperature of the seven days	84·3
The extreme variation of temperature	17·4
The maximum temperature	95·0
	%
The mean 10 A.M. relative humidity of the seven days	79
The total fall of rain from 5th to 11th June 1892	4·07

The daily mean temperatures are the crude means of maximum and minimum temperatures.

J. H. GILLILAND,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
The 13th June 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 21st May 1892.

1	2	3			4			5			6	7							8							9	10		11		12
		POPULATION.			BIRTHS.							MORTALITY ACCORDING TO																			
												Diseases.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.				Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
DISTRICTS.	NAMES OF MUNICIPALITIES.	Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding week.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan	Burdwan	18,063	16,017	34,080	2	5	*7*	3·1	7·6	*10·7*	40	1	1	8	1	..	3	*14*	1·5	1·5	12·2	1·5	...	4·6	*21·4*	35·1	7	7	20·2	22·7	89
	Raniganj	6,216	4,691	10,937	6	7	*13*	28·5	33·3	*61·8*	85	2	...	2	2	...	3	*9*	9·5	...	9·5	9·5	...	14·2	*42·8*	93·8	4	5	33·3	55·4	60
Bankura ...	Bankura	8,970	8,925	17,895	5	11	*16*	14·5	32·0	*46·5*	45	...	...	2	1	...	3	*6*	...	...	5·8	2·9	...	8·7	*17·4*	11·6	3	3	17·4	17·5	100
Birbhum ...	Suri	3,982	3,866	7,848	2	1	*3*	13·2	6·6	*19·9*	200	2	...	2	...	...	...	*4*	13·2	..	13·2	..	.	...	*26·5*	26·5	2	2	26·1	26·9	97
Midnapore ...	Midnapore ...	16,927	16,633	33,560	6	5	*11*	9·3	7·7	*17·0*	120	40	.	5	5		1	*51*	[illegible]		7·7	7·7		1·5	*79·0*	75·9	27	24	82·9	75·0	110
Hooghly, including Serampore.	Hooghly and Chinsura.	15,858	15,829	31,687	8	8	*16*	13·1	13·1	*26·3*	100	11	...	10	1	...	...	*22*	18·0	...	16·4	1·6	...	...	*36·1*	75·5	12	10	39·3	32·9	119
	Serampore ...	13,559	12,937	26,496	4	6	*10*	7·8	11·8	*19·6*	66	4	...	9	6	...	...	*19*	7·8	...	17·7	11·8	...	...	*37·3*	66·7	12	7	46·0	28·1	163
	Utterpara	3,046	2,464	5,510	4	6	*10*	37·7	56·6	*94·4*	67	..	...	...	1	..	1	*2*	...	...	...	9·4	...	9·4	*18·9*	47·2	2	...	34·1	...	No female death.
Howrah ...	Howrah	53,153	37,660	90,813	18	20	*38*	16·3	11·5	*21·8*	90	38	...	13	5	1	5	*62*	21·8	.	7·4	2·8	·6	2·8	*35·5*	48·7	38	24	37·2	33·1	112
	Bally	7,836	6,979	14,815	...	...	...	...	...	...		2	..	2	2	...	1	*7*	7·0	...	7·0	7·0	.	3·5	*24·6*	24·6	4	3	26·5	22·4	118
24-Parganas	Cossipore-Chitpur	16,080	10,214	26,294	4	3	*7*	7·9	5·9	*13·8*	133	10	..	4	1	...	3	*18*	19·8	..	7·9	2·0	...	5·9	*35·6*	19·8	10	8	32·3	40·7	79
	Manicktolla ...	16,536	12,112	28,648	5	4	*9*	9·1	7·2	*16·3*	125	10	...	4	1	...	2	*17*	18·2	..	7·2	1·8	.	3·6	*30·9*	30·9	10	7	31·4	30·1	104
	Baranagore ...	15,920	14,062	29,952	6	1	*7*	10·4	1·7	*12·1*	600	5	...	5	...	..	2	*12*	8·7	...	8·7	...	...	3·4	*20·8*	43·4	10	2	32·7	7·4	441
	South Suburban	26,400	25,258	51,658	6	5	*11*	6·0	5·0	*11·1*	120	7	...	9	2	1	4	*23*	7·0	.	9·1	2·0	1·9	4·0	*23·2*	25·2	14	9	27·6	18·5	149
Nadia ...	Krishnagar ...	13,263	14,214	27,477	1	3	*4*	1·9	5·6	*7·5*	33	...	...	9	...	1	1	*11*	...	...	17·0	...	1·9	1·9	*20·8*	11·3	5	6	19·6	22·0	88
	Ranaghat	4,028	4,655	8,683	2	3	*5*	12·0	17·9	*29·9*	66	1	...	6	...	1	1	*9*	6·0	...	35·9	...	6·0	6·0	*53·9*	23·9	5	4	64·5	44·7	144
	Santipur	13,708	15,979	29,687	11	10	*21*	19·3	17·5	*36·8*	110	...	...	9	...	...	...	*9*	...	...	15·8	...	...	...	*15·8*	19·3	5	4	19·0	13·0	146
Jessore ...	Jessore	4,830	3,665	8,495	...	2	*2*	...	12·2	*12·2*	No male birth.	1	...	2	...	1	...	*4*	6·1	...	12·2	...	6·1	...	*24·5*	30·6	4	...	43·1	...	No female death.
Murshidabad	Berhampore ...	11,657	11,948	23,605	4	...	*4*	8·8	...	*8·8*	No female birth.	1	...	5	...	...	...	*6*	2·2	...	11·0	...	...	...	*13·2*	24·2	6	...	26·8	...	Ditto.
	City Murshidabad	18,901	20,330	39,231	4	...	*4*	5·3	...	*5·3*	Ditto ..	7	...	13	...	...	...	*20*	9·3	...	17·2	...	...	...	*26·5*	23·9	11	9	30·3	23·0	131
Khulna ...	Khulna	3,249	3,043	6,292	...	1	*1*	...	8·2	*8·2*	No male birth.	2	...	2	...	...	2	*6*	16·5	...	16·5	...	...	16·5	*49·6*	57·9	3	3	48·0	51·3	93
Dinajpur ...	Dinajpur	7,254	5,306	12,560	1	...	*1*	4·1	...	*4·1*	No female birth.	...	...	6	...	...	1	*7*	...	...	24·8	...	...	4·1	*29·0*	33·1	5	2	35·8	19·6	182

Rajshahi ...	Rampur Boalia ...	10,766	9,025	19,791	6	2	*8*	15·8	3·2	*21·0*	300	...	...	6	...	...	...	*6*	..	...	15·8	...	...	...	*15·8*	13·1	2	4	9·7	3·0	42
Rangpur ...	Rangpur	8,011	5,309	13,320	...	...	..	.	...	...	...	...	...	1	...	...	...	*1*	..	...	3·9	...	..	...	*3·9*	3·9	1	...	6·5	...	No female death.
Bogra ...	Bogra	3,480	2,699	6,179	1	2	*3*	8·4	16·8	*25·2*	50	.	...	1	1	..	1	*3*	...	...	8·4	8·4	...	8·4	*25·2*	42·1	3	...	44·8	...	Ditto.
Pabna ...	Pabna	7,701	7,566	15,267	3	1	*4*	10·2	3·4	*13·6*	300	1	...	12	...	...	1	*14*	3·4	...	40·9	...	...	3·4	*47·7*	64·7	8	6	54·1	41·2	131
	Sirajganj	11,213	9,824	21,037	9	6	*15*	22·2	14·8	*37·1*	150	...	...	10	1	2	...	*13*	...	...	24·7	2·5	4·9	...	*32·1*	7·4	6	7	27·8	37·1	75
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	2	3	*5*	14·8	22·2	*37·0*	66	...	...	1	1	...	2	*4*	...	...	7·4	7·4	...	14·8	*29·6*	37·0	2	2	22·7	42·6	53
Jalpaiguri ...	Jalpaiguri ...	4,972	2,975	7,947	...	..	...	...	...	...	...	...	...	3	...	...	..	*3*	...	..	15·2	...	...	...	*15·2*	19·6	2	1	19·4	11·3	162
Dacca ..	Dacca	42,752	37,379	80,161	15	12	*27*	9·7	7·8	*17·5*	125	...	6	12	4	...	9	*31*	...	3·9	7·8	2·6	...	5·8	*20·1*	39·6	19	12	23·1	16·7	138
	Narainganj ...	7,605	4,956	12,561	4	8	*12*	16·6	33·1	*49·7*	50	...	...	3	1	..	5	*9*	...	...	12·4	4·1	...	20·7	*37·3*	12·4	5	4	34·2	42·0	81
Faridpur ...	Faridpur ...	5,663	4,600	10,263	1	1	*2*	5·0	5·0	*10·1*	100	...	..	6	...	...	...	*6*	...	..	30·4	...	...	...	*30·4*	20·3	2	4	18·4	45·2	40
Backergunge ...	Barisál	8,701	4,485	13,186	7	3	*10*	27·6	11·8	*39·4*	233	...	...	2	...	...	1	*3*	...	...	7·9	...	...	3·9	*11·8*	31·5	1	2	6·0	23·2	25
Mymensingh ...	Nasirabad ...	10,443	4,413	14,556	2	...	*2*	7·0	...	*7·0*	No female birth.	...	...	...	...	..	3	*3*	...	...	...	...	...	10·5	*10·5*	3·5	2	1	10·0	11·8	84
Chittagong ...	Chittagong ...	13,340	8,790	22,130	7	11	*18*	16·4	25·8	*42·3*	63	10	...	8	5	...	4	*27*	23·5	..	18·8	11·7	...	9·4	*63·4*	49·3	10	17	30·0	100·6	38
Noakhali ...	Sudharam ...	3,410	1,714	5,124	1	...	*1*	10·1	...	*10·1*	No female birth.	1	...	1	...	...	1	*3*	10·1	...	10·1	...	...	10·1	*30·4*	121·8	1	2	15·2	60·7	25
Tippera ...	Comillah	8,153	5,353	13,506	5	3	*8*	19·2	11·5	*30·8*	146	...	...	5	...	...	2	*7*	..	...	19·2	...	...	7·7	*26·9*	10·2	7	...	41·6	...	No female death.
Patna ...	Patna City ...	78,762	81,475	160,237	49	26	*75*	15·9	8·4	*24·3*	188	24	3	46	14	3	21	*111*	7·8	1·0	14·9	4·5	1·0	6·8	*36·0*	38·6	54	57	35·7	36·4	98
	Bihár	23,799	25,172	48,971	20	19	*39*	21·2	20·2	*41·4*	105	3	8	15	1	3	7	*37*	3·2	8·5	15·9	1·1	3·2	7·4	*39·3*	14·9	17	20	37·1	41·2	90
	Dinapore	25,424	26,801	52,225	8	8	*16*	7·9	7·9	*15·9*	100	9	...	8	2	...	2	*21*	8·9	..	7·9	2·0	..	2·0	*20·9*	26·9	8	13	16·4	25·2	65
Gaya ...	Gaya	38,290	37,831	76,121	10	15	*25*	6·8	10·2	*17·1*	66	3	5	40	12	2	9	*71*	2·0	3·4	27·3	8·2	1·4	6·1	*48·5*	53·3	43	28	58·4	38·5	151
Shahabad ...	Arrah	20,960	22,505	43,465	14	14	*28*	16·7	16·7	*33·5*	100	4	...	17	1	...	9	*31*	4·8	...	20·3	1·2	...	10·8	*37·1*	28·7	14	17	34·7	39·3	96
	Buxar	9,299	8,369	17,668	5	7	*12*	14·7	20·6	*35·3*	71	4	..	12	...	...	...	*16*	11·8	..	35·3	...	...	...	*47·1*	70·6	10	6	55·9	37·3	150
Muzaffarpur ...	Muzaffarpur ...	23,084	19,658	42,742	12	10	*22*	14·6	12·2	*26·8*	120	83	2	17	...	...	13	*115*	101·0	2·4	20·7	...	...	15·8	*139·9*	92·5	66	49	148·7	129·6	114
Darbhanga ...	Darbhanga ...	33,774	32,322	66,096	26	23	*49*	20·1	18·1	*38·5*	113	132	3	14	11	...	18	*181*	103·8	2·4	11·0	11·0	...	14·2	*142·4*	149·5	87	94	133·9	151·2	88
Saran ...	Chapra	25,116	26,554	51,670	8	15	*23*	8·9	15·1	*23·1*	53	...	...	10	1	1	11	*23*	...	...	10·0	1·0	1·0	11·1	*23·1*	34·2	11	12	22·8	23·5	97
Champaran ...	Motihari	6,328	3,979	10,307	2	2	*4*	10·1	10·1	*20·2*	100	4	...	7	4	2	...	*17*	20·2	...	35·3	20·2	10·1	...	*85·8*	35·3	8	9	65·7	117·6	56
Monghyr ...	Monghyr	28,154	29,366	57,520	13	14	*27*	11·8	12·6	*24·4*	92	8	1	14	7	...	8	*38*	7·2	·9	12·6	6·3	...	7·2	*34·4*	22·6	21	17	38·8	30·1	128
	Jamálpore ...	7,456	6,107	13,563	4	4	*8*	15·3	15·3	*30·7*	100	...	...	3	2	...	1	*6*	...	...	11·5	7·6	...	3·8	*23·0*	15·3	4	2	27·0	17·0	164
Bhágalpur ...	Bhagalpur ...	34,916	33,322	68,238	16	21	*37*	12·2	16·0	*28·2*	76	1	...	40	1	...	4	*46*	·8	...	30·5	·8	..	3·0	*35·1*	41·2	26	20	38·7	31·2	124
Purnea ...	Purnea	8,463	6,553	15,016	...	3	*3*	...	10·4	*10·4*	No female birth.	...	...	6	...	...	1	*7*	...	...	20·8	..	...	3·4	*24·2*	20·8	3	4	18·4	31·7	58
Malda ...	English Bazar ...	6,289	6,141	12,430	1	1	*2*	4·2	4·2	*8·4*	100	...	...	1	1	...	3	*5*	...	...	4·2	4·2	...	12·5	*20·9*	46·0	3	2	24·8	16·9	146
Sonthal Parganas.	Deoghur	4,964	3,041	8,005	1	1	*2*	6·5	6·5	*13·0*	100	...	...	4	1	...	1	*6*	..	...	26·0	6·5	...	6·5	*39·0*	32·5	5	1	52·4	17·1	306
Cuttack ...	Cuttack	22,632	20,607	43,239	6	11	*17*	7·2	13·2	*20·4*	54	...	...	2	2	...	7	*11*	...	...	2·4	2·4	...	8·4	*13·2*	19·2	7	4	16·1	10·1	159
Puri ...	Puri	13,247	11,537	24,784	3	5	*8*	6·3	10·5	*16·8*	60	3	...	7	3	...	5	*18*	6·3	...	14·7	6·3	.	10·5	*37·8*	37·8	13	5	51·0	22·5	226
Balasore ...	Balasore	10,282	9,983	20,265	11	7	*18*	28·2	17·0	*46·2*	157	10	...	4	...	...	4	*18*	25·7	...	10·2	...	...	10·2	*46·2*	51·3	11	7	55·6	36·5	152
Hazáribágh ...	Hazáribágh ...	7,639	7,667	15,306	6	8	*14*	20·4	27·2	*47·6*	77	3	1	6	1	1	1	*13*	10·2	3·4	20·4	3·4	3·4	3·4	*44·2*	30·6	10	3	65·1	20·3	335
Lohardaga ...	Ranchi	10,101	8,342	18,443	8	12	*20*	22·6	35·8	*56·4*	66	1	2	10	1	...	1	*15*	2·8	5·6	28·2	2·8	...	2·8	*43·3*	33·8	11	4	56·6	24·9	227
Singhbhum ...	Chaibassa	3,126	2,880	6,006	2	2	*4*	17·3	17·3	*34·6*	100	3	...	2	...	...	5	*10*	26·0	...	17·3	...	...	43·3	*86·6*	26·0	8	2	133·7	36·1	370
Manbhum ...	Purulia	5,060	4,244	9,304	5	2	*7*	27·0	11·2	*39·1*	230	...	...	1	1	...	...	*2*	...	...	5·6	5·6	...	...	*11·2*	27·9	1	1	10·3	12·3	83
	Total ...	897,450	812,770	1,710,220	392	383	*775*	11·9	11·6	*23·6*	102	451	32	484	110	19	193	*1,289*	13·7	1·0	14·7	3·3	·6	5·9	*39·2*	41·4	711	578	41·2	37·0	111

MORTALITY ACCORDING TO—

Class.

DISTRICTS.	NAMES OF MUNICIPALITIES.	13. DEATHS AMONG— Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	14. RATIO PER 1,000 OF POPULATION PER ANNUM. Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.
Burdwan ...	Burdwan	...	9	5	...	...	...	19·8	25·3	...	...
	Raniganj	...	9	...	...	...	...	52·4	...	...	...
Bankura ...	Bankura	...	6	...	...	...	...	19·0	...	...	...
Birbhum ...	Suri	...	4	...	...	...	...	35·6	...	...	...
Midnapore ...	Midnapore ...	...	38	13	...	...	...	76·2	93·6	...	...
Hooghly, including Serampore.	Hooghly and Chinsura.	...	20	2	...	...	...	41·1	16·9	...	...
	Serampore	1	16	2	...	...	163·0	33·0	110·9	...	...
	Utterpara	...	2	...	...	...	...	19·5	...	...	...
Howrah ...	Howrah	...	41	20	...	1	...	31·3	50·7	...	215·8
	Bally	...	6	1	...	...	...	23·3	39·7	...	...
24-Parganas	Cossipore-Chitpur	...	8	10	...	...	...	22·8	66·0	...	...
	Manicktola ...	...	14	3	...	...	...	43·5	13·6	...	...
	Baranagore ...	...	11	1	...	...	...	22·2	12·5	...	...
	South Suburban	...	12	11	...	...	...	19·7	29·4	...	...
Nadia ...	Krishnagar ...	...	8	3	...	...	...	22·8	18·8	...	...
	Ranaghat	...	9	...	...	...	...	64·0	...	...	...
	Santipur ...	...	4	5	...	...	...	10·0	29·1	...	...
Jessore ...	Jessore	...	1	3	...	...	...	11·5	40·8	...	...
Murshidabad.	Berhampore ...	1	5	...	...	...	221·3	14·3	...	...	...
	City Murshidabad	...	12	8	...	...	...	27·5	26·3	...	...
Khulna ...	Khulna	...	4	2	...	...	...	65·2	34·1	...	...
Dinajpur ...	Dinajpur	...	4	3	...	...	...	34·3	24·3	...	...
Rajshahi ...	Rampur Boalia ...	...	2	4	...	...	...	10·5	21·2	...	...
Rangpur ...	Rangpur	...	...	1	...	...	...	...	7·8	...	...
Bogra ...	Bogra	...	1	2	...	...	...	19·5	30·0	...	...

Age.

DISTRICTS.	NAMES OF MUNICIPALITIES.	15. DEATHS. Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	16. RATIO PER 1,000 OF POPULATION PER ANNUM. Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	4	1	1	...	2	...	2	2	1	1	315·2	23·0	22·3	...	33·3	...	15·1	23·5	21·2	35·1
	Raniganj	2	2	...	...	...	...	3	2	...	...	442·6	105·7	...	...	...	...	72·6	83·1	...	...
Bankura ...	Bankura	2	1	1	...	...	1	...	1	...	...	219·9	27·2	23·0	...	...	15·8	...	28·5	...	...
Birbhum ...	Suri	...	...	1	...	...	2	...	...	...	1	...	...	62·4	...	...	73·7	...	...	...	108·8
Midnapore ...	Midnapore ...	2	4	3	3	5	17	4	4	4	2	140·0	88·4	41·6	51·3	131·6	120·4	37·5	55·8	100·8	56·8
Hooghly, including Serampore.	Hooghly and Chinsura.	1	...	...	...	4	5	4	2	4	2	64·8	...	...	...	82·9	41·9	36·4	24·9	80·0	47·9
	Serampore	3	...	2	...	...	3	2	6	2	1	219·7	...	41·4	...	...	29·0	20·9	92·5	54·3	37·4
	Utterpara	1	...	...	...	...	1	...	...	...	...	323·0	...	...	...	...	45·2	...	...	...	...
Howrah ...	Howrah	5	5	3	2	2	10	13	7	11	4	126·0	46·9	24·8	15·8	14·2	22·9	35·1	31·0	104·2	55·5
	Bally	1	...	...	1	...	1	1	...	...	3	143·6	...	...	43·8	...	15·5	18·6	...	...	213·1
24-Parganas	Cossipore-Chitpur	1	2	1	1	...	3	2	4	...	4	108·8	117·9	66·3	20·6	...	16·4	16·2	83·1	...	444·4
	Manicktola ...	3	1	...	2	3	...	2	3	1	2	2,516·1	343·1	...	89·1	82·0	...	12·8	34·6	32·0	109·8
	Baranagore ...	5	...	1	...	...	2	...	1	...	3	384·1	...	20·9	...	...	16·2	...	12·6	...	93·1
	South Suburban	2	1	2	2	1	4	3	3	4	1	78·4	10·9	20·5	21·8	11·8	20·5	18·0	26·4	62·7	16·0
Nadia ...	Krishnagar ...	3	...	3	1	...	...	...	...	3	1	314·5	...	45·4	18·5	...	...	...	...	74·0	30·1
	Ranaghat	1	2	...	...	...	...	3	...	...	3	251·2	130·8	...	...	...	...	125·1	...	...	274·2
	Santipur ...	2	2	...	...	...	1	...	...	1	3	183·1	35·9	...	...	...	10·6	...	...	22·6	79·4
Jessore ...	Jessore	2	...	...	...	...	1	1	...	...	...	536·1	...	...	...	...	25·8	34·0	...	...	...
Murshidabad.	Berhampore ...	1	...	...	...	...	1	...	...	1	3	187·9	...	...	...	...	11·7	...	...	27·7	97·6
	City Murshidabad	2	2	2	1	3	3	2	4	...	1	136·3	42·2	30·2	18·0	60·2	21·3	14·3	35·5	...	16·8
Khulna ...	Khulna	2	1	...	...	...	1	...	1	1	...	518·9	65·2	...	...	...	48·5	...	79·8	150·0	...
Dinajpur ...	Dinajpur	...	1	...	1	1	...	2	1	...	1	...	60·2	...	52·0	51·2	...	42·0	33·2	...	81·4
Rajshahi ...	Rampur Boalia ...	1	2	...	...	...	1	...	1	1	...	128·1	73·3	...	...	...	12·5	...	21·2	41·9	...
Rangpur ...	Rangpur	...	1	...	...	...	...	...	...	...	...	...	56·1	...	...	...	...	...	...	...	...
Bogra ...	Bogra	...	...	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	76·6	...	331·2

Pabna ...	Pabna ...	...	5	9	...	...	...	36·4	57·7	...	...	3	2	...	...	1	...	2	1	3	2	392·9	71·3	...	...	48·3	...	41·7	30·5	184·3	104·5
	Sirajganj	...	5	8	...	...	...	30·3	33·9	...	...	3	1	...	2	...	2	...	1	2	3	289·4	21·8	...	54·0	...	23·3	...	23·2	83·8	89·3
Darjeeling ...	Darjeeling	...	1	...	3	...	...	11·3	...	94·4	...	2	...	...	...	1	1	...	...	...	...	859·5	...	...	...	81·3	26·0	...	...	...	...
Jalpaiguri ...	Jalpaiguri	...	1	2	...	...	...	12·2	28·5	...	...	1	...	...	...	...	1	...	...	...	1	353·7	...	...	...	...	28·7	...	...	...	165·1
Dacca ...	Dacca S.	...	15	16	...	...	...	19·4	21·2	...	...	10	2	6	3	2	2	3	...	1	2	274·0	14·1	31·4	19·6	14·2	6·8	13·4	...	11·0	18·7
	Narainganj	...	6	3	...	...	...	49·3	25·3	...	...	4	3	1	...	1	...	...	...	...	...	745·5	136·8	39·4	...	49·8	...	...	...	...	...
Faridpur ...	Faridpur	...	3	3	...	...	...	29·2	32·1	...	...	1	...	1	...	1	...	2	1	...	...	222·2	...	51·9	...	72·7	...	71·2	44·6	...	...
Backergunge...	Barisál ...	...	...	3	...	...	...	...	22·8	...	...	1	1	...	...	...	...	1	...	...	...	265·3	61·1	...	...	...	...	20·8	...	...	...
Mymensingh ...	Nasirabad	...	...	3	...	...	...	...	22·0	...	...	...	1	...	...	...	...	...	2	...	...	...	52·4	...	...	...	...	...	59·0	...	...
Chittagong ...	Chittagong	...	4	23	...	...	...	35·8	78·2	...	...	4	5	1	1	...	7	6	1	...	2	369·4	132·2	20·8	20·2	...	78·6	93·5	23·0	...	130·7
Noakhali ...	Sudharam	...	1	2	...	...	...	20·3	41·1	...	...	...	...	...	...	...	..	...	...	2	1	...	...	...	...	...	...	...	...	329·1	262·6
Tippera ...	Comilla ...	...	4	3	...	...	...	35·0	21·1	...	...	3	...	1	...	1	1	1	...	...	...	119·3	...	35·6	...	18·8	26·1	39·6	...	...	...
Patna ...	Patna City	...	89	22	...	...	...	38·9	28·1	...	...	21	13	16	6	7	9	9	11	5	14	253·4	46·3	49·4	31·7	32·6	16·2	20·1	30·4	18·4	52·7
	Bihár ...	...	39	8	...	...	...	44·8	27·2	...	...	6	12	1	3	...	3	3	5	1	3	210·1	107·8	8·6	32·5	...	18·4	23·2	50·5	14·4	43·4
	Dinapore ...	...	16	5	...	...	...	21·6	22·2	...	...	3	2	2	1	...	...	4	3	2	4	111·6	18·8	16·5	10·0	...	...	27·4	27·6	27·3	50·7
Gaya ...	Gaya ...	...	52	19	...	...	...	45·1	61·5	...	...	23	6	3	2	5	5	5	8	4	10	668·2	49·1	22·3	15·5	49·6	17·7	20·4	42·6	31·6	101·0
Shahabad ...	Arrah ...	...	27	4	...	...	...	45·3	16·8	...	...	8	5	1	...	1	2	3	4	3	4	323·0	58·7	10·1	...	16·5	13·2	24·2	44·4	50·4	72·1
	Buxar ...	...	16	...	...	...	...	59·8	...	...	...	2	2	1	...	...	1	2	2	...	6	250·6	60·4	25·3	...	...	16·3	34·2	49·0	...	288·4
Muzaffarpur ...	Muzaffarpur	1	80	34	...	...	233·2	138·5	141·7	...	...	8	22	12	7	4	17	18	11	8	8	435·6	283·1	138·7	92·0	68·6	103·0	134·2	114·2	128·1	170·9
Darbhanga ...	Darbhanga	...	144	37	...	...	...	122·4	109·5	...	...	12	41	14	15	6	26	23	12	16	16	400·8	280·1	93·1	140·4	77·6	101·5	107·2	83·8	189·7	260·5
Saran ...	Chapra ...	...	14	9	...	...	...	18·4	39·3	...	...	5	3	...	...	1	7	...	1	1	5	184·3	81·2	...	...	15·0	39·5	...	5·6	12·6	76·4
Champaran ...	Motihari ...	...	10	7	...	...	...	69·1	131·4	...	...	4	4	2	...	...	4	2	...	1	...	1518·2	211·8	94·1	...	...	103·1	70·2	*...	55·7	...
Monghyr ...	Monghyr ...	...	28	10	...	...	...	32·6	41·4	...	...	9	11	3	3	...	5	2	1	...	4	315·2	91·9	22·1	37·2	...	25·1	11·7	8·2	...	58·0
	Jamálpur	...	6	...	...	...	...	31·8	...	...	...	2	1	...	...	...	...	...	...	3	...	293·0	34·1	...	...	...	...	...	...	227·7	...
Bhágalpur ...	Bhágalpur	...	36	10	...	...	...	35·3	27·6	...	...	13	9	2	3	1	3	4	2	1	8	471·1	72·1	14·7	21·5	10·5	12·0	19·0	13·6	10·3	96·7
Purnea ...	Purnea ...	...	5	2	...	...	...	28·3	18·4	...	...	...	1	2	1	...	2	1	...	...	...	...	43·0	65·8	43·5	...	31·7	18·2	...	...	...
Malda ..	English Bazar	...	4	1	...	...	...	28·6	10·1	...	...	2	...	...	...	...	2	...	...	...	1	352·5	...	...	...	...	45·3	...	...	...	74·0
Sonthal Parganas.	Deoghur ...	...	5	1	...	...	...	33·7	175·1	...	...	2	2	...	...	1	1	...	...	...	...	800·0	181·9	...	...	80·2	27·6	...	...	...	...
Cuttack ...	Cuttack ...	...	10	1	...	...	...	15·5	6·7	...	...	4	...	...	...	...	1	...	2	2	2	202·7	...	...	...	...	6·0	...	22·9	33·7	35·3
Puri ...	Puri ...	...	18	...	...	...	...	38·2	...	...	...	3	...	...	2	1	1	3	1	3	4	514·9	...	...	55·4	28·0	9·8	38·5	15·6	69·9	115·2
Balasore ...	Balasore ...	...	16	2	...	...	...	49·4	33·9	...	...	2	1	2	...	3	6	1	...	2	1	196·6	27·9	40·7	...	91·2	76·5	17·8	...	81·2	44·9
Hazáribágh ...	Hazáribágh	...	7	6	...	..	...	33·1	75·7	...	...	4	4	...	...	...	1	1	1	...	2	427·1	114·2	...	...	...	20·0	24·4	31·9	...	124·3
Lohardaga ...	Ranchi ...	...	9	3	...	3	...	50·8	28·9	...	66·1	5	...	2	...	1	1	2	...	1	3	553·2	...	47·0	...	37·4	13·6	33·9	...	63·0	193·4
Singhbhum ...	Chaibassa ...	...	9	1	..	...	..	91·4	66·8	..	...	2	2	...	...	...	3	3	...	...	...	642·0	187·8	...	...	...	131·1	136·7	...	...	...
Manbhum ...	Purulia ...	...	1	1	...	...	...	6·7	41·7	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	62·7	...	...	56·9	...	...
	TOTAL ...	3	922	357	3	4	9·8	40·2	37·5	75·7	43·8	218	184	93	63	61	171	145	114	95	143	285·0	64·5	27·4	24·1	25·3	25·8	26·2	29·6	41·0	73·1

W. H. GREGG, *Dip. Publ. Health, Camb.*,
Sanitary Commissioner for Bengal.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 13th June 1892.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1892-93.

Areas leased for irrigation up to end of April 1892.

Circle.	District.	Canal.	Estimated full discharge.	Average discharge in month.	Discharge utilised.	Approximate area of land irrigated during the year up to the end of the month.	Approximate area of land under irrigation up to the same date last year.	Details of areas leased. Five years, all crops.	Five years, kharif.	Annual leases. Kharif.	Rabi.	Sugarcane.	Bhadoi.	Hot-weather.	Total.	Grand Total.	Rainfall, 1892-93. During month.	Up to end of month.	Rainfall, 1891-92. During month.	Up to end of month.	Remarks.
			C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	Inches.	Inches.	
Orissa	Cuttack	Taldunda, 1st reach	1,342	119	}	......	90	......	6,685	......	......	......	......	......	......	6,685	......	......	......	......	
		Ditto, 2nd „	566	100																	
		Machgong	776	9	9	65	46	......	24,171	......	......	......	......	......	......	24,171	......	......	......	......	
		Kendrapara	1,067	311	254	1,339	1,024	......	47,529	......	......	......	......	......	......	47,529	......	......	......	......	
		Gobri	372·82	39·90	31·45	52	52	......	3,236	......	......	......	......	......	......	3,236	......	......	......	......	
		Do. Extension	648	14·69	14·69	20	20	......	3,216	......	......	......	......	......	......	3,216	No rain gauge.		{ No gauge.		
		Pattamoondi	885	66·70	52 01	57	18	......	11,705	......	......	......	......	......	......	11,705	No rain gauge.				
		High Level, Range I	608	68	1	27	5	......	21,559	......	......	......	......	......	......	21,559	......	......	......	......	
		Ditto, ditto II	727·16	......	......	......	......	......	2,829	......	27	......	......	......	27	2,856	......	......	......	......	
		Jaipore Canal	700	......	......	......	......	......	447	......	......	......	......	......	......	447	......	......	......	......	
	Balasore	High Level, Range III	727·16	......	......	129	55	......	31,280	......	1	155	......	......	156	31,436	0·42	0·42	0·17	0·17	
		Total	......	......	......	1,689	1,310	......	152,157	......	28	155	......	......	183	152,340	......	......	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	......	158,449	......	......	139	......	......	139	158,588	......	......	......	......	
South-Western.	Midnapore	Midnapore	1,411	12	......	......	......	......	61,627	......	......	......	......	......	......	61,627	1·68	1·68	......	......	Five days discharging.
		Panchkoora	522	2	......	......	......	......	4,968	......	......	......	......	......	......	4,968	1·99	1·99	0·20	0·20	Four days discharging.
	Howrah	Tidal Reaches, Ranges I-II	......	......	......	......	......	......	177	......	......	......	......	......	......	177	......	......	......	......	
		Total	......	......	......	......	......	......	66,772	......	......	......	......	......	......	66,772	......	......	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	......	79,685	......	......	......	......	......	......	79,685	......	......	......	......	
Sone	Shahabad	Western Main	4,342	1,079	32	762	161	11,266	......	......	......	......	......	642	642	11,908	} Nil	Nil	......	......	
		Buxar	1,226	255	156	3,190	1,333	47,793	......	......	......	......	......	3,472	3,472	51,265					
		Arrah	2,000	633	580	17,902	15,458	88,119	......	......	......	......	......	6,941	6,941	95,060	Nil	Nil	......	......	
	Patna and Gaya.	Eastern Main	} 1,466	......	......	{	3	1,258	......	......	......	......	......	......	......	1,258	} Nil	Nil	......	......	
		Patna				......	255	41,770	......	......	......	......	......	......	......	41,770					
		Total	......	......	......	21,854	17,210	190,206	......	......	......	......	......	11,055	11,055	201,261	......	......	......	......	
		Total of the corresponding period of last year	......	......	......	......	......	170,085	......	......	......	1,044	......	8,080	9,124	179,209	......	......	......	......	
		Grand Total	......	......	......	23,543	18,520	190,206	218,929	......	28	155	...	11,055	11,238	420,373	......	......	......	......	
		Grand Total of the corresponding period of last year	......	......	......	......	......	170,085	238,134	......	......	1,183	......	8,080	9,263	417,482	......	......	......	......	

CALCUTTA,
The 14th June 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Abstract statement showing Tollage on Canals in Bengal classed as Major Works for the month of April 1892, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1892-93.		TOLLAGE, 1891-92.	
	During the month.	To end of the month.	During the month.	To end of the month.
Orissa Circle.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Taldanda Canal System	3,422 7 7	3,422 7 7	450 8 5	450 8 5
Kendrapara ditto	2,552 2 8	2,552 2 8	12,610 0 6	12,610 0 6
High Level, Range I	783 10 9	783 10 9	1,305 3 3	1,305 3 3
Ditto " II	170 4 3	170 4 3	311 2 3	311 2 3
Ditto " III	79 13 6	79 13 6	189 6 9	189 6 9
Jajpur Canal ...	11 2 0	11 2 0	41 13 1	41 13 1
Total Orissa Circle ...	7,019 8 9	7,019 8 9	14,908 2 3	14,908 2 3
South-Western Circle.				
Midnapore Canal	7,692 14 6	7,692 14 6	6,633 4 9	6,633 4 9
Hidgellee Tidal Canal ..	6,795 5 6	6,795 5 6	......	......
Total South-Western Circle... ...	14,488 4 0	14,488 4 0	6,633 4 9	6,633 4 9
Sone Circle.				
Patna Canal System ...	150 0 0	150 0 0	835 4 9	835 4 9
Arrah ditto ...	4,116 9 9	4,116 9 9	2,673 9 0	2,673 9 0
Buxar ditto ...	1,651 12 3	1,651 12 3	982 13 6	982 13 6
Total Sone Circle ...	5,918 6 0	5,918 6 0	4,491 11 3	4,491 11 3
GRAND TOTAL ...	27,426 2 9	27,426 2 9	26,033 2 3	26,033 2 3

Government Transport Service.

CANAL.	TOLLAGE, 1892-93.						TOLLAGE, 1891-92.					
	During the month.			To end of the month.			During the month.			To end of the month.		
	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.
Orissa Circle.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.	No.	Mds.	Rs. A. P.
High Level ...	497	655	543 5 0	497	655	543 5 0	1,564	1,820	1,602 8 1	1,564	1,820	1,602 8 1
Total Orissa Circle	497	655	543 5 0	407	655	543 5 0	1,564	1,820	1,602 8 1	1,564	1,820	1,602 8 1

Total Navigation Receipts.

CANALS.	EARNINGS, 1892-93.		EARNINGS, 1891-92.	
	During the month.	To end of the month.	During the month.	To end of the month.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Orissa Canals ...	7,562 13 9	7,562 13 9	16,510 10 4	16,510 10 4
Midnapore Canal ...	7,692 14 6	7,692 14 6	6,633 4 9	6,633 4 9
Hidgellee Tidal Canal ...	6,795 5 6	6,795 5 6	......	......
Sone Canals ...	5,918 6 0	5,918 6 0	4,491 11 3	4,491 11 3
Total ...	27,969 7 9	27,969 7 9	27,635 10 4	27,635 10 4

CALCUTTA,
The 14th June 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH, BENGAL.

Abstract Statement showing Tollage on Canals in Bengal classed as Minor Works and Navigation for the month of April 1892, as compared with that of the corresponding month of the previous year.

CANALS.	TOLLAGE, 1892-93.		TOLLAGE, 1891-92.	
	During the month.	To end of the month.	During the month.	To end of the month.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta and Eastern Canals ...	18,105 4 9	18,105 4 9	21,865 11 6	21,865 11 6
Tolly's Nullah ...	5,591 15 9	5,591 15 9	10,653 4 3	10,653 4 3
Total ...	23,697 4 6	23,697 4 6	32,518 15 9	32,518 15 9
Orissa Coast Canal ...	5,703 4 9	5,703 4 9	6,474 9 9	6,474 9 9
Nadia Rivers ..	5,925 6 6	5,925 6 6	8,994 11 6	8,994 11 6
GRAND TOTAL ...	35,325 15 9	35,325 15 9	47,988 5 0	47,988 5 0

CALCUTTA,
The 14th June 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 11th June 1892, as compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 11TH JUNE 1892.			WEEK ENDING SATURDAY, THE 13TH JUNE 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	203	99,600	1,682	315	66,225	1,024
Jute	11	6,110	59	9	4,700	91
Firewood	130	69,725	1,030	66	40,200	594
Other articles	727	2,29,030	3,406	1,008	2,67,700	4,210
Total ...	1,071	4,04,465	6,177	1,398	3,78,825	5,919

EAST INDIAN RAILWAY.

Statement of Goods Traffic in Staples carried during the four weeks ending 23rd April 1892, as compared with the same period of 1891.

Staples.	1891. Weight.	1891. Freight.	1892. Weight.	1892. Freight.	Increase. Weight.	Increase. Freight.	Decrease. Weight.	Decrease. Freight.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
Coke	1,78,312	28,394	2,41,557	28,323	63,245	......	......	71
Cotton, raw	44,893	37,626	56,426	40,878	11,533	3,252	......	......
Cotton twist and yarn—								
1.—European	5,465	5,968	8,087	8,364	2,622	2,396	......	......
2.—Indian	13,943	9,609	16,232	9,465	2,289	......	......	144
Cotton piece-goods—								
1.—European	2,08,490	2,48,977	1,69,659	1,98,802	......	......	38,831	50,175
2.—Indian	23,052	11,781	8,427	5,624	......	......	14,625	6,157
Drugs and chemicals—								
1.—Intoxicating other than opium	490	214	426	182	......	......	64	32
2.—Non-intoxicating	12,585	11,338	9,775	8,900	......	......	2,810	2,438
Dyes and tans—								
1.—Indigo	914	439	2,601	2,548	1,687	2,109	......	......
2.—Myrabolams	10,789	3,023	23,356	5,937	12,567	2,914	......	......
3.—Aniline dyes	508	385	152	179	......	......	356	206
4.—Cutch	2,565	825	2,014	883	......	58	551	......
5.—Paints and colours	12,414	4,351	15,266	3,792	2,852	......	......	559
6.—Others	9,312	4,654	4,232	1,857	......	......	5,080	2,797
Grains—								
1.—Wheat	7,10,066	2,05,318	10,25,272	3,27,776	3,15,206	1,22,458	......	......
2.—Rice	6,63,697	1,64,103	5,72,499	96,396	......	......	91,198	67,707
3.—Jawar and bajra	13,099	1,256	12,393	1,803	......	547	706	......
4.—Gram	84,582	15,972	1,19,073	30,476	34,691	14,504	......	......
5.—Indigo seed	19,940	5,435	23,199	7,136	3,259	1,701	......	......
6.—Seeds other than oil-seeds	40,347	20,178	36,924	15,149	......	......	3,423	5,029
7.—Others	1,01,495	15,294	2,80,258	66,562	1,78,758	51,268	......	......
Hides and skins—								
1.—Hides of cattle	42,071	26,589	33,091	22,592	......	......	9,580	3,997
2.—Skins of sheep, &c.	14,897	7,302	15,639	10,207	742	2,905	......	......
Horns	3,226	1,956	1,855	1,116	......	......	1,371	840
Jute—								
1.—Raw	30,705	10,263	16,519	5,435	......	......	14,186	4,828
2.—Gunny-bags and cloth	1,23,755	66,943	1,77,037	92,748	53,282	25,805	......	......
Lac—								
1.—Stick	22,315	5,913	9,913	3,474	......	......	12,402	2,439
2.—Shell lac	19,882	14,534	12,859	10,643	......	......	7,023	3,891
Leather—								
1.—Unmanufactured	2,242	1,904	1,278	2,306	......	402	964	......
2.—Manufactured	3,524	3,977	4,218	4,737	694	760	......	......
Liquors—								
1.—Beer	9,901	8,019	7,208	4,720	......	......	2,693	3,299
2.—Wines	2,542	4,541	2,488	4,370	......	......	54	171
3.—Spirits	2,126	2,452	2,043	2,779	......	327	83	......
Metals—								
1.—Copper, unwrought	6,574	7,662	5,447	7,164	......	......	1,127	498
2.—Brass, unwrought	4,793	3,302	4,337	2,916	......	......	456	386
3.—Brass and copper, wrought	14,642	6,358	13,640	6,600	......	242	1,002	......
4.—Iron	1,78,512	1,08,689	1,48,793	73,856	......	......	29,719	34,833
5.—Tin	4,472	4,692	3,109	2,577	......	......	1,363	2,115
6.—Others	15,363	11,459	11,278	8,371	......	......	4,085	3,088
Oils—								
1.—Castor	2,148	534	4,075	1,364	1,927	830	......	......
2.—Kerosine	53,839	27,454	51,218	21,421	......	......	2,621	6,033
3.—Others	12,353	5,034	8,514	3,946	......	......	3,839	1,088
Oil-seeds—								
1.—Linseed	6,95,639	2,29,415	9,74,945	3,47,455	2,79,306	1,18,040	......	......
2.—Rape and mustard	2,83,107	69,814	5,11,481	1,50,182	2,28,374	80,368	......	......
3.—Til or jinjili	43,149	8,291	14,279	1,450	......	......	28,870	3,841
4.—Castor	77,773	9,814	1,37,120	43,802	59,347	33,988	......	......
5.—Poppy	23,467	7,965	54,328	16,616	30,861	8,651	......	......
6.—Others	9,379	1,849	7,675	1,527	......	......	1,704	322
Opium	23,496	10,325	15,619	4,359	......	......	7,877	5,966
Paper and paste board	9,893	5,190	8,442	5,305	......	115	1,451	......
Provisions—								
1.—Ghee	29,224	27,107	27,865	20,492	......	......	1,359	6,615
2.—Dried fruits and nuts	37,193	30,762	21,923	18,125	......	......	15,270	12,637
3.—Cocoanuts	8,067	4,792	5,610	2,241	......	......	2,457	2,551
4.—Turmeric	22,626	21,300	16,228	8,775	......	......	6,397	12,525
5.—Others	58,692	19,140	53,676	21,458	......	2,318	5,016	......
Salt	5,39,911	1,16,421	5,46,547	1,02,978	6,636	......	......	13,443
Saltpetre, &c.—								
1.—Saltpetre	68,943	30,626	82,055	34,432	13,112	3,806	......	......
2.—Borax	1,011	574	3,949	3,106	2,938	2,532	......	......
3.—Other saline substances	23,422	7,282	36,148	10,970	12,726	3,688	......	......
Silk, raw—								
1. Foreign	6	11	3	11	......	......	3	......
2. Indian	1,282	867	1,320	784	38	......	......	83
Silk piece-goods—								
1.—Foreign	78	317	5	6	......	......	73	311
2.—Indian	414	637	305	514	......	......	109	123
Spices—								
1.—Pepper	3,894	2,481	4,983	4,550	1,089	2,069	......	......
2.—Other	28,007	15,649	26,506	14,492	......	......	1,501	1,157
Sugar—								
1.—Drained	80,330	26,429	34,168	14,015	......	......	46,162	12,414
2.—Undrained	3,95,331	82,778	5,52,267	94,616	1,56,936	11,838	......	......
Stone and lime	2,97,029	38,747	3,28,190	36,179	31,161	......	......	2,568
Tea—								
1.—Foreign	18	31	......	......	......	......	18	31
2.—Indian	621	387	410	432	......	45	202	......
Timber, &c.—								
1.—Timber	69,751	12,936	1,51,039	23,981	81,288	11,045	......	......
2.—Firewood	49,946	3,263	34,234	3,895	......	632	15,712	......
Tobacco	82,889	35,783	1,11,071	48,962	28,182	13,2[illegible]9	......	......
Umbrellas	2,476	2,920	2,707	4,272	321	1,352	......	......
Wool—								
1.—Raw	1,229	740	3,381	3,243	2,152	2,503	......	......
2.—Piece-goods—								
a.—European	579	909	391	482	......	......	188	427
b.—Indian	1,030	1,353	1,584	1,498	554	145	......	......
3.—Shawls	1	2	7	35	6	33	......	......
All other articles of merchandize	10,33,950	2,23,114	4,68,837	1,97,979	......	......	5,65,113	25,165
Total	67,31,093	21,74,748	74,01,779	24,00,633	6,70,687	2,25,885	......	......
Military stores	21,418	34,298	19,472	28,216	......	......	1,946	6,082
Coal—								
1.—For public	35,16,707	6,04,011	35,14,701	5,15,779	......	......	2,006	88,232
2.— „ Railway	4,40,698	35,273	4,89,422	56,857	48,724	21,584	......	......
Railway Materials—								
1.—For construction and revenue	6,51,407	29,038	9,28,810	46,822	2,77,403	17,784	......	......
Live-stock	......	15,287	......	6,908	......	......	......	8,379
Total	1,13,61,322	28,92,655	1,23,54,184	30,55,215	9,92,862	1,62,560	......	......

T. SIMPSON, *Offg. Assistant Auditor.*

TRAFFIC AUDIT OFFICE, GOODS DIVISION, JAMALPUR, *the 7th June* 1892.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 4th June 1892, on 1,558¾ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	288,523	2,73,016 6 0	32,17,102 0	8,13,245 1 0	20,409 0 0	11,06,670 7 0	71,380½	127,668½	199,061
Or per mile of railway ...	......	175 2 11	....	521 13 0	13 1 6	710 1 5	......	......	......
For previous 21 1/7 weeks of half-year ...	6,111,612	66,15,148 12 0	6,34,68,772 10	1,55,16,724 15 8	3,97,230 5 9	2,25,29,104 1 5	1,611,586	2,544,740	4,156,3[illegible]
Total for 22 1/7 weeks ...	6,400,135	68,88,165 2 0	6,67,15,874 10	1,63,29,970 0 8	4,17,639 5 9	2,36,35,774 8 5	1,682,966½	2,672,428½	4,355,39[illegible]
Comparison.									
Total for corresponding week of previous year ...	273,975	2,62,118 4 11	30,70,721 20	7,33,852 6 3	18,872 0 9	10,14,842 11 11	72,838	121,643	194,48[illegible]
Per mile of railway corresponding week of previous year ...	......	171 13 2	......	481 0 11	12 5 11	665 4 0	......	......	......
Total for corresponding 22 1/7 weeks of previous year ...	6,372,422½	72,92,563 5 7	6,38,01,661 0	1,53,90,340 14 5	4,78,464 15 5	2,31,61,369 3 5	1,671,477	2,394,234	4,065,71[illegible]

PATNA-GAYA STATE RAILWAY.

Approximate Return of Traffic for week ended 4th June 1892, on 57½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	12,574	5,386 3 0	44,737 30	3,274 0 0	52 0 0	8,712 3 0	1,608	1,277	2,885
Or per mile of railway ...	220	94 2 7	782 10	57 3 10	0 14 7	152 5 0	......	......	......
For previous 21 1/7 weeks of half-year ...	318,608	1,63,791 9 0	13,99,341 20	82,925 10 0	1,049 9 3	2,47,766 12 3	35,899	20,354	56,253
Total for 22 1/7 weeks ...	331,182	1,69,177 12 0	14,44,079 10	86,199 10 0	1,101 9 3	2,56,478 15 3	37,507	21,631	59,138
Comparison.									
Total for corresponding week of previous year ...	12,011½	5,185 2 7	47,378 20	3,027 12 0	31 1 3	8,243 15 10	1,127	640	1,767
Per mile of railway corresponding week of previous year ...	210	90 10 5	828 20	52 14 11	0 8 8	144 2 0	......	......	......
Total for corresponding 22 1/7 weeks of previous year ...	386,778½	2,13,809 12 2	11,41,041 0	78,587 14 0	1,241 8 9	2,93,729 2 11	35,932	18,302	54,294

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 4th June 1892, on 22¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	21,247	5,518 3 0	9,393 20	407 15 0	14 0 0	5,940 2 0	868	152	1,020
Or per mile of railway ...	......	248 0 2	......	18 5 4	0 10 1	266 15 7	......	......	......
For previous 21 1/7 weeks of half-year ...	483,551	1,25,601 1 0	3,60,244 20	12,845 7 9	229 0 9	1,38,675 9 6	18,976	2,277	21,253
Total for 22 1/7 weeks ...	504,798	1,31,119 4 0	3,69,638 0	13,253 6 9	243 0 9	1,44,615 11 6	19,844	2,429	22,273
Comparison.									
Total for corresponding week of previous year ...	19,086	4,808 4 10	6,615 20	251 6 0	11 4 0	5,070 14 10	901	67	968
Per mile of railway corresponding week of previous year ...	......	216 1 8	......	11 4 9	0 8 1	227 14 6	......	......	......
Total for corresponding 22 1/7 weeks of previous year ...	562,942	1,47,922 2 3	3,06,981 10	10,593 13 0	235 14 3	1,58,751 13 6	20,724	2,312	23,036

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 4th June 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	16,325	10,337 3 0	43,197 20	7,353 12 0	84 0 0	17,774 15 0	6,459	1,748½	8,207½
Or per mile of railway	......	63 12 11	......	45 6 4	0 8 4	109 11 7	......	......	......
For previous 21¾ weeks of half-year	350,890	2,63,395 6 0	9,70,867 10	1,78,385 0 0	1,562 15 9	4,43,343 5 9	131,721	45,382	177,103
Total for 22¾ weeks ...	367,215	2,73,732 9 0	10,14,064 30	1,85,738 12 0	1,646 15 9	4,61,118 4 9	138,180	47,130½	185,310½
Comparison.									
Total for corresponding week of previous year	14,441½	10,806 13 8	41,065 0	5,018 0 0	42 12 9	15,867 10 5	6,830	1,709	8,539
Per mile of railway corresponding week of previous year ...	......	66 11 4	......	30 15 7	0 4 3	97 15 2	......	......	......
Total from 1st March to corresponding period 14 weeks of previous year	225,845	1,88,481 4 6	5,05,422 0	1,05,589 5 3	704 2 6	2,94,864 12 3	93,490	22,920	116,410

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Bihár Sections.)

Approximate Return of Traffic for week ended 4th June 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	203,364	a 87,100 0 0	4,29,390 0	84,660 0 0	11,030 0 0	1,82,790 0 0	27,974	26,657	54,631
Or per mile of railway	262	112 0 0	553 0	109 0 0	†3 0 0	224 0 0	......	......	......
For previous 21 weeks of half-year*	3,562,783	17,42,036 0 0	1,25,09,675 0	16,96,074 0 0	3,02,233 0 0	37,40,343 0 0	580,006	612,714	1,192,720
Total for 22 weeks ...	3,766,147	18,29,136 0 0	1,29,39,065 0	17,80,734 0 0	3,13,263 0 0	30,23,133 0 0	607,980	639,371	1,247,351
Comparison.									
Total for corresponding week of previous year	197,220	76,052 0 0	6,51,792 0	1,03,351 0 0	10,051 0 0	1,89,454 0 0	26,500	30,161	56,661
Per mile of railway corresponding period of previous year ...	254	98 0 0	839 0	133 0 0	†3 0 0	234 0 0	......	......	......
Total to corresponding date of previous year	4,104,882	22,86,778 0 0	1,54,75,421 0	27,48,856 0 0	5,26,143 0 0	55,61,776 0 0	602,382	828,830	1,431,212

a Due to Dashohara bathing festival.
* Audited up to week ending 23rd April 1892.
† Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 4th June 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	38,625	a 14,990 0 0	42,070 0	2,910 0 0	30 0 0	17,930 0 0	3,475	2,197	5,672
Or per mile of railway ...	309	120 0 0	337 0	23 0 0	......	143 0 0	......	......	......
For previous 21 weeks of half-year*	629,719	2,24,862 0 0	12,38,247 0	77,882 0 0	2,015 0 0	3,04,759 0 0	78,180	42,750	120,930
Total for 22 weeks ...	668,344	2,39,852 0 0	12,80,317 0	80,792 0 0	2,045 0 0	3,22,689 0 0	81,655	44,947	126,602
Comparison.									
Total for corresponding week of previous year	28,195	9,516 0 0	61,458 0	3,103 0 0	134 0 0	12,843 0 0	3,225	2,483	5,708
Per mile of railway corresponding week of previous year ...	226	76 0 0	492 0	25 0 0	1 0 0	102 0 0	......	......	......
Total to corresponding date of previous year	682,487	2,88,964 0 0	15,61,346 0	93,392 0 0	1,500 0 0	3,83,946 0 0	79,318	50,143	129,461

* Audited up to week ending 23rd April 1892.
a Due to Dushohara bathing festival.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 4th June 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	16,861	5,060 0 0	7,797 0	850 0 0	130 0 0	6,040 0 0	2,500	724	3,224
Or per mile of railway	196	59 0 0	91 0	10 0 0	1 0 0	70 0 0	......	......	......
For previous 21 weeks of half-year*	356,589	1,14,916 0 0	2,76,368 0	21,350 0 0	3,203 0 0	1,39,469 0 0	53,239	15,345	68,584
Total for 22 weeks ...	373,453	1,19,976 0 0	2,84,165 0	22,200 0 0	3,333 0 0	1,45,509 0 0	55,739	16,069	71,808
Comparison.									
Total for corresponding week of previous year	15,606	4,917 0 0	8,598 0	985 0 0	205 0 0	6,107 0 0	2,415	689	3,104
Per mile of railway corresponding period of previous year ...	181	57 0 0	100 0	12 0 0	2 0 0	71 0 0	......	......	......
Total to corresponding date of previous year	408,284	1,40,088 0 0	6,37,607 0	55,363 0 0	4,256 0 0	1,99,707 0 0	55,944	24,552	80,496

* Audited up to week ending 23rd April 1892.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhut State Railway.)

Approximate Return of Traffic for the week ending 28th May 1892, on 755 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Coaching.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 755 miles open	81,630	37,850	4,83,650	70,010	14,730	1,22,590	11,305	25,932	37,237
Or per mile of railway	108·12	50·13	640·60	92·73	19·51	162·37	......	......	......
For previous 20¾ weeks of half-year	1,930,226	8,47,941	85,20,190	12,13,678	2,53,734	23,15,353	245,672	408,357	654,029
Total for 21¾ weeks ...	2,011,856	8,85,791	90,03,840	12,83,688	2,68,464	24,37,943	256,977	434,289	691,266
Comparison.									
Total for corresponding week of previous year on 712 miles open	107,967	42,830	398,527	51,814	11,930	1,06,574	11,543	21,752	33,295
Per mile of corresponding week of previous year	151·64	60·15	559·73	72·77	16·76	149·68	......	......	......
Total to corresponding date of previous year	2,112,087	8,96,360	91,04,608	12,86,270	2,13,480	23,96,110	237,276	429,005	666,281

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 28th May 1892	16,297	0	0
Corresponding period of 1891	11,796	0	0
Increase	4,501	0	0
Receipts per mile for week ending 28th May 1892	319	8	9
Corresponding period of 1891	231	4	10
Increase	88	3	11
Receipts from 1st January to 28th May 1892	2,43,398	0	0
Corresponding period of 1891	2,27,390	0	0
Increase	16,008	0	0

Printed and published by Edwin Morris Lewis at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 15th June 1892.

[REGISTERED No. 20.]

No. 25 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, JUNE 22, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

BIHÁR INDUSTRIAL SCHOOL.

GENERAL DEPARTMENT—EDUCATION.

Darjeeling, the 13*th June* 1892.

RESOLUTION No. 1696.

READ again—

The following papers on the subject of the reorganization of the Bihár Industrial School:—

(1). Letter to the Commissioner of the Patna Division, No. 14T.—G., dated the 2nd November, 1891.

(2). Letter from the Commissioner of the Patna Division, No. 157Ct., dated the 21st February, 1892.

(3). Letter to the Commissioner of the Patna Division, No. 675, dated the 12th March, 1892.

Read also—

Letter from the Commissioner of Patna, No. 306G., dated the 19th April, 1892, and its enclosures.

To commemorate the visit of His Royal Highness the Princp of Wales to Bankipore, a fund was raised by subscriptions for the purpose of founding an Industrial School at that station. A school was accordingly opened in March, 1879, but was closed after a short period. The attention of the Lieutenant-Governor was attracted during his visit to Bankipore, in November, 1891, to the existence of the Bihár Industrial School Committee and of the fund for which they are Trustees for the promotion of technical education. So far as His Honour was able to gather, there appeared to be some uncertainty as to the

measures which should be adopted for this purpose, and a difficulty in determining a scheme of operations. But Sir Charles Elliott considered it undesirable that no definite action should be taken when there was a large sum of money available. The Commissioner was therefore requested to submit a workable scheme for the establishment of a Bihár Industrial School, after consulting the Director of Public Instruction and the Principal of the Sibpur College.

2. Accordingly, a scheme has been prepared by Mr. J. S. Slater, Principal of the Sibpur College, which, with some slight modifications, has been accepted by the Committee and laid before the Lieutenant-Governor. The main feature of the scheme is the division of the proposed school into two distinct departments. The higher or Apprentice department is intended to aim at training lads to qualify for admission to the 3rd-year class of the Sibpur College, Apprentice Department, where, during a residence of three years, they would be trained to become Foremen Mechanics and Upper Subordinates. The instruction in this Department will be in English. The lower or Artisan department is meant to turn out skilled workers in wood and metals, with an elementary knowledge of drawing and estimating. The medium of instruction will be the vernacular. Training will be provided for 72 apprentices and 36 artisans. The object of both departments will be to qualify boys for further training at the Sibpur College.

3. The scheme has not yet been completed in every detail, but the following proposals, which have been made for the regulation of the two departments and are approved by the Lieutenant-Governor, will show its general scope:—

A.—Apprentice Department:—

Apprentice Department.

(1) The qualification for admission is to be a certificate from the headmaster of a zillah school under public management, stating that the candidate has been promoted at least to the second class in the school.

(2) Twenty-four boys, or two from each district in Bihár, using the word in its widest sense, will be admitted annually. They must be under sixteen years of age. A certificate of good conduct will be required, and all candidates must be passed by a Civil Surgeon as physically fit for work in the shops. The instruction will, at least for the present, be free, and District Boards will be invited to provide scholarships of (say) Rs. 5 per mensem for their nominees.

(3) The course of study will be as follows:—

	1st year.	2nd year.	3rd year.
Mathematics ...	Arithmetic, Algebra, Euclid	Algebra, Euclid, Mensuration.	Mensuration, Trigonometry.
Drawing ...	Printing, scales, elementary geometrical drawing.	Orthographic projection ...	Plan drawing.
Engineering ...	Nil.	Building materials ...	Building materials, estimating.
Surveying ...	Nil.	Chain and compass surveying.	Levelling.
Workshops ...	Carpenters' shop	Blacksmiths' shop ...	Fitters' shop.

(4) After a three years' approved course at Bankipore, in July of each year, those apprentices who wish to continue their course will be allowed to go to the Sibpur College to be examined. The examination at Sibpur is to be both theoretical and practical; those who pass may be admitted to the 3rd-year class of the Sibpur College, Apprentice Department, and become members of that institution.

(5) A certain number of scholarships of Rs. 10 a month, tenable for three years, subject to the usual conditions of progress and good behaviour, will be awarded to the best students on their entering the Sibpur College; half the cost of these scholarships will be borne by the Bihár Industrial School Fund, and the District Boards of the districts to which the students belong will be moved to bear the other half of the cost.

B.—Artisan Department:—

(1) The lower primary standard will be required as a qualification for admission to this Department.

(2) Twelve boys will be admitted annually. They must be between the ages of 12 and 16, and of good physique.

(3) The course in this department will consist of three years' practical work, supplemented by elementary instruction in laying out work to full size, and learning the elements of drawing and mensuration. It will be optional for boys to adhere to one trade for the three years, or to adopt the course qualifying for Sibpur. At the end of the three years, those who elect the latter will be at liberty to apply for permission to go to the Sibpur College.

(4) Stipends at the rate of Rs. 3 per mensem will be given to the boys of this department while at Bankipore, and some at least of those who are admitted to the Sibpur College will receive stipends at the rate of Rs. 7 per mensem.

4. In regard to the finance of the scheme, it is proposed that a suitable building should be erected near the site of the present Survey School at an estimated cost of about Rs. 13,200, and that the school should, if possible, be opened in July this year, so that in future years July would be the beginning of the school year, and candidates would go up to Sibpur for examination in that month.

The capital expenditure and working expenses of the school have been estimated as follows, provision being made for 36 boys in each shop (24 apprentices and 12 artisans).

CAPITAL EXPENDITURE.

FIRST YEAR.

Carpenters' Shop.

	Rs.
Tools for 36 boys at Rs. 70 each ...	2,520
Nine carpenters' tables at Rs 50 each ...	450
Two joiners' cramps at Rs. 14 each	28
Two glue-pots at Re. 1-8 each	3
Two grindstones	24
Two wood-turning lathes, with tools	480
Total ...	3,505

Blacksmiths' Shop.

	Rs.
Tools for 36 boys at Rs 30 each ...	1,080
Eighteen anvils at Rs. 50 each... ...	900
Eighteen forges at Rs. 200 each	3,600
Two swage blocks	100
Total ..	5,680
Add ...	13,200 for building
Grand Total ...	22,385

SECOND YEAR.

Fitters' Shop

Tools for 36 boys at Rs. 40 each ...	1,440
Thirty-six vices at Rs. 45 each	1,620
Six fitters' tables at Rs. 50 each...	300
Face plates	168
Total ...	3,528

THIRD YEAR.

No capital expenditure will be incurred, the three proposed shops being fully equipped.

WORKING EXPENSES.

FIRST YEAR.

	Rs.
Head-master at Rs. 80 a month	960
Survey teacher at Rs. 50 a month	600
Two carpenter instructors at Rs. 25 and Rs. 15 ...	480
Materials for 36 boys at Rs. 30 a year	1,080
Petty establishment and miscellaneous expenses ...	500
Stipends to 12 artisans at Rs. 3 a month each ...	432
Total ...	4,052

SECOND YEAR.

As in first year	4,052
One instructor in smiths' shop at Rs. 30 a month ...	360
Eighteen forges at Rs. 20 a forge	360
Materials for 36 boys at Rs. 30 a year	1,080
Stipends to 12 artisans	432
Total ...	6,284

THIRD YEAR.

As in second year	6,284
One instructor in fitters' shop at Rs. 30 a month ...	360
Materials for 36 boys at Rs. 30 a year	1,080
Miscellaneous	500
Stipends to 12 artisans	432
Total ...	8,656

During the fourth, fifth, and sixth years, the working expenses will be increased by the amount of the scholarships awarded to those apprentices, and stipends allowed to those artisans, who may in either case find admittance at the Sibpur College.

5. It is estimated that the capital of Rs. 2,54,385, which is now at the disposal of the Committee, will, after allowing for the interest to be credited and for the capital and working expenses to be incurred, be reduced to Rs. 2,37,578 at the beginning of the fourth year; the income should be Rs. 9,503 a year, and the expenditure Rs. 8,656, thus providing a surplus of Rs. 847 at Bankipore. During the fourth year there would be 24 apprentices and 12 artisans at the Sibpur College; during the fifth year, there would be 48 apprentices and 24 artisans, and in the sixth year the full number of 72 apprentices and 36 artisans would be reached. His Honour is of opinion that it will be sufficient if one-third of each of these sets of youths are allowed scholarships at Rs. 10 each, and stipends at Rs. 7 each respectively: thus the total cost on this account would be—

	Scholarships.		Stipends.		Total.
	Rs.	Rs.	Rs.	Rs.	Rs.
In the fourth year ...	8 × 10 × 12	=960	4 × 7 × 12	=336	1,296
In the fifth year ...	16 × 10 × 12	=1,920	8 × 7 × 12	=672	2,592
In the sixth year ...	24 × 10 × 12	=2,880	12 × 7 × 12	=1,008	3,888

If the District Boards are willing to contribute half the cost of the scholarships, the charge to Government would be reduced to—

Rs.	
816	in the fourth year.
1,632	in the fifth year.
2,448	in the sixth year.

With the Rs. 847 surplus available at Bankipore, the additional charge to be thrown on Government should in no case exceed Rs. 1,600 a year, a sum which His Honour would hope to find by readjustment of the budget of the Educational Department. But His Honour is sanguine that in a few years the success of the

new Industrial School would be assured, and that further endowments would be forthcoming to provide the necessary scholarships.

No credit has been taken in the above scheme for the value of the work done by the students. At first, this would be small, but, after a time, it would probably be sufficient to contribute materially to the cost of the maintenance of the institution.

6. The Lieutenant-Governor is pleased to record his general approval of the scheme of which an outline has been given above, and desires that a prospectus, drawn up on these lines, may be at once issued, and steps taken to have the school opened as soon as possible. A report should be submitted at an early date whether the Patna Survey School cannot be amalgamated with the Industrial School.

7. In order to ensure the success of the project, which His Honour regards as one calculated to do much good to the country, Sir Charles Elliott is pleased to appoint the following gentlemen, whose names will be gazetted, to be members of the Committee of the Bihár Industrial School:—

The Commissioner of the Patna Division, *ex-officio* President.
The Collector of Patna.
The Principal of the Patna College.
The Principal of the Sibpur College.
The Inspector of Schools, Bihár Circle.
The Inspector of Local Works, Patna Division.
} *Ex-officio.*
A. McD. Salmon, Esq., C.E., District Engineer, Patna.
G. W. Küchler, Esq., Professor, Patna College.
Nawab Syad Wilayat Ali Khan, C.I.E.
Maulvi Khuda Baksh Khan, Bahadur.
Babu Nobin Chunder Dey.
" Guru Parshad Sen.
Rai Jay Prokash Lal, Bahadur, C. I. E.
Syad Badshah Nawab.
Maulvi Fazl Imam Khan, Bahadur.
" Abdur Rauf, Shums-ul-Ulama.
Rai Ishri Prosad.
Rai Radha Kishan.

The Lieutenant-Governor will further empower each District Board sending boys with scholarships to the school to select for nomination to the Committee two members whose names will be duly published.

ORDER, ordered that a copy of the Resolution be forwarded to the Commissioner of the Patna Division and the Director of Public Instruction for information.

Ordered, also, that a copy of the Resolution be published in the *Calcutta Gazette.*

By order of the Lieutenant-Governor of Bengal,

C. E. BUCKLAND,
Secretary to the Government of Bengal.

RESOLUTION ON THE ANNUAL REPORT ON THE POLICE ADMINISTRATION OF THE TOWN OF CALCUTTA AND ITS SUBURBS FOR THE YEAR 1891.

POLICE.

Dated Darjeeling, the 17th June 1892.

READ—

The Annual Report on the Police Administration of the Town of Calcutta and its Suburbs for the year 1891.

Read also—

The Reports for the two preceding years, and the Resolutions recorded by Government thereon.

1. Mr. J. Lambert, C.I.E., was in charge of the Police of the Town of Calcutta and its Suburbs throughout the year as Commissioner of Police, and Mr. A. B. Barnard continued to hold the office of Deputy Commissioner, except for the period from the 17th August to 10th October, when he was on privilege leave, and Mr. E. C. Ryland acted for him.

2. *Reported cases.*—The total number of cases, cognizable and non-cognizable, reported during 1891 was 60,440, against 61,542 in 1890; of these, 48,569 were from the Town and 11,871 from the Suburbs. In the Town 27,182 cognizable cases were tried by the Magistrates, of which 24,808 ended in conviction in the Magistrate's Court and 30 at the High Court Sessions. In the Suburbs, of 8,113 cases tried, 7,717 ended in conviction, viz., 7,704 in the Magistrate's Court and 13 in the Sessions Court. This is a creditable outturn of Police work. Of cases under the Penal Code, there was an increase from 8,439 to 8,742 in cognizable offences, and from 6,142 to 7,022 in non-cognizable offences, while miscellaneous cognizable cases rose from 26,592 to 27,893. Miscellaneous non-cognizable cases, on the other hand, fell from 20,369 to 16,783. The increase in cognizable cases is due to prosecutions for public and local nuisances, street nuisances, and cruelty to animals. The figures of cognizable crime under the Indian Penal Code for the years 1889, 1890, and 1891 are 3,712, 3,327, and 3,289 respectively. In the Town there was a decrease of 35 cases, compared with the figures of 1890, in serious offences against person and property: a decrease of 87 in minor offences against property: an increase of 552 in other offences, chiefly cases of street obstruction (section 283, Indian Penal Code) and cases under the Hackney Carriage Act, and an increase of 960 in offences under special and local laws. Out of a total population of 466,450 in the Town proper, including the Fort, the Esplanade, and the Port of Calcutta, 10,763 persons were convicted of offences under the Penal Code during the year.

3. *False cases.*—Fifty-eight false cases were brought in the Town and 18 in the Suburbs, against 43 and 18, the corresponding figures for last year. Thirty prosecutions for bringing false complaints were instituted in the Town, and in 16 cases convictions were obtained. In four of these cases the offenders were sentenced to imprisonment, and in 12 they were fined. Besides these, compensation was granted in 20 other cases under section 552, Code of Criminal Procedure. In the Suburbs prosecutions were instituted in 13 cases, and in two cases the offenders were sentenced to imprisonment, and in two were fined. In no case in the Suburbs was compensation granted. The Lieutenant-Governor hopes that Magistrates will not overlook the power of granting compensation for vexatious prosecution conferred on them by the provisions of the new section 560 (1) of the Indian Penal Code.

4. *Property stolen and recovered.*—The value of property stolen in the Town and Suburbs during the year was Rs. 1,17,901, of which Rs. 68,445, or 58·05 per cent., was recovered. This percentage, in spite of a falling off in the Suburbs, due to one or two large undetected burglaries and thefts, is higher than in any preceding year. In the Town alone the percentage was 63·56, against 56·17 in 1890 and 49·02 in 1889.

5. *Cognizable offences. Town.*—Detailed information regarding the various crimes committed during the year is given in the body of the report, and the Lieutenant-Governor does not consider it necessary to reproduce here more than the most important facts noticed by Mr. Lambert.

In the Town there were seven unimportant cases connected with coins, in which eight persons were arrested and seven convicted, and one case connected with stamps, in which two stamp vendors were fined Rs. 500 each for selling used court-fee stamps. There was one case of murder by poison, in which five coolies of the Chamar caste were poisoned, of whom three died and two recovered. The poison used was aconite, and was administered by two other members of the caste, who were arrested and put on their trial. The evidence against them was not, however, altogether trustworthy, and the jury, under direction of the Judge, acquitted them. There were three other true cases of murder, and one false case, due to a false confession of murder made by a man of unsound mind. In two cases the accused were convicted; in the third the jury returned an inexplicable verdict of not guilty. There were three cases of culpable homicide not amounting to murder, in two of which the accused were convicted. In the third case the accused is still at large. There was one case of alleged rape, in which, however, there was no evidence of any more serious offence than indecent assault, and the accused was discharged. Twenty-five cases of grievous hurt occurred and two of administering stupefying drugs. In one of the latter cases the victim died, and the accused would probably have been convicted of murder but that no poison could be traced. Thirty-six cases of hurt by dangerous weapons were reported, and 22 cases of kidnapping, but only one case of theft of ornaments from a child. The Lieutenant-Governor is glad to notice that 451 children wearing ornaments, who were lost in the streets during the year in the Town and Suburbs, were restored to their parents with their ornaments intact. There were eight cases of causing death by a rash and negligent act, and five of robbery. The true cases of burglary and lurking house-trespass numbered 106, against 154 and 179 in the years 1890 and 1889, and the number of cases detected was 79, against 87 and 109 in the same two years. The number of thefts fell from 1,855 in 1889 and 1,549 in 1890 to 1,495 in 1891; of these, 815 cases were detected. There were 343 cases of breach of trust, including thefts by carters and boatmen; 530 persons were put on their trial for offences under the Gambling Act; and there were 2,849 cases and 2,534 convictions under the Hackney Carriage Act. The number of persons arrested for cruelty to animals was 6,833, and of these 6,521, or over 95 per cent., were convicted.

6. *Non-cognizable offences Town.*—The total number of offences under the Penal Code and under Special and Local Laws, respectively, was 5,357 and 14,829, against 4,454 and 17,461, the corresponding figures for 1890. These figures include one case of an offence against the State under sections 124A and 500, Indian Penal Code, three cases of forgery, nine of extortion, two important cases of cheating, and the celebrated case of criminal breach of trust known as the "Imperial Diamond Case." The first and last of these alone call for special remark. The case under sections 124A and 500, Indian Penal Code, was brought by Government against the *Bangabasi* newspaper for publishing defamatory and seditious articles. The charge under section 500 was abandoned at the trial before the High Court, and in the end the special jury, by whom the case was tried, were unable to agree in their verdict. A new trial was ordered, but the accused having expressed contrition, a *nolle prosequi* was entered, and they were discharged. In the Imperial Diamond Case, Mr. A. M. Jacob, a well-known diamond merchant, was charged by His Highness the Nizam of Hyderabad with criminal breach of trust in respect of 23 lakhs of rupees. He was finally acquitted at the Sessions.

7. *Cognizable offences. Suburbs.*—There were altogether 8,237 cases, against 8,155 in 1890. There were seven cases of murder, two of attempted murder, and two of culpable homicide. The number of burglaries was 132, in 58 of which detection followed, and of thefts 403, of which 203 were detected. The most important case which occurred during the year was that known as the Shambazar riot case. In this case a rumour that the purchase of some land by a Hindu would result in the removal of a temporary building used as a mosque, led to an unprovoked attack on the police by certain Muhammadans of the Shambazar quarter. The police were armed only with batons. One police constable

was killed, and 18 members of the police force were so severely injured as to be incapacitated from duty, while 51 others received slight injuries; while of the rioters, one was fatally injured, and some 50 more wounded more or less severely. The results of the trial of the offenders were unsatisfactory in the extreme. The rioters were put on their trial in three batches. In the first trial, several of the prisoners were convicted. In the second, all were acquitted, the evidence as to identity being somewhat faulty. In the third case, in which the prisoners were almost exclusively men who were wounded in the *mêlée*, and sent direct from the spot to the hospital, and never lost sight of, and as to the guilt of the great majority of whom no unprejudiced person could entertain a doubt, the jury returned a verdict of acquittal, which the Judge, to the Lieutenant-Governor's great regret, accepted, not thinking it advisable to refer the case to the High Court. One result of the riot has been that the police have been armed with more efficient weapons, in case such an emergency should occur again.

8. *Non-cognizable offences. Suburbs.*—There were 3,619 cases, against 4,496 in 1890. There was one case of forgery and three cases of extortion, but no case that calls for special remark.

9. *Suicides and accidental deaths.*—There were 66 cases of suicide during the year, of which 48 occurred in the Town and 18 in the Suburbs; 24 of these suicides were by hanging, and 23 by opium-poisoning. The number of accidental deaths during the year was 308, against 301 in 1890: of these, 36 were those of persons run over by vehicles. Only two fatal cases occurred, in which there was evidence of negligence or rashness on the part of the driver. Ninety-nine persons were prosecuted for rash and furious driving, and 91 were convicted.

10. *European Vagrancy Act IX of* 1874.—Forty-one vagrants were admitted into the Government Workhouse during the year, and 5 were in the Workhouse at the close of 1890, making a total of 46. Of these, 25 were discharged on obtaining employment, seven were released under the first clause of section 16 of the Act, five absconded, two obtained permission to leave the Workhouse temporarily and failed to return, one was imprisoned, one absconded from the ship in which he was to have been deported, and four remained in the Workhouse at the close of the year. During 1890 no inmates of the Workhouse absconded, and the Lieutenant-Governor regrets to notice the falling off in this respect. The total expenditure incurred by Government in working the Act was Rs. 3,725. Sixty-nine seamen, who found refuge in the Alms House, were all shipped during the year.

11. *Fire-Brigade Act IV (B.C.) of* 1883.—The steam fire-engines of the Fire-Brigade were in attendance at 26 fires during the year, against 47 in 1890, and the manual engines kept at the out-stations rendered assistance at 23 other small fires. The only serious fire during the year was on the American ship *Kenilworth* in the Port; this fire was not got under for 4½ hours, and the loss was estimated at Rs. 1,70,000. There were no fires during the year in jute mills or presses. None of the fires was attended with loss of life.

12. *Constitution of the Police Force.*—The total strength of the force was 2,873, as shown on the margin. This is an increase of 13 over the numbers of last year, the increase being due to the entertainment of a Court Sub-Inspector and 12 special constables. The total cost of the force was Rs. 6,22,254, against Rs. 6,14,634 in 1890. The increase is principally due to the payment of heavy law charges from the police grant. The pay in the two lowest grades of officers having been found insufficient to attract educated and respectable men to the ranks in the hope of promotion, was raised during the year from Rs. 10 and Rs. 12 to Rs. 12 and Rs. 16 respectively.

Superintendents	8
Inspectors	50
Sub-Inspectors	7
European Sergeants and Constables	52
Darogas	11
Sergeants	78
Corporals	163
Special Constables ...	51
Constables	2,431
Mounted Police	22

13. *Adjournment of Police cases.*—The Lieutenant-Governor is glad to notice a further decrease in the number of adjourned cases. These fell from 422 in 1889 and 308 in 1890 to 289 in 1891, and of these, 226 cases were disposed of at the second hearing.

14. *Judicial work.*—Mr. A. P. Handley officiated as Chief Presidency Magistrate from the beginning of the year till the 22nd October, when he made

over charge to Mr. Marsden. Nawab Syud Ameer Hossein, C.I.E., was in charge of the Magistracy of the Northern Division throughout the year, except for one month when he was absent on privilege leave, and his place was taken by Maulvi Abdul Jubbar, Khan Bahadur.

The following table shows the work done in the Courts of the Chief Presidency Magistrate, the Magistrate of the Northern Division, and the Honorary Magistrates respectively :—

		Cases instituted.	Persons—		
			Brought to trial.	Acquitted or discharged.	Convicted or committed.
Court of the Chief Presidency Magistrate.	Cognizable offences	11,832	17,700	879	16,771
	Non-cognizable offences ...	1,997	1,695	859	829
	Total ...	13,829	19,395	1,738	17,600
Court of the Presidency Magistrate, Northern Division.	Cognizable offences	14,315	18,757	599	18,146
	Non-cognizable offences ...	3,245	1,584	718	860
	Total ...	17,560	20,341	1,317	19,006
Court of the Honorary Magistrates, Calcutta.	Cognizable offences	1,035	1,458	310	1,148
	Non-cognizable offences ...	14,944	8,756	4,213	4,536
	Total ...	15,979	10,214	4,523	5,684

This table includes, besides strictly criminal cases, miscellaneous cases connected with maintenance, with forfeiture of recognizance bonds, and with the possession of immoveable property, decided by the Magistrates under special sections of the Criminal Procedure Code. Of the statements attached to the Magistrates' reports, Crime Statement, Parts I and II, includes such miscellaneous cases, and also shows cases which are struck off owing to the non-appearance of the parties. The Annual Criminal Statement 2 excludes all these, but shows the result of cases committed to the Session, together with those of cases disposed of in the Magistrate's Court. Any inter-comparison between the two statements is therefore impossible.

The percentage of convictions and acquittals to the whole number of persons brought to trial in the three Courts in cognizable and non-cognizable cases, respectively, is as follows:—

	Cognizable offences.		Non-cognizable offences.	
	Acquittals.	Convictions.	Acquittals.	Convictions.
Court of Chief Presidency Magistrate ...	4·9	94·7	50·6	43·0
Ditto Magistrate, Northern Division ...	2·9	96·7	45·3	54·2
Ditto Honorary Magistrates ...	21·2	78·7	48·1	51·8

The Lieutenant-Governor has no desire to judge of the character of the work done merely by these proportions, but the figures would seem to show that more care is taken in sifting complaints in the Northern Division Court than in the others.

15. *Court of Chief Presidency Magistrate.*—In the Court of the Chief Presidency Magistrate, 13,829 cases, in which 19,395 persons were implicated, were instituted during the year. Of the accused persons, 1,738 were acquitted or discharged, 17,576 were convicted, 24 were committed for trial, and 51 were under trial at the end of the year.

The total number of persons charged under the Indian Penal Code was 7,110, of whom 6,182 were convicted. Under the Cruelty to Animals Act, 1,944 cases were instituted, and of the 3,912 persons concerned in them, 3,630 were convicted. Fifteen persons were brought up under the European Vagrancy Act, of whom 13 were sent to the Government Workhouse and two discharged. Only 170 persons were charged under the Merchant Shipping Act, against 386 in 1890; of these 152 were convicted, 14 discharged, and 4 were under trial at the end of the year. Of nine persons concerned in eight cases under the Excise Act, six were convicted and three discharged, and of five persons in three cases under

the Opium Act, three were convicted and two acquitted or discharged. Substantive sentences of imprisonment were passed on 419 persons, 77 were imprisoned in default of payment of fine, and 5 imprisoned in default of furnishing security for good behaviour. The number of prisoners sentenced to flogging was 33, but in no case did the sentence exceed 20 stripes. Three juvenile offenders were sent to the Reformatory School at Alipore. The total value of the fines imposed during the year was Rs. 30,591, of which Rs. 28,776 were realized. There were 46 appeals against the orders of the Chief Presidency Magistrate during the year, all of which were rejected. The High Court was moved to set aside orders of the Magistrate in five cases. In two of these the application was rejected, and in one the rule was discharged, one conviction was set aside, and one re-trial ordered.

16. *Northern Division Court.*—In this Court 17,560 cases were instituted during the year, against 15,056 in the year 1890, and the number of persons brought to trial was 20,341 as compared with 18,420. Of these, 1,317 were acquitted or discharged, 18,985 were convicted, and 21 committed to the High Court Sessions in 20 cases. Of the 21 persons committed to the Sessions, three were charged with murder, one with attempted murder, one with culpable homicide, five with burglary after previous convictions, ten with theft after previous convictions, and one with extortion. Eighteen of the prisoners committed were finally convicted, two were awaiting trial at the end of the year, and only one was discharged—an extremely satisfactory result. During the year 717 persons were sentenced to imprisonment and 24 to whipping. Eight juvenile offenders were sent to the Reformatory School at Alipore. The total value of fines imposed during the year was Rs. 33,902-8, out of which Rs. 32,672-8 were realized. Thirty-five persons were sent up during the year under the European Vagrancy Act, of whom 26 were sent to the Government Workhouse, and 9 were imprisoned for violating the Workhouse rules. There were 2,159 cases of cruelty to animals, against 1,596 in 1890. Of the 2,773 persons implicated in these cases, 2,754 were convicted and 19 discharged.

Twenty-two persons were charged in twenty cases with offences under the Excise laws, all of whom were convicted. Cases under the Opium Act fell from 45 in 1890 to 21 in 1891, and of 22 persons put on their trial in these cases, 18 were convicted and 4 acquitted or discharged. Out of 113 appealable sentences passed in this Court, 77 were appealed against, but in every case the appeal was rejected—an excellent record. The High Court was moved to set aside orders of the Court in 8 cases, in 4 of which the application was rejected, in 2 convictions were set aside, and in 2 a re-trial was ordered.

17. *Honorary Magistrates' Court.*—The Lieutenant-Governor is glad to notice that the Chief Presidency Magistrate speaks in high terms of the assistance rendered to him and to his colleague during the year by the Honorary Magistrates, and is able to report that these gentlemen have as a body taken great interest in the discharge of the duties entrusted to them by Government, and have of late shown an increasing desire to keep their files clear and avoid unnecessary adjournments. Mr. Handley, however, has to repeat the complaint made last year of absence without notice, or on insufficient notice, of Honorary Magistrates invited to attend the Bench. The number of attendances during 1891 was 1,038 to 1,538 invitations issued. Out of 91 Magistrates invited, 84 attended at least once. The report for last year does not show the number of times each Honorary Magistrate was invited to attend, and any comparison is therefore impossible. Two Courts presided over by a single Magistrate sat on alternate days—one for the trial of criminal and the other for the trial of municipal cases. Benches of three, or sometimes two, Magistrates sat three times a week for the disposal of criminal cases, and special Benches were convened as occasion required. Six hundred and eighty-eight cases were transferred to the Bench and 1,188 to Magistrates sitting singly. From the figures given in statement, Parts I and II, attached to the report, the result of these cases, excluding municipal cases, appears to have been as follows:—

	Cases instituted.	Persons— Brought to trial.	Convicted.	Discharged or acquitted.
Cognizable cases ...	1,035	1,458	1,148	310
Non-cognizable cases ...	844	1,389	459	924

Of the cognizable cases, the proportion of convictions was highest in the case of offences under the Hackney Carriage Act, of public and local nuisances, and of miscellaneous street offences, in which, out of 72, 346, and 328 persons put on their trial, 67, 316, and 322 respectively were convicted. Of 115 persons prosecuted under the Port Acts all were convicted, as were 137 out of 148 persons prosecuted for cruelty to animals. On the other hand, of 37 and 29 persons put on their trial for serious and minor offences against the person, 35 and 25 respectively were acquitted or discharged, while of 330 persons tried for minor offences against property, 188 were acquitted or discharged, and only 142 convicted. In the case of non-cognizable offences, excluding offences under the Calcutta Municipal Act II (B.C.) of 1888 (which is wrongly described in the Crime Statement, Part II, as the Conservancy Act IV (B.C.) of 1876), the number of acquittals largely exceeded that of convictions. This would appear to indicate that sufficient care is not taken in examining complaints preliminary to the issue of process, and that many persons are unnecessarily brought into Court, and the Lieutenant-Governor trusts that, if there has been any such want of care, it may be avoided in future. Of the offenders convicted by the Bench, 166 persons were sentenced to rigorous imprisonment, 7 to simple imprisonment, 13 were whipped, and 1,299 fined. The total amount of fines imposed was Rs. 4,809, of which Rs. 4,401 were realized. There were seven appeals against the decisions of the Honorary Magistrates: in four of these the applications were summarily rejected, and in three the appeals were dismissed after hearing. In eight cases the High Court was moved to set aside orders passed by the Honorary Magistrates: in two of these cases the convictions were quashed, in one a retrial was ordered, in three the applications were rejected, and in two the rule was discharged. The Lieutenant-Governor is pleased to notice that there were very few cases of adjournments during the year. Out of 934 police cases, adjournments were granted in 25 only, and in 21 of these there was only one adjournment. In all cases the Chief Presidency Magistrate reports that the adjournments were granted on reasonable grounds.

18. *Municipal cases.*—Except for 10 cases, in which 13 persons were concerned, all of whom were convicted, which were tried by the Magistrate of the Northern Division, cases under the Calcutta Municipal Act all fall upon the Honorary Magistrates. The following table gives the figures relating to these cases for the past two years:—

	Number of cases—		Number of persons—			
	Instituted.	In which process issued.	Against whom process issued.	Who actually appeared before the Court.	Acquitted or discharged.	Convicted.
1890	16,820	16,704	16,705	7,532	2,710	4,821
1891	14,100	14,006	14,006	7,367	3,289	4,077

The sections of the Act under which these cases are instituted are not shown in the report, and the Lieutenant-Governor desires that this information may be given in future years. From a report furnished by the Chairman of the Corporation, it appears that by far the greater number of these cases are license prosecutions. The reduction in the number of cases is explained to be due to the introduction of rules in the Municipal Office by which more warning than in former years is given to defaulters before prosecutions are instituted, but cases once instituted are not without good cause withdrawn on mere payment of the sum with regard to which default has been made. A large proportion of the acquittals is understood to be due to the discharge with a warning of defaulters in whose cases the Magistrates considered that the infliction of the minimum punishment allowed under the Act would be an unduly

severe punishment. During the year 6,733 cases were struck off or withdrawn. The fines levied in the cases amounted to Rs. 24,052, of which Rs. 18,958 were realized. The Chief Presidency Magistrate reports that the non-realization of the balance of Rs. 5,094 is almost entirely due to the inability of the police to trace defaulters, and suggests that this might be avoided if the municipal employés would render more assistance to the police in this particular.. The Lieutenant-Governor invites the attention of the Chairman to this remark.

19. The Lieutenant-Governor desires again to acknowledge the efficient administration of the Metropolitan Police Department by Mr. Lambert, and that of the Magistrates' Courts by Mr. Handley and Nawab Syud Ameer Hossein, C.I.E. The names of the subordinate officers commended by Mr. Lambert have been noted.

By order of the Lieutenant-Governor of Bengal,

H. J. S. COTTON,

Offg. Chief Secretary to the Govt. of Bengal.

DISTRICT ROAD FUND.

No. 3084R.C.

GOVERNMENT OF BENGAL—PUBLIC WORKS DEPARTMENT.

Road Cess.

Dated Calcutta, the 17th June 1892.

RESOLUTION.

READ—

Letter from the Accountant-General, Bengal, No. 261L.F., dated the 6th June 1892, submitting an abstract of receipts and expenditure of the several District Road Committees in Bengal, for the quarter ending 31st March 1892.

RESOLUTION.—The Lieutenant-Governor directs that the accounts of the receipts and expenditure of the several District Road Committees in Bengal for the 4th quarter of the year 1891-92 be published in the *Calcutta Gazette*, and circulated to the officers concerned.

ORDER.—Ordered that a copy of this Resolution, together with a copy of the abstract of receipts and expenditure, be published in the Supplement to the *Calcutta Gazette.*

Ordered also that a copy of this Resolution and of the abstract referred to, be forwarded to the Commissioners of the Rajshahi, Bhágalpur, Chittagong, and Chota Nagpur Divisions; to the Superintending Engineers of the Northern and Western Circles; to the Inspector of Works, Eastern Circle, and to the Financial Department of this Government, for information.

By order of the Lieutenant-Governor of Bengal,

W. B. GWYTHER,

Under-Secretary to the Govt. of Bengal.

DISTRICT

Statement of Receipts and Expenditure of the several District Road

RECE

Districts.	Balance in treasury on 1st January 1892.	Provincial Rates.				Interest on arrears of road cess.	Public Works.			Irrigation.	Miscel	
		Cess on lands.	Cess on mines, &c.	One per cent. road cess.	Total.		Road tolls.	Ferry tolls.	Total.	Canal tolls.	Rent of serais and staging-bungalows.	Fees, fines and forfeitures.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.	Rs. A. P.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.	Rs. A. P.
Cess Districts.												
Darjeeling	9,445 11 8	12,128 10 1	37 0 5	......	12,165 10 6	......	......	......	......	......	......	......
Hazáribágh ...	13,025 15 11	25,954 1 5	1,990 13 1	......	27,944 14 6	2 8 6	......	......	......	......	85 12 0	217 12 0
Lohardaga ...	22,467 15 0	25,918 4 7	...	......	25,918 4 7	50 8 1	......	......	......	......	90 0 0	564 11 3
Manbhum ...	5,193 0 2	12,156 6 10	1,026 4 0	......	13,182 10 10	62 9 3	......	......	......	......	359 5 6	......
Total ..	50,132 10 0	76,157 6 11	3,054 1 6	......	79,211 8 5	115 9 10	......	......	......	......	535 1 6	782 7 3
Non-cess Districts.												
Chittagong Hill Tracts	14,746 3 2	......	......	.....	......	......	......	......	......	......	......	......
Sonthal Parganas...	51,664 14 4	......	...	.....	.....	......	......	......	......	......	77 4 0	1 0 0
Singhbhum ...	5,074 8 3	2,465 1 6	19 10 6	......	2,484 12 0	......	......	......	......	......	5 0 0	50 0 0
Total ...	71,485 9 9	2,465 1 6	19 10 6	......	2,484 12 0	... ..	......	......	......	......	82 4 0	51 0 0
Grand Total ...	1,21,618 4 6	78,622 8 5	3,073 12 0	......	81,696 4 5	115 9 10	......	......	......	......	617 5 6	833 7 3

EXPEN

Districts.	Refunds.			Provincial Rates.	Administration.			Stationery.
	Cess.	Other receipts.	Total.	Establishment and contingencies of office of collection.	Establishment and contingencies of Committee's office.	Percentage cost of establishment for offices of account and control	Total.	Stationery and printing.
	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Cess Districts.								
Darjeeling ...	...	... ..	......	630 12 0	277 7 5	......	277 7 5	29 6 9
Hazáribágh ...	...	.. ...	......	2,083 6 5	302 10 10	......	302 10 10	72 15 0
Lohardaga ..	...	.....	.. ...	3,407 8 8	137 2 0	....	137 2 0	101 10 1
Manbhum ...	...	..	......	1,564 8 11	352 10 11	... ..	352 10 11	75 12 9
Total ...	...	... ..	......	7,696 4 0	1,069 15 2	......	1,069 15 2	279 13 7
Non-cess Districts.								
Chittagong Hill Tracts.	...	......	......	......	54 2 3	......	54 2 3	19 13 0
Sonthal Parganas...	...	......	......	......	260 7 0	......	260 7 0	62 1 6
Singhbhum ...	...	.. ...	... ..	596 12 8	148 15 9	......	148 15 9	1 15 3
Total ...	..	......	......	596 12 8	463 9 0	......	463 9 0	83 13 9
Grand Total ...	...	......	... ..	......	......	...	......	......

Districts.	Public				
	Original works.	Repairs.	Establishment.	Tools and plant.	Toll and ferry establishment and contingencies.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Cess Districts.					
Darjeeling ...	......	2,517 2 0	100 0 0	......	....
Hazáribágh ...	2,483 4 9	16,209 7 2	2,012 0 0	60 0 0	.....
Lohardaga ..	2,958 12 7	25,571 15 4	2,350 2 4	64 4 4	......
Manbhum ...	1,018 3 11	6,916 6 4	1,972 4 0	353 0 0	......
Total ...	6,460 5 3	51,274 14 10	6,443 6 4	477 4 4	......
Non-cess Districts.					
Chittagong Hill Tracts.	......	2,340 0 7	1,937 15 0	3 13 6	......
Sonthal Parganas...	10,261 13 5	9,936 0 3	2,015 1 11	43 4 9	......
Singhbhum ...	1,249 10 6	2,228 6 11	708 11 7	......	......
Total ...	11,511 7 11	14,524 7 9	4,661 12 6	46 2 3	......
Grand Total ...	......	......	......	......	......

Fort William,
The 23rd May 1892.

ROAD FUND.

Committees for the fourth quarter of the year 1891-92, *ending* 31*st March* 1892.

PTS.

[Miscel]laneous.		Grant from Government.	Suspense Account.			Total receipts.	Balance of imprest in hands of Engineers and others, decreased.	Balance of uncashed cheques, increased.	Total receipts, including balance.	Outlay.	Balance in treasury on 31st March 1892.
Miscellaneous.	Total.		Advance.	Deposit.	Total.						
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
......	.....	903 5 11	2,582 5 0	...	2,582 5 0	14,951 5 5	1,015 11 0	234 8 2	25,647 4 3	5,340 12 2	20,306 8 1
0 12 6	304 4 6	634 2 4	2,940 1 7	......	2,940 1 7	31,825 15 5	.....	5,046 3 2	49,898 2 6	25,907 4 7	[illegible],990 13 11
11 1 3	665 12 6	......	436 4 0	1,769 0 0	2,205 4 0	28,839 13 2	.....	14,735 1 4	66,042 13 6	36,470 2 3	29,572 11 3
8 7 0	367 12 6	250 0 0	498 14 2	...	498 14 2	16,359 14 9	......	.....	19,552 14 11	12,988 1 8	6,564 13 3
20 4 9	1,337 13 6	1,087 8 3	6,455 8 9	1,769 0 0	8,224 8 9	89,977 0 9	1,015 11 0	20,015 12 8	1,61,141 3 2	80,706 4 8	80,434 14 6
......	......	......	..	. .	.....	......	......	2,064 14 2	16,811 1 4	4,374 12 4	13,436 5 0
13,061 3 0	13,139 7 0	3,165 0 0	4,354 11 0	338 0 0	4,692 11 0	20,907 2 0	.....	4,055 6 6	76,717 6 10	33,688 13 1	43,028 9 9
283 0 7	337 0 7	......	550 0 0	120 0 0	670 0 0	3,491 12 7	.....	...	8,566 4 10	5,630 5 5	2,935 15 5
13,343 3 7	13,476 7 7	3,165 0 0	4,904 11 0	458 0 0	5,362 11 0	24,488 14 7	......	6,120 4 8	1,02,094 13 0	43,603 14 10	58,400 14 2
13,363 8 4	14,814 5 1	4,252 8 3	11,300 3 9	2,227 0 0	13,587 3 9	1,14,465 15 4	1,015 11 0	26,136 1 4	2,0[illegible],36 0 8	1,24,400 3 6	1,38,835 12 8

DITURE.

[W]orks.		Irrigation.	Miscellaneous.				Contribution to Provincial Government.	Suspense Account			Total expenditure.	Balance of imprest in hands of Engineers and others, increased.	Balance of uncashed cheques, decreased.	Total outlay.
	Total.	Canal toll establishment and contingencies.	Staging-bungalow establishment and contingencies.	Staging-bungalow petty construction and repairs.	Miscellaneous.	Total.		Advance.	Deposit.	Total.				
Rs.	Rs. A. P.	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
......	2,617 2 0	......	......	......	......	......	...	1,786 0 0	...	1,786 0 0	5,340 12 2	.....	......	5,340 12 2
......	20,894 11 11	......	42 0 0	289 15 4	.....	331 15 4	..	2,206 9 1	.....	2,206 9 1	25,832 4 7	75 0 0	......	25,907 4 7
......	30,054 2 7	......	90 8 0	806 10 11	89 0 0	995 2 11	...	681 8 0	193 0 0	874 8 0	30,470 2 3	......	... ..	30,470 2 3
......	10,259 14 3	......	......	56 6 4	......	56 6 4	...	675 0 0	......	675 0 0	12,984 5 2	3 12 6	......	12,988 1 8
......	64,655 14 9	......	141 8 0	1,153 0 7	89 0 0	1,383 8 7	...	5,349 1 1	193 0 0	5,542 1 1	80,627 8 2	78 12 6	......	80,706 4 8
......	4,300 13 1	......	......	......	......	... .	...	......	......	......	4,374 12 4	......	......	4,374 12 4
......	[illegible] 4 4	......	276 13 0	1,516 3 3	......	1,793 0 3	...	9,317 0 0	......	9,317 0 0	33,688 13 1	......	......	33,688 13 1
......	4,186 13 0	......	78 0 0	......	13 8 6	91 8 6	...	......	594 4 3	594 4 3	5,620 5 5	... ..	10 0 0	5,630 5 5
......	30,743 14 5	......	334 13 0	1,516 3 3	13 8 6	1,884 8 9	...	9,317 0 0	594 4 3	9,911 4 3	43,683 14 10	.. ...	10 0 0	43,693 14 10
......	......	...	......	..	......	.. ...	...	......	.....	......	......	......	......	. ....

R. B. HAMILTON,

Offg. Accountant-General, Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 18th June, 1892.

Division	No.	District and date of return.	Rainfall at Sadar Station in inches	Character of the weather and state and prospects of the crops.
BENGAL.				
BURDWAN DIVN.	1	Burdwan June 18, '92 Kalna ... Katwa ... Raniganj ...	1·92 1·54 0·42 4·17	Except in Raniganj, the rainfall has been rather scanty, but sufficient for the present. *Aus* sown in most places. *Aman* being sown. Prospects favourable. Price of rice still high. Common rice at— Srs. Burdwan ... ... 11 to 16 per rupee. Kalna ... ... 9 to 13 per rupee. Katwa ... ... 12½ per rupee. Raniganj ... ... 13 per rupee.
	2	Bankura „ 18, '92 Vishnupur ...	5·02 2·15	Weather—rainy till yesterday (17th), since cleared up. Sufficient rainfall during the week. Transplantation not yet commenced. Sugarcane and other standing crops doing well. Supply of fodder and water sufficient. Cattle-disease reported. Ordinary rice selling at 13½ seers per rupee at Sadar and 14 seers at Vishnupur.
	3	Birbhum „ 18, '92 Rampur Hât ...	4·96 1·32	Very heavy rain in Sadar subdivision. Sufficient rain in north. Ploughing and sowing going on briskly. Fodder and water plentiful. State of cattle normal. Common rice dearer: 12 to 14 seers per rupee.
	4	Midnapore „ 18, '92	3·01	Weather—much cooler owing to rain. Ploughing going on vigorously. Sugarcane doing well. Favourable reports are received about the indigo crop. Fodder is plentiful now. There is an abundant supply of water everywhere. Prices of common rice:— Srs. Sadar ... ... 13 per rupee. Contai ... ... 12 per rupee. Tamlúk ... ... 12 per rupee.
	5	Hooghly „ 18, '92 Serampore ... Jahánabad ...	1·03 2·01 2·43	Weather—cooler: cloudy with slight showers. Jahánabad is more advanced than Serampore and Hooghly, but everywhere ploughing and sowing have made considerable progress. Crops promise well though the harvest will be late. Fodder and water-supply adequate. Prices of common rice:— Srs. Sadar ... ... 10 per rupee. Serampore ... ... 10 per rupee. Jahánabad ... ... 13 per rupee.
	6	Howrah „ 18, '92 Uluberia ...	2·82 3·64	Weather—seasonable. Ploughing and sowing continue. Jute and paddy growing. Condition of cattle good. Fodder and water-supply sufficient. Rice 10 to 12 seers per rupee.
PRESIDENCY DIVN.	7	24-Parganas „ 18, '92	2·06	Weather—hot and cloudy with occasional showers. Sowing of *aus* and jute proceeding. The rain has done much good to the young plants which have already appeared. Prospects greatly improved. Rice selling at from 10 to 11½ seers per rupee. No want of fodder or water. No cattle-disease.
	8	Nadia „ 18, '92 Kushtia ... Meherpur ... Ranaghat ... Chuadanga ...	1·57 1·17 1·39 1·56 0·38	Weather—hot and cloudy with occasional showers. Agricultural prospects good. Standing crops doing well. Common rice sells at from 10 seers 8 chitaks to 13 seers 5 chitaks per rupee. Condition of cattle good, and supply of fodder and water sufficient.
	9	Khulna „ 18, '92 Bágerhat ... Satkhira ...	2·54 4·10 3·08	Weather—showery with short breaks. *Aus* seedlings thriving. Ploughing and sowing of *áman* going on. Reaping of *til* in Bágerhat completed; outturn estimated at 12 annas. Common rice selling at from 11 to 14 seers per rupee. Fodder and water sufficient.
	10	Jessore „ 18, '92 Jhenida ... Magura ... Narail ... Bangaon ...	3·38 2·75 1·09 2·80 0·98	Weather—cloudy and rainy. *Aus, áman*, jute and indigo doing well. Fodder and water plentiful. Price of rice stationary.
	11	Murshidabad „ 18, '92	3·19	Weather—cloudy and hot at times with showers. *Bhadoi* rice and jute doing well. Recent rain has done much good to sugarcane and mulberry. Coarse rice sells at 11 seers per rupee. There is a sufficient supply of fodder for cattle.
CHITTAGONG DIVN.	12	Chittagong „ 18, '92	2·57	Weather—seasonable. Prospects of crops good. Rice being transplanted. Prices stationary. Condition of cattle generally good. Supply of fodder sufficient.
	13	Noakhali „ 18, '92 Fenny ...	6·87 4·56	Weather—cloudy and rainy. The late rain will be favourable to the *aus* plants which are in the field, as well as to the sowing of both *aus* and *áman*. Fodder and water ample. Price of coarse rice has become dearer than what it was last week.
	14	Tippera „ 18, '92	0·17	Weather—hot, cloudy and damp. Crops thriving. Prospects most favourable. Cattle-disease abating. Price of rice high.
	15	Chittagong Hill Tracts. „ 16, '92	0·55	Weather—cloudy and sunny throughout the week. Rainy this day day (16th). *Jum* paddy and cotton progressing. Lands are being ploughed for late rice crop. Common rice selling at 9 seers 12 chitaks per rupee.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—concld.			
DACCA DIVN.			
16	Dacca June 18, '92	0·79	Weather—cloudy and rainy. Rains were heavy at Narayanganj and Munshigan Jute and paddy thriving. Transplantation of rice going on. Prospects of standing crops good. Fodder available. No cattle-disease. Common ric selling at from 12 to 14 seers per rupee.
17	Faridpur „ 18, '92	1·60	Weather—cloudy and occasionally rainy. Paddy, jute and sugarcane doing well. Common rice selling at 11½ seers per rupee at Sadar, 12 seers at Goalundo, and 13 seers at Madaripur. Condition of cattle good. Fodder available.
18	Backergunge „ 18, '92	1·53	Weather—rainy and cloudy. State and prospects of crops satisfactory. Ordinary rice sells at from 10 to 13 seers per rupee. Fodder and water sufficient.
19	Mymensingh „ 18, '92	2·84	Weather—hot and cloudy and sometimes rainy Prospects of crops fair. Jute and *aus* now thriving, although damaged in some parts by excessive rain. Supply of fodder and water sufficient. Prices stationary.
RAJSHAHI DIVN.			
20	Dinajpur „ 18, '92 Thakurgaon ...	1·18 1·30	Weather—hot, cloudy and rainy. Jute and *bhadoi* have been sown to the extent of 16 annas. Prospects continue good. Preparation of lands for *haimanti* in progress. Price of rice at Sadar 10¾ seers per rupee, that at Thakurgaon stationary. Condition of cattle good. Fodder and supply of drinking water sufficient.
21	Rajshahi „ 18, '92 Nator .. Nowgong ...	2·63 4·53 1·28	Weather—seasonable and rainy. *Boro* rice is being harvested with good outturn everywhere. *Aus*, jute and *áman* cultivation satisfactory everywhere. Drinking water and fodder ample. Price of common rice from 11 to 15 seers per rupee.
22	Rangpur „ 18, '92 Gaibanda ... Kurigaon ... Nilphamari ...	2·06 0·80 0·80 0·49	Ordinary monsoon weather. Prospects of *aus* paddy and jute favourable. Price of common rice stationary.
23	Bogra „ 18, '92 Sherpur ... Naukhila ...	1·54 2·70 0·99	Weather—seasonable. Light rain early in the week followed by heavy rain on the 16th, 17th and 18th. Prospects of all standing crops good. Some of the *aus* and jute is already being cut. Preparation of lands for *áman* almost completed and some transplanting has begun. The outturn of *aus* and jute should be about 18 annas if all goes well in the next three months. The price of common rice has risen slightly, and 12½ seers are now obtainable for a rupee.
24	Pabna „ 18, 92	2·16	Weather—hot and rainy. Prospects of standing crops continue good. Weeding still continues. Price of common rice 12 seers per rupee. Condition of cattle good. Fodder and water-supply sufficient.
25	Darjeeling „ 18, 92	4·06	Weather—rainy with occasional breaks. *Bhutta* and *bhadoi* rice coming to perfection. *Chhota marua* progressing favourably. Potatoes being harvested. Cattle-disease in some parts of the hills. Water and fodder-supply sufficient. Common rice 9 seers per rupee at Darjeeling.
26	Jalpaiguri „ 18, '92	6·15	Weather—hot. Condition of *bhadoi* paddy improving. Jute has suffered owing to heavy rain. Ploughing has commenced for transplanting *áman*. Price of rice high all over the district, especially in Alipur subdivision. No cattle disease. Fodder and water-supply sufficient.
BIHAR.			
27	Monghyr „ 18, '92 Begusarai ... Jamui ...	1·06 1·46 0·94	Weather—cloudy sky with occasional showers; very sultry. Ploughing and sowing going on with vigour since the rains began. The seed sown has germinated and is doing well. Fodder and water becoming plentiful. Coarse rice selling at 10 to 12 seers per rupee.
BHAGALPUR DIVN.			
28	Bhagalpur „ 18, '92 Banka ... Madhipura ... Supaul ...	1·13 1·80 0·62 1·06	Ordinary monsoon weather. Agricultural prospects encouraging. *Marua* and *bhadoi* being sown in the south and transplanted in the north. *Makai* being sown in the south. Standing crops, such as sugarcane, indigo, and the paddy and *marua* sown near wells, reported flourishing. Common rice 11 seers 6 chitaks per rupee.
29	Purnea „ 18, '92 Kishanganj ... Araria ...	1·76 0·96 1·16	Weather—seasonable. *Bhadoi* has germinated well and is promising. *Aghani* sowing nearly finished. Transplantation and weeding in progress. Fodder and water sufficient. Prices of common rice:— Srs. Sadar ... ... 10 to 13 } Kishanganj ... ... 8 to 9 } per rupee. Araria ... ... 12 to 13 }
30	Malda „ 18, '92 Chanchal ... Shibganj ... Gajol ...	1·76 1·78 2·06 0·81	Weather—hot and cloudy with occasional rain. Standing *bhadoi* crops thriving and promising well. Harvesting of *mung* going on. Lands are still being ploughed and prepared for *áman*. Yield of mango 8 annas. Supply of fodder ample. Ordinary rice selling at 9 to 13 seers per rupee.
13	Sonthal Parganas „ 18, 92 Deoghur ... Godda ... Jamtara .. Pakaur ... Rajmahal ...	1·60 1·70 1·42 3·57 1·33 1·82	Weather—cloudy and warm. The rain has done much good. Ploughing and sowing proceeding briskly. Fodder and water-supply sufficient. Rice selling at from 11 to 13 seers per rupee.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
	BIHÁR—*concld.*		
	Patna Division.		
32	Patna, June 18, '92 Barh ... Bihár ... Dinapore ...	0·91 1·67 0·88 0·25	Weather—generally cloudy. Rain has been beneficial for *bhadoi* sowing, and lands are being generally prepared for it. In Barh subdivision water and fodder are now plentiful. In Bihár subdivision the harvesting of *cheena* is in progress. Transplantation of *marua* and sowing of Indian-corn have commenced in several places, and lands are being prepared for paddy. No distress reported. Common rice selling at from 10 to 13 seers per rupee, against 11 to 12½ seers in last week.
33	Gaya, „ 18, '92 Aurangabad ... Nawáda ... Jahánabad ...	2·96 2·59 1·20 0·76	Monsoon weather with a sufficiency of rain except in Jahánabad. Preparation of land for *bhadoi* and winter rice crops commenced. *Marua* nearly ready for transplantation. Sugarcane crop secured by the rain that has fallen. Prices stationary. Common rice selling at 12 seers per rupee at Sadar. Supply of water ample, and sufficient fodder will also soon be available.
34	Shahabad, „ 18, '92 Sasaram ... Bhabhua ... Buxar ..	1·57 5·32 3·21 1·05	Weather—cloudy with high winds and frequent showers. Rainfall in north of district not sufficient for *bhadoi* sowing, elsewhere abundant, and in south quite phenomenal for this season. Prospects generally favourable. Sugarcane, *marua* and Indian-corn flourishing. Lands being got ready for *bhadoi* sowing.
35	Darbhanga, „ 18, '92 Madhubani ... Samastipur ...	2·16 0·65 0·97	Weather—cloudy and close with frequent falls of rain more or less heavy. Rain has enabled paddy and *marua* to be sown, and has benefited all standing crops. *Marua* plants are hardly forward enough yet for planting. Cattle looking well. Fodder freshened by rain. Prices stationary. Common rice 12 seers per rupee at Madhubani.
36	Muzaffarpur, „ 18, '92 Sitamarhi ... Hajipur ..	1·24 0·60 1·35	Weather—rather hot; cloudy at times. Crop prospects good everywhere. All seed sown germinating, ample rain for the present having been received. Prices falling in Sitamarhi and in one part of Hajipur; elsewhere almost stationary.
37	Saran, „ 18, '92 Siwán ... Gopalganj ...	2·04 1·22 3·32	Weather—stormy and disturbed. Heavy storms almost everywhere. *Bhadoi* sowings going on. Standing crops much benefited. Fodder and water now plentiful. Prices of common rice :— Chapra ... ... 11 Srs. 2 Ch. Siwán ... ... 12 Srs. 9 Ch. Gopalganj ... ... 12 Srs. 10 Ch. } per rupee.
38	Champaran, „ 18, '92 Bettiah ...	2·22 3·64	Weather—cloudy and hot. Rain has fallen generally throughout the district and just in time when it was required. It has done a great deal of good. Agricultural operations in progress. Standing crops doing well. No scarcity of fodder and water. Prices stationary.
	ORISSA.		
	Orissa Divn.		
39	Cuttack, „ 18, '92	1·78	Weather—seasonable. Rainfall general and adequate. Ploughing and sowing of *sarad* and *biali* in progress. Price of common rice 9 seers to 15 seers 12 chitaks per rupee. Fodder-supply adequate.
40	Puri, „ 16, '92 Khurda ...	6·52 7·45	Weather—cloudy. Ploughing going on. Sowing has begun in places. Miscellaneous crops doing well. Rice sells at from 10 to 14 seers per rupee.
41	Balasore, „ 18, '92	4·68	Weather—stormy. The cyclone of last week caused extensive floods in the south of the district. Lands being cultivated, and sowing of winter rice begun. Rice sells at from 13 to 15 seers per rupee.
	CHOTA NAGPUR.		
	Chota Nagpur Divn. — *South-West Frontier Agency.*		
42	Hazáribágh, June 18, '92 Giridi ...	5·00 2·98	Weather—seasonable. Sugarcane doing well. Ploughing and sowing in vigorous progress all over the district. Water and fodder sufficient.
43	Lohardaga, „ 18, '92	5·35	Weather—seasonable. Ploughing is being vigorously carried on. Sowing of *bhadoi* crops continues. Winter rice is also being sown. Common rice selling at 14 seers per rupee. Fodder and water-supply sufficient.
44	Palámau, „ 17, '92	5·08	Weather—cloudy and cool. A break seems to have now set in. Good rain reported from all thánas and outposts except Untari, where showers are reported. Ploughing for and sowing of *bhadoi* crops have commenced. Common rice selling at from 12 to 16 seers per rupee. Supply of fodder increasing. Cattle-disease reported from Daltonganj thána.
45	Singhbhum, „ 18, '92	2·80	Weather—seasonable. The rains have set in apparently. Rice crop being sown everywhere. Price of common rice stationary.
46	Manbhum, „ 18, '92 Gobindpur ...	7·22 1·12	Heavy rain during the week. Ploughing still going on. Prospects so far fair. Rice 13 to 16 seers per rupee.

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 21*st June*, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (*RETAIL*) OF FOOD-GRAINS, FIREWOOD AND SALT IN THE HEAD-QUARTERS STATION BAZARS OF THE DISTRICTS OF BENGAL DURING THE FORTNIGHT ENDING THE 15TH JUNE, 1892.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLUM, (*Sorghum Vulgare.*)		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	BENGAL.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
	BURDWAN DIVISION.															
1	Burdwan ...	11 0¼	11 4	13 4	...	...	..	10 14	10 14	14 4	12 15	12 15	17 4	...	...	...
2	Bankura ...	10 0	11 10	15 0	...	...	...	11 0	11 4	17 8	13 8	13 12	20 0	...	...	...
3	Birbhum ...	10 8	10 8	15 0	10 3	10 3	...	10 3	10 3	13 8	12 0	12 0	16 8	...	...	...
4	Midnapore ...	11 0	11 0	13 4	...	...	...	11 0	11 0	14 8	13 0	13 0	19 0	...	...	...
5	Hooghly ...	12 0	13 0	13 0	...	...	...	8 0	8 0	8 0	10 0	10 0	14 0	..	...	...
6	Howrah ...	...	...	...	...	...	...	8 8	8 0	11 0	12 0	11 3	14 8	.	...	–
	PRESIDENCY DIVISION.															
	Calcutta	11 8	11 5	12 7	15 8	16 1	19 7	7 14	7 10	9 6	10 11	10 6	13 10	15 2	16 1	16 0
7	24-Parganas ...	11 4	11 4	13 5	16 0	16 0	20 8	8 0	8 0	8 0	12 0	12 0	15 8	16 0	16 0	...
8	Nadia ..	12 1	11 13½	14 14	19 6	17 12½	25 9	10 7½	10 0	12 5	11 12	11 10	11 8	...	.	...
9	Khulna ...	10 0	8 0	...	8 4	8 4	...	10 12	11 0	14 0	13 0	13 0	16 0	..	...	...
10	Jessore ..	10 0	13 0	12 5	...	...	...	10 0	9 8	13 0	12 12	13 0	16 0	...	...	...
11	Murshidabad ...	12 0	12 0	16 0	...	...	...	9 0	9 0	12 0	12 4	12 0	14 8	...	...	...
	CHITTAGONG DIVISION.															
12	Chittagong ...	10 8	10 8	12 0	...	...	...	8 8	8 8	12 8	11 0	11 8	16 1⅛	...	...	...
13	Noakhali ...	...	..	...	...	...	..	10 0	11 0	15 0	11 8	12 8	16 0	...	...	...
14	Tippera ...	12 0	12 4	10 0	...	...	...	10 0	9 0	10 8	13 0	12 4	15 3⅓		.	...
15	Chittagong Hill Tracts.	...	...	..	...	...	...	8 8	8 0	11 6¾	9 12	10 0	15 0	...	...	..
	DACCA DIVISION.															
16	Dacca ...	10 8	11 8	15 0	...	...	26 0	10 0	10 0	13 0	13 0	12 8	15 0	...	...	...
17	Faridpur ...	14 0	14 0	18 0	18 0	...	20 0	10 0	10 0	12 0	12 0	13 0	16 0	...	...	...
18	Backergunge ...	...	...	...	...	...	...	7 4	7 4	13 14	11 0	11 0	16 0	...	...	...
19	Mymensingh ...	9 0	9 8	12 0	13 0	..	...	10 0	11 0	11 8	13 0	13 8	13 0	...	...	...
	RAJSHAHI DIVISION.															
20	Dinajpur ...	10 13	10 13	12 10	16 0	16 0	16 0	9 8	9 8	13 12	11 0	12 0	16 12	...	...	...
21	Rajshahi ...	12 12	12 12	16 8	19 8	19 8	26 4	9 12	9 12	13 8	11 4	11 4	14 10	...	...	...
22	Rangpur .	10 0	10 0	10 10	...	...	...	10 0	10 10	9 6	11 10	11 10	12 4	...	...	...

A In subdivisions retail prices of salt per rupee are :—Kalna 10 seers, Katwa 12 seers.
B At Vishnupur retail price of salt, 11 seers per rupee.
C At Rampur Hát retail price of salt, 11 seers per rupee.
D In subdivisions retail prices of salt per rupee are :—Contai 10 seers, Tamluk 10¾ seers, and Ghatál 10¾ seers.
E Retail price of salt at Serampore 10½ seers and Bhadreswar 12 seers per rupee.
F At Ulubaria retail price of salt, 11 seers per rupee.
G Retail price of salt at Chetla 10 seers 10⅝ chitaks, Magrahat 10 seers 10 chitaks, Barasat 10 seers 10 chitaks, and Baduria 10 seers 10 chitaks per rupee.
H In subdivisions retail prices of salt per rupee are :—Kushtia 10½ seers, Meherpur 10½ seers, and Ranaghat 10½ seers.
I In subdivisions retail prices of salt per rupee are :—Satkhira 11 seers and Bágerhat 8 seers.
J In subdivisions retail prices of salt per rupee are :—Jhenidah 10 seers, Magura 10 seers, Narail 9 seers 10 chitaks, and Bang[illegible] 10 seers 10 chitaks.

Head-quarters Station Bazars of the Districts of Bengal on the 15th June, 1892.

Indian-corn or Maize (*Zea Mays.*) Present return.	Next preceding return.	Corresponding return of last year.	Arhar or Thur, Cadjan Pea. (*Cajanus indicus.*) Present return.	Next preceding return.	Corresponding return of last year.	Firewood. Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Next preceding return.	Corresponding return of last year.	Districts.	Number.	Division
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	BENGAL.		
...	...	...	16 8	16 8	18 0	100 0	100 0	100 0	A 11 10	11 10	11 2½	3 4 8	3 4 8	3 8 8	Burdwan.	1	Burdwan Division.
...	...	...	17 0	18 4	18 0	280 0	320 0	240 0	B 10 0	11 0	10 0	4 0 0	3 10 0	3 14 0	Bankura.	2	
...	...	...	10 3	10 3	11 4	180 0	180 0	160 0	C 10 4	10 4	10 14	3 14 0	3 14 0	3 12 0	Birbhum.	3	
...	...	...	10 8	10 8	12 0	120 0	120 0	120 0	D 10 8	10 8	10 8	3 12 0	3 12 0	3 12 0	Midnapore.	4	
...	...	...	11 0	11 0	11 0	120 0	120 0	120 0	E 10 0	10 0	10 0	3 12 0	3 12 0	3 9 0	Hooghly.	5	
...	...	...	11 7	10 10	12 8	105 0	100 0	100 0	F 10 13	10 10⅜	10 8	3 6 0	3 8 0	3 9 0	Howrah.	6	
...	...	.	15 8	15 4	16 0	85 0	86 0	95 0	11 4	11 4	11 0	3 4 6	3 4 2	3 6 0	Calcutta.		Presidency Division.
16 0	16 0	...	18 0	18 0	17 0	100 0	100 0	100 0	G 11 0	11 0	10 12	3 4 6	3 5 0	3 6 6	24-Parganas.	7	
...	...	...	17 8½	17 8½	17 12½	..	...	...	H 10 10½	10 10½	9 13	3 8 0	3 8 0	3 12 0	Nadia.	8	
...	..	...	12 0	10 8	...	140 0	140 0	160 0	I 9 0	10 0	9 0	4 0 0	4 0 0	4 0 0	Khulna.	9	
...	...	...	13 0	18 0	16 0	130 0	130 0	160 0	J 9 2	9 2	9 2	3 10 0	3 10 0	3 14 (	Jessore.	10	
...	...	...	17 0	17 0	15 0	200 0	200 0	200 0	K 10 8	10 8	11 0	3 7 0	3 7 0	3 10 0	Murshidabad.	11	
...	...	...	...	...	...	110 0	110 0	110 0	9 0	9 0	10 0	4 4 0	4 4 0	3 12 0	Chittagong	12	Chittagong Division.
...	...	..	..		8 0	..	..	...	L 8 0	8 0	8 0	4 6 0	4 12 0	4 8 0	Noakhali	13	
...	...	...	8 0	8 0	7 0	80 0	...	...	M 10 0	9 0	10 0	3 14 0	4 0 0	4 0 0	Tippera.	14	
...	...	...	...	...	...	240 0	240 0	320 0	8 0	8 0	8 0	4 12 0	4 12 0	4 8 0	Chittagong Hill Tracts.	15	
...	...	...	15 0	14 0	10 0	120 0	120 0	120 0	N 10 0	10 0	10 0	3 11 0	3 8 0	3 13 0	Dacca.	16	Dacca Division.
...	...	...	13 0	11 0	15 0	...	...	120 0	O 10 0	10 12	13 4	4 0 0	3 12 0	3 0 0	Faridpur.	17	
...	...	...	10 10	10 10	...	80 0	80 0	120 0	P 10 0	11 0	10 10	3 10 0	3 10 0	3 12 0	Backergunge.	18	
...	...	...	13 0	..	10 0	120 0	110 0	120 0	Q 10 0	9 12	9 8	3 15 0	4 0 0	4 2 0	Mymensingh.	19	
...	...	...	16 0	16 0	15 0	160 0	160 0	160 0	10 4	10 4	10 0	3 12 0	3 12 0	4 0 0	Dinajpur.	20	Rajshahi Division.
...	...	...	18 8	19 8	19 6	240 0	240 0	240 0	R 9 9	9 9	9 9	3 10 8	3 10 8	4 0 0	Rajshahi	21	
...	...	...	9 0	9 0	10 10	80 0	100 0	100 0	S 10 0	10 0	9 6	4 0 0	4 0 0	4 4 0	Rangpur.	22	

K In subdivisions retail prices of salt per rupee are :—Jangipur 10½ seers, Lalbagh 10½ seers, and Kandi 10½ seers.
L At Fenny retail price of salt, 8½ seers per rupee.
M In subdivisions retail prices of salt per rupee are :—Brahmanbaria 9 seers 2 chitaks and Chandpur 9 seers.
N In subdivisions retail prices of salt per rupee are :—Manikganj 9 seers 13 chitaks, Munshiganj 10½ seers, and Naraingan) 10 seers.
O In subdivisions retail prices of salt per rupee are :—Goalundo 10 seers and Madaripur 11 seers.
P In subdivisions retail prices of salt per rupee are :—Pirojpur 10½ seers, Patuakhali 9 seers, and Bhola 8 seers.
Q In subdivisions retail prices of salt per rupee are :—Jamalpur 9½ seers, Netrokona 10 seers, Sambhganj 9 seers, Tangail 10 seers, and Kishorganj 8 seers.
R In subdivisions retail prices of salt per rupee are :—Natore 9 seers and Nowgong 9 seers 9 chitaks.
S In subdivisions retail prices of salt per rupee are :—Gaibanda 10 seers, Nilphamari 9½ seers.

PRICES-CURRENT (retail) of Food-grains, Firewood, and Salt in the Head-quarters

QUANTITIES PER RUPEE IN

Division	Number.	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Jowar or Cholum. (Sorghum Vulgare.) Present return.	Jowar or Cholum. Next preceding return.	Jowar or Cholum. Corresponding return of last year.
BENGAL—*continued*.			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Rajshahi Division —concld.	23	Bogra T	12 0	12 0	13 8	...	...	...	9 12	9 12	12 0	11 4	13 2	16 8	...	...	...
	24	Pabna	13 8	13 8	17 4	...	...	...	6 12	6 12	7 5	12 12	12 12	15 0	...	...	...
	25	Darjeeling U	7 0	7 0	9 0	8 0	8 0	10 0	5 0	5 0	5 0	9 0	9 0	12 0	...	...	...
	26	Jalpaiguri V	11 0	11 0	12 0	16 0	16 0	16 0	6 8	7 0	8 0	10 0	10 8	15 0	...	...	...
BIHÁR.																	
Bhágalpur Division.	27	Monghyr W	13 8	13 10	17 1	16 0	...	23 2	9 5	9 7	11 9	10 12	11 4	14 11½	...	...	14 11½
	28	Bhágalpur X	13 14	13 14	16 6	16 6	17 10	25 4	10 1	10 1	12 10	11 6	11 6	15 2	...	...	...
	29	Purnea Y	12 0	12 0	16 0	...	16 0	18 0	10 0	10 0	15 0	12 0	11 8	18 0	...	...	...
	30	Malda Z	13 0	13 4	17 0	...	...	...	10 8	10 0	9 0	12 0	12 0	15 8	...	...	...
	31	Sonthal Parganas. a	11 0	11 0	12 0	...	...	...	9 0	9 0	13 0	11 4	11 4	17 0	...	...	...
Patna Division.	32	Patna b	15 0 13 12	Red. 14 0 White. 13 8	18 0 16 0	19 8	18 0	23 0	9 8	9 0	11 0	12 8	12 8	17 8	20 0	20 0	12 0
	33	Gaya c	13 0	13 0	14 8	18 0	18 0	25 4	9 0	9 0	10 8	11 12	12 0	15 0	17 8	...	...
	34	Shahabad	13 8	13 8	15 8	15 12	18 0	20 0	9 0	8 0	9 0	12 0	11 8	16 8	...	...	...
	35	Darbhanga	13 3	13 3	14 0	18 2	18 2	22 0	10 0	10 0	12 0	12 0	12 0	15 0	...	...	...
	36	Muzaffarpur	13 0	13 8	16 0	18 0	17 0	22 0	9 0	9 0	12 0	11 8	11 8	13 0	...	...	...
	37	Saran	13 8	13 8	15 2	19 4	19 0	20 8	8 8	8 8	8 8	11 2	11 8	15 0	...	...	...
	38	Champaran	12 8	12 4	15 0	17 0	17 8	25 0	9 0	8 8	9 14	12 8	12 8	14 0	...	...	...
ORISSA.																	
Orissa Division.	39	Cuttack	9 3	10 8	10 8	...	...	...	8 3	8 3	11 13	10 8	10 8	17 1	...	...	...
	40	Puri	8 2	10 8	14 7	...	...	...	9 3	10 8	14 7	11 13	13 0	21 0	...	...	...
	41	Balasore	10 12	10 12	15 0	20 0	10 0	13 0	10 0	10 0	13 0	13 0	13 0	18 0	...	...	...
CHOTA NAGPUR																	
Chota Nagpur Division.	42	Hazáribágh	12 0	12 4	13 8	16 0	14 0	16 0	8 0	8 0	8 0	12 0	12 8	15 0	...	...	...
	43	Lohardaga	11 0 8 4 to 9 8	Red. 12 0 White. 8 8 to 10 0	12 0 8 4	11 0	11 0	19 0	12 0	12 0	13 0	Ordinary. 13 0 Coarse. 14 8 to 15 0	Ordinary. ... Coarse. 14 8	Ordinary. 15 0 to 16 0 Coarse. 17 0	...	...	...
	44	Palámau	13 8	13 8	15 0	16 14	16 14	19 0	12 6	13 8	12 6	13 8	14 1	14 0	...	...	...
	45	Singhbhum	14 0	14 0	12 0	..	...	14 0	13 0	12 0	12 0	16 0	16 0	14 0	...	...	...
	46	Manbhum	11 8	11 0	13 0	..	...	16 0	11 0	11 8	13 0	15 0	15 0	18 0 to 19 0	...	...	...

T At Sirajganj retail price of salt, 11¼ seers per rupee.
U At Silliguri retail price of salt, 8 seers per rupee.
V At Falakata in Alipur subdivision retail price of salt, 8½ seers per rupee.
W In subdivisions retail prices of salt per rupee are :—Begusarai 10 seers and Jamui 10 seers.
X In subdivisions retail prices of salt per rupee are :—Banka 10 seers, Madhipura 10 seers, and Supaul 10 seers.
Y In subdivisions retail prices of salt per rupee are—Kishanganj 9 seers and Araria 10 seers.
Z At Rahanpur retail price of salt, 11 seers per rupee.
a In subdivisions retail prices of salt per rupee are :—Deoghur 10 seers, Godda 10 seers, Jamtara 9 seers, Pakur 10½ seers, and Rajmehal 11 seers.
b In subdivisions retail prices of salt per rupee are :—Bihár 10 seers, Dinapore 9¾ seers.
c At Nawada retail price of salt 9 seers per rupee.

CALCUTTA,
The 21st June, 1892.

Station Bazars of the Districts of Bengal on the 15th June, 1892—(concluded).

Indian-corn or Maize (*Zea Mays.*) Present return.	Next preceding return.	Corresponding return of last year.	Arhar or Thur, Cadjan Pea. (*Cajanus Indicus.*) Present return.	Next preceding return.	Corresponding return of last year.	Firewood. Present return.	Next preceding return.	Corresponding return of last year.	Salt. Present return.	Next preceding return.	Corresponding return of last year.	Wholesale prices per maund of 40 seers. Salt. Present return.	Next preceding return.	Corresponding return of last year.	Districts.	Number.	Division
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	BENGAL—*continued.*		
...	...	...	...	...	...	90 0	90 0	90 0	9 9	9 12	9 6	3 14 8	3 14 8	4 0 0	Bogra.	23	Rajshahi Division—*concld.*
...	...	...	18 0	16 8	16 8	200 0	200 0	200 0	[T] 9 12	9 12	8 15	3 12 0	3 12 0	3 14 0	Pabna.	24	
10 0	11 0	22 0	8 0	8 0	10 0	120 0	120 0	120 0	[U] 8 0	8 0	8 0	4 12 0	5 0 0	5 0 0	Darjeeling.	25	
...	...	...	8 0	8 0	10 0	160 0	160 0	200 0	[V] 10 0	10 0	10 0	4 0 0	4 0 0	4 0 0	Jalpaiguri.	26	
																BIHAR.	
15 0	15 12	16 12	16 8	16 12	17 13½	160 0	147 0	168 0	[W] 10 10	10 8	10 8	3 14 0	3 7 6	3 10 0	Monghyr.	27	Bhágalpur Division
15 12	16 6	25 4	17 10	17 10	18 15	164 8	164 8	164 0	[X] 10 11	10 11	10 11	3 12 0	3 12 0	3 12 0	Bhágalpur.	28	
16 0	15 0	20 0	13 0	15 0	14 0	160 0	160 0	115 0	[Y] 11 0	10 0	9 0	3 10 0	4 0 0	4 3 4	Purnea.	29	
20 0	20 0	...	...	...	...	120 0	120 0	120 0	[Z] 10 0	10 0	9 4	3 12 0	3 12 0	4 6 0	Malda.	30	
12 0	13 0	20 0	15 0	15 0	20 0	200 0	230 0	200 0	[a] 10 0	10 0	9 0	3 10 3	3 10 3	4 0 0	Sonthal Parganas.	31	
18 0	18 8	...	22 0	20 0	19 0	130 0	130 0	130 0	[b] 10 8	10 8	10 12	3 12 0	3 12 0	3 10 0	Patna.	32	Patna Division.
...	16 8	...	19 0	19 0	18 8	160 0	160 0	120 0	[c] 10 0	10 0	10 0	3 13 0	3 13 0	4 0 0	Gaya.	33	
16 0	16 0	...	18 8	18 0	17 0	140 0	140 0	160 0	[d] 11 0	10 12	10 8	3 10 0	3 9 0	3 13 0	Shahabad.	34	
17 0	17 0	18 0	19 0	18 11	17 0	168 0	168 0	160 0	[e] 10 4	10 4	11 0	3 8 0	3 8 0	3 8 0	Darbhanga.	35	
17 0	17 0	16 0	18 0	19 0	16 0	160 0	160 0	160 0	[f] 10 8	10 8	11 4	3 11 6	3 11 6	3 9 0	Muzaffarpur.	36	
18 0	18 0	16 0	20 4	20 0	18 12	160 0	160 0	160 0	[g] 10 8	10 4	10 4	3 12 0	3 14 0	3 14 0	Saran.	37	
17 0	17 0	18 0	19 0	19 0	16 4	160 0	160 0	160 0	[h] 10 8	10 8	10 0	3 12 0	3 12 0	3 11 0	Champaran.	38	
																ORISSA.	
...	...	...	13 2	11 8	18 6	80 0	80 0	80 0	[i] 9 0	9 0	9 0	4 6 0	4 6 0	4 6 0	Cuttack.	39	Orissa Division.
...	...	...	13 13	13 8	18 6	80 0	80 0	80 0	[j] 11 8	11 0	9 13	3 8 0	3 10 3	3 12 0	Puri.	40	
...	...	...	10 12	10 12	...	160 0	160 0	160 0	[k] 11 0	11 0	10 0	3 10 0	3 10 0	3 14 0	Balasore.	41	
																CHOTA NAGPUR.	
16 0	17 0	18 0	14 8	15 8	17 0	240 0	240 0	249 0	[l] 9 0	9 0	7 0	4 0 0	4 0 0	4 8 0	Hazáribágh.	42	Chota Nagpur Division.
17 0	18 0	...	Big. 12 0 Small. 15 0	12 0 15 0	17 0 20 0	140 0	160 0	140 0 to 160 0	9 0	8 8	8 8	4 4 0	4 8 0	4 12 0	Lohardaga.	43	
20 4	20 14	19 0	16 14	20 4	14 1	200 0	200 0	200 0	7 14	7 14	7 14	No wholesale.			Palámau.	44	
...	...	14 0	14 0	16 0	21 0	160 0	160 0	200 0	9 0	9 0	9 0	4 6 0	4 6 0	4 6 0	Singhbhum.	45	
...	...	...	15 0	15 0	19 0	200 0	200 0	200 0	[m] 9 14	10 10	9 14	3 14 0	3 12 0	3 14 0	Manbhum.	46	

d In subdivisions retail prices of salt per rupee are :—Sasarám 10 seers, Buxar 10½ seers, and Bhabhua 9¼ seers.
e In subdivisions retail prices of salt per rupee are—Madhubani 11½ seers and Samastipur 10 seers.
f In subdivisions retail prices of salt per rupee are :—Hajipur 10½ seers and Sitamarhi 11 seers.
g In subdivisions retail prices of salt per rupee are :—Siwán 12 seers and Gopalganj 12 seers.
h At Bettiah retail price of salt, 10 seers per rupee.
i In subdivisions retail prices of salt per rupee are :—Jajpur 9 seers, Kendrapara 9 seers, and Banki 11 seers 7 chitaks.
j At Khurda retail price of salt, 9 seers per rupee.
k At Bhadrak retail price of salt, 9 seers per rupee.
l At Giridih retail price of salt, 10 seers per rupee.
m At Gobindpur retail price of salt, 10½ seers per rupee.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt

Number.	MARTS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	3 3 3	3 3 11	2 15 1	2 4 7	2 3 11	1 12 9	4 14 4	5 0 3	4 0 3	3 7 3	3 8 4	2 10 9
2	Sirajganj ...	3 1 0	3 4 0	2 7 0	...	...	...	5 8 0	5 1 6	4 8 0	3 5 0	3 4 0	3 0 6
3	Dacca ...	3 12 0	3 8 0	2 8 0	...	...	1 8 0	4 0 0	4 0 0	3 0 0	3 0 0	3 2 0	2 8 0
4	Narainganj	...	...	...	...	...	...	3 8 0	...	2 8 0	3 2 0	...	2 4 0
5	Chittagong	3 12 0	3 12 0	3 0 0	...	...	...	4 8 0	4 8 0	3 2 0	3 8 0	3 7 6	2 6 8
6	Patna ...	2 10 0 2 14 9	Red. 2 13 3 White. 2 15 6	2 3 6 2 8 0	2 0 6	2 3 0	1 11 6	4 3 4	4 7 3	3 10 0	3 2 0	3 3 0	2 4 6
7	Balasore ...	3 12 0	3 12 0	2 12 0	3 12 0	3 12 0	3 0 0	3 12 0	3 12 0	3 0 0	3 0 0	3 0 0	2 3 0
8	Puri ...	4 13 0	3 12 9	...	...	...	...	4 5 0	3 12 9	...	3 6 0	3 1 3	1 14 3
9	Cuttack ...	4 4 0	3 12 0	3 10 0	...	...	...	4 14 0	4 14 0	3 4 0	3 12 0	3 12 0	2 2 0

CALCUTTA,
The 21st June, 1892.

PRICES PER MAUND

Jowar or Cholum. (*Sorghum Vulgare.*)			Bajra or Cumbu. (*Pennisetum typhoideum.*)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
2 6 2	2 3 10	2 4 0	2 9 4	2 9 6	3 2 0
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
2 0 0	2 0 0	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...
...	...	...	...	...	...

n the 15th June, 1892.

Arhar or Thur, Cadjan Pea. (*Cajanus indicus.*)			Firewood.			Salt.			Marts.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
5 3	2 5 6	2 3 11	0 6 0	0 6 0	0 5 9	3 4 6	3 4 2	3 6 0	Calcutta.
...	...	...	0 8 0	0 6 6	0 8 0	3 8 0	3 7 0	3 13 0	Sirajganj.
10 0	2 13 0	3 14 0	0 5 0	0 5 0	0 5 0	3 11 0	3 8 0	3 13 0	Dacca.
8 0	...	4 8 0	0 8 0	...	0 8 0	4 0 0	...	3 10 0	Narainganj
...	...	...	0 5 0	0 5 0	0 5 0	4 4 0	4 4 0	3 12 0	Chittagong.
13 0	2 0 0	2 1 6	0 5 0	0 5 0	0 5 0	3 10 0	3 12 0	3 10 0	Patna.
...	...	...	0 4 0	0 4 0	0 4 6	3 10 0	3 10 0	3 14 0	Balasore.
15 0	2 15 4	2 4 0	0 8 0	0 8 0	...	3 8 0	3 10 3	3 12 0	Puri.
0 0	2 10 0	2 2 0	0 8 0	0 8 0	0 8 0	4 6 0	4 6 0	4 6 0	Cuttack.

Published for general information.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

Meteorological Division	District	Representative station	Air pressure: Mean barometric height, 8 A.M.	Air pressure: Mean reduced to sea-level and to lat. 45°	Air pressure: Variation from mean	Wind: Prevailing direction	Wind: Mean wind velocity	Temperature: Highest during week	Date	Lowest during week	Date	Mean maximum temperature	Mean minimum temperature of week	Mean daily temperature of week	Variation from normal mean of week	Mean 8 A.M. temperature
Orissa	Puri	Puri	29·641	29·590	—	SW	374	90·2	15th June	75·6	15th June	88·8	79·1	84·0	—	83·6
		Gopalpore	29·646	29·607	+·106	SW	425	90·2	13 & 15 ,,	76·8	18th ,,	88·7	78·4	83·5	—1·0	83
		False Point	29·636	29·597	+·071	SWly	346	91·0	18th ,,	73·1	17th ,,	90·0*	78·3	83·9*	—2·3*	84·1
	Cuttack	Cuttack	29·568	29·591	+·080	SWly	89	98·4	14th ,,	77·3	15 & 18 ,,	92·9	78·2	85·6	—2·6	82·8
	Balasore	Balasore	29·565	29·567	+·062	Sly	173	94·4	14th ,,	74·8	16 to 19 ,,	90·3	76·5	83·4	—3·0	81·9
South-West Bengal	South-West Midnapore, South 24-Parganas	Saugor Island	29·606	29·575	+·070	SWly	449	90·7	14 & 15 ,,	76·0	16th ,,	88·1	79·3	83·7	—3·1	82·7
	Midnapore	Midnapore	29·479	29·574	+·164	SW	251	96·3	14th ,,	75·1	16th ,,	90·9	77·4	84·1	—3·0	81·4
	24-Parganas, Howrah, Hooghly	Calcutta	29·602	29·569	+·067	SWly	147	92·6	14 & 15 ,,	75·7	16th ,,	88·5	78·2	83·4	—2·2	81·5
	Burdwan	Burdwan	29·515	29·569	+·061	SWly	110	95·6	14th ,,	77·4	16th ,,	90·2	79·5	84·9	—2·3	81·8
	Bankura	Bankura	29·286	29·530	+·052	SWly	107	97·1	14th ,,	75·1	16th ,,	91·0	78·6	84·8	?	82·3
	Birbhum, West Burdwan	Raniganj	29·280	29·571	+·065	Wly	77	96·5	14th ,,	75·4	18th ,,	91·1	78·5	84·8	—4·3	81·9
	Murshidabad	Berhampore	29·341	29·556	+·048	Variable	77	95·2	15th ,,	77·8	12 & 15 ,,	91·1	79·1	85·1	—0·5	81·4
	Nadia	Krishnagar	29·561	29·556	+·058	Sly	152	96·7	15th ,,	77·2	12th ,,	91·1	78·3	84·7	—1·3	82·7
	Jessore, Khulna	Jessore	29·591	29·571	+·043	SEly	84	93·7	15th ,,	77·4	16 & 17 ,,	89·1	78·8	84·0	—1·4	82·9
East Bengal	Chittagong	Chittagong	29·610	29·644	+·050	SEly	140*	89·2	14th ,,	75·1	15, 16, 17 ,,	86·6	76·5	81·6	+0·4	81·4
	Chittagong Hill Tracts	Domagiri						Observations not received.								
	Backergunge	Barisal	29·634	29·591	+·048	Calm	124	91·3	14, 15 June	71·9	12th ,,	87·4	77·5	82·5	—0·8	81·1
	Noakhali	Noakhali	29·636	29·620	+·051	SEly	184	88·0	14 & 15 ,,	75·8	12 & 16 ,,	85·7	78·0	81·9	0	81·4
	Faridpur	Faridpur	29·599	29·593	+·050	S Ely & Calm.	131	91·5	14 & 15 ,,	76·4	18th ,,	87·9	78·1	83·0	—0·2	81·7
	Dacca	Dacca	29·616	29·586	+·044	SEly	233	92·1	14 & 15 ,,	78·2	12 & 16 ,,	88·7	79·9	84·3	+0·8	82·5
	Tippera	Comilla	29·623	29·607	+·018	SE	115	91·3	15th ,,	75·8	16th ,,	87·8	77·7	82·8	+0·6	82·2
	Mymensingh	Mymensingh	29·574	29·558	+·029	SSE	156	91·7	15th ,,	77·0	12th ,,	87·6	78·4	83·0	+1·7	81·2
North Bengal	Bogra	Bogra	29·543	29·556	+·047	SEly	79	94·3	15th ,,	77·0	16th ,,	89·3	77·9	83·7	+0·5	81·9
	Pabna	Sirajganj	29·577	29·573	+·039	S & Calm	65	92·1	13 & 15 ,,	76·7	18th ,,	89·1	78·1	83·6	+0·6	81·6
	Rajshahi	Rampur Boalia.	29·541	29·560	+·063	SE	115	93·8	15th ,,	76·6	12th ,,	89·3	78·2	83·8	—0·1	83·1
	Malda	Malda	29·527	29·568	—	SE	86	96·6	14th ,,	76·3	17th ,,	91·9	78·6	85·3	—	83·8
	Dinajpur	Dinajpur	29·504	29·574	+·128	SEly	97	93·1	13 & 14 ,,	77·2	12th ,,	90·2	78·5	84·4	+0·6	81·5
	Rangpur	Rangpur	29·513	29·580	+·034	E	24	92·8	15th ,,	76·7	15th ,,	89·9	78·3	84·2	+1·7	81·5
	Jalpaiguri, Kuch Bihar	Jalpaiguri	29·340	29·576	+·028	E	94	92·4	14 & 15 ,,	75·1	14th ,,	90·0	76·3	83·2	+1·6	80·5
	Darjeeling Hill Tracts	Darjeeling	22·873	—	+·010	Variable	99	67·6	13, 14 ,,	55·1	13th ,,	65·6	56·4	61·0	+0·7	60·8
North Bihar	Purnea, North Bhágalpur	Purnea	29·500	29·577	+·064	Ely	52	94·2	14th ,,	74·2	17th ,,	91·3	77·6	84·5	—0·4	82·9
	Muzaffarpur	Muzaffarpur	29·409	29·539	—	ESE	170	95·7	14th ,,	76·2	13 & 18 ,,	91·8	79·0	85·4	—	82·9
	Darbhanga	Darbhanga	29·443	29·561	+·054	ESE	166	94·0	14 & 15 ,,	75·5	15th ,,	90·7	77·9*	84·7*	—1·5*	82·9
	Champaran	Motihari	29·349	29·529	+·035	Ely	216	96·2	14th ,,	74·0	13 & 18 ,,	91·5	76·2	83·9	—3·4	81·8
	Saran	Chapra	29·388	29·520	+·040	Variable	141	96·3	14th ,,	76·6	12th ,,	92·2	78·7	85·5	—4·5	84·0
South Bihar	Shahabad	Dehri	29·216	29·517	+·042	Wly	99	91·8	17 & 18 ,,	74·5	12th ,,	87·4	76·9	82·2	—6·7	83·8
		Buxar	29·336	29·527	+·046	Variable	186	97·4	18th ,,	76·3	12th ,,	89·5	78·1	83·8	—7·2	83·5
		Arrah	29·376	29·515	+·049	Variable	116	97·9	18th ,,	77·0	12th ,,	91·1	78·0	85·0	—6·6	83·3
	Gaya	Gaya	29·194	29·519	+·044	Variable	176	95·5	13, 18 ,,	75·8	16th ,,	91·9	78·5	85·2	—3·9	83·6
	Patna	Bankipore	29·392	29·525	+·036	SEly	178	94·7	13th ,,	77·2	16th ,,	85·0	79·3	82·8	—7·1	84·1
	South Bhágalpur, Monghyr	Bhágalpur	29·431	29·543	+·053	Ely	57	98·2	14th ,,	76·5	12th ,,	91·6	78·9	85·3	—1·4	83·7
	Sonthal Parganas	Dumka	29·103	29·543	+·062	Variable	215	90·1	14th ,,	76·3	18th ,,	89·8	79·2	84·5	—8·0	83·6
Chota Nagpur	Hazáribágh	Hazáribágh	27·613	29·543	+·047	Wly	286	87·2	13 & 15 ,,	69·8	12th ,,	84·1	73·5	78·8	—6·3	77·8
	Lohardaga, Palamau, Manbhum	Ranchi	27·495	29·547	+·050	Wly	202	86·0	13th ,,	68·4	12th ,,	82·1	71·0	76·5	—8·5	75·8
	Singhbhum	Chaibassa	28·526	29·530	+·057	Variable	59	95·4	14th ,,	72·7	12th ,,	90·8	75·3	83·1	—6·6	79·7
Assam	Sibsagar	Sibsagar	29·305	29·590	—·013	Variable		92·6	13, 14, 17 ,,	76·0	15th ,,	91·7	76·3	85·0	+1·7	82·2
	Goalpara	Dhubri	29·519	29·588	+·040	Variable	152	89·2	14 & 17 ,,	76·8	12 & 15 ,,	86·5	77·0	82·1	—0·2	79·8
	Cachar	Silchar	29·577	29·631	+·033	Calm		92·5	17 & 18 ,,	76·2	14 & 17 ,,	91·1	77·6	84·4	+1·9	81·2

* Means of 6 days.

Explanation.– Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last [illegible] The *humidity* of the atmosphere is expressed at percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The numbers are the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the [illegible] the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fall

for the week ending Saturday, the 18th of June 1892.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	DISTRICT OBSERVATIONS. Of week. Mean for district.	Of week. Normal mean.	Rainfall. Since 1st of month. Mean for district.	Since 1st of month. Normal mean.	Since 1st of month. Variation.	Since 16th May 1892. Mean for district.	Since 16th May 1892. Normal mean.	Since 16th May 1892. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
88	5·7	0·02		2·11		4·66			6·38			2·44	Puri ...	Puri	Orissa.
80	3·0	1·41											Gopalpore ...		
81	7·6	0·52											False Point ...		
76	7·6	1·62		2·70		5·25			7·75			2·80	Cuttack ...	Cuttack	
86	5·1	4·27		2·27		4·09			7·69			2·78	Balasore ...	Balasore	
88	9·1	3·53	3·20	2·98	7·09	6·45	+0·64	10·06	8·93	+1·13	4·33	3·17	Saugor Island ...	South-West Midnapore; South 24-Parganas ...	South-West Bengal.
85	5·3	3·21	1·82	2·88	4·95	6·71	−1·76	8·01	8·90	−0·89	2·67	2·85	Midnapore ...	Midnapore	
88	7·0	2·19	1·26	2·65	4·00	6·87	−2·87	7·22	9·87	−3·05	2·70	3·23	Calcutta ...	24-Parganas; Howrah ... ...; Hooghly	
84	7·1	1·92	1·53	2·27	4·31	6·16	−1·85	6·73	9·07	−2·34	3·33	2·94	Burdwan ...	Burdwan	
80	5·0	5·02	3·66	3·16	7·02	6·92	+0·10	10·77	9·45	+1·32	3·00	3·20	Bankura ...	Bankura	
85	5·9	5·70	3·35	3·02	7·16	7·03	+0·14	9·38	9·22	+0·16	3·75	3·46	Raniganj ...	Birbhum ... ...; West Burdwan ...	
93	8·3	3·19	1·83	2·61	3·85	6·26	−2·41	7·88	9·80	−1·92	2·07	3·09	Berhampore ...	Murshidabad ...	
85	6·4	1·57	2·05	2·47	3·24	7·00	−3·76	6·25	10·96	−4·71	3·40	3·24	Krishnagar ...	Nadia	
91	8·0	3·38	2·08	3·20	4·71	9·06	−4·35	7·03	12·61	−4·68	4·13	3·84	Jessore ...	Jessore ... ...; Khulna	
87	9·7	2·50	5·32	7·76	7·80	20·66	−12·86	11·14	27·38	−16·24	5·00	4·62	Chittagong ...	Chittagong	East Bengal.
			2·62	4·78	7·33	13·61	−6·28	13·20	19·44	−6·24	3·00	5·50	Demagiri ...	Chittagong Hill Tracts	
90	10·0	4·48	3·85	5·05	7·27	13·33	−6·06	8·83	18·09	−9·26	3·50	4·58	Barisál ...	Backergunge	
91	5·3	6·66	5·13	7·19	8·76	10·53	—	13·88	26·17	−12·29	5·00	4·62	Noakhali ...	Noakhali	
91	6·4	1·00	3·26	2·93	4·95	8·73	−3·78	9·93	13·46	−3·53	4·00	3·82	Faridpur ...	Faridpur	
90	9·1	1·05	1·59	3·01	2·64	9·13	−6·49	8·43	13·50	−5·02	3·00	3·93	Dacca ...	Dacca	
87	6·0	2·05	3·30	3·79	6·62	11·80	−5·18	13·61	16·99	−3·38	4·00	4·32	Comilla ...	Tippera	
92	7·9	2·84	2·63	3·51	5·07	12·25	−7·18	15·62	17·93	−2·31	4·00	4·12	Mymensingh ...	Mymensingh	
91	7·6	1·94	3·76	3·05	6·83	8·49	−1·66	11·39	14·00	−2·61	4·50	3·08	Bogra ...	Bogra	North Bengal.
91	9·3	2·98	2·57	2·60	3·52	7·87	−4·35	9·42	12·26	−2·84	4·00	3·63	Sirajganj ...	Pabna	
86	2·9	2·64	3·94	2·86	6·07	7·22	−1·15	11·07	11·19	−0·12	4·00	3·10	Rampur Boalia ...	Rajshahi	
87	7·0	1·76	1·36	4·18	4·36	8·35	−3·99	5·46	11·27	−5·81	3·00	3·44	Malda ...	Malda	
91	9·0	1·65	1·79	3·94	6·20	9·30	−3·10	8·18	14·05	−5·87	3·00	3·56	Dinajpur ...	Dinajpur	
91	2·9	2·06	2·71	5·75	6·24	15·19	−8·95	15·24	23·01	−7·77	2·50	4·31	Rangpur ...	Rangpur	
94	2·9	4·55	3·47	8·10	7·66	21·59	−13·93	29·48	30·84	−1·36	4·00	5·14	Jalpaiguri ...	Jalpaiguri ... ...; Kuch Bihar	
95	8·6	4·06	6·01	8·70	11·98	19·85	−7·87	24·78	26·79	−2·01	5·00	3·61	Darjeeling ...	Darjeeling Hill Tracts	
89	6·9	0·77	1·66	3·71	8·23	8·22	+0·01	11·53	11·18	+0·35	2·80	3·17	Purnea ...	Purnea ... ...; North Bhágalpur ...	North Bihar.
86	5·7	1·97	1·38	2·83	4·47	5·49	−1·02	5·22	6·76	−1·54	2·67	2·31	Muzaffarpur ...	Muzaffarpur	
84	6·0	2·18	1·65	2·59	6·11	5·38	+0·73	7·55	6·76	+0·79	3·33	2·55	Darbhanga ...	Darbhanga	
82	7·1	2·22	2·94	2·41	6·08	5·05	+1·03	8·34	6·57	+1·77	3·50	2·34	Motihari ...	Champaran	
78	4·6	2·04	2·17	1·76	3·88	3·79	+0·09	4·67	4·90	−0·23	3·67	2·17	Chapra ...	Saran	
72	5·1	2·32											Dehri ...	Shahabad	South Bihar.
79	5·9	0·72	1·76	1·41	4·67	2·83	+1·84	4·93	3·70	+1·23	2·20	1·90	Buxar ...		
81	8·7	1·57											Arrah ...		
86	6·4	2·96	1·38	1·38	4·38	3·38	+1·00	4·63	4·81	−0·18	3·25	1·84	Gaya ...	Gaya	
76	6·7	0·91	1·32	2·15	4·20	3·97	+0·28	4·46	5·42	−0·96	2·25	2·03	Bankipore ...	Patna	
81	7·7	1·13	1·50	2·30	3·95	4·55	−0·60	4·57	6·08	−1·51	2·80	2·57	Bhágalpur ...	South Bhágalpur ...	
84	2·0	1·60	1·64	2·73	3·84	5·95	−2·11	5·84	8·50	−2·66	3·17	3·12		Monghyr	
78	7·8	2·05		2·49		5·24			7·07			2·73	Dumka ...	Sonthal Parganas ...	
84	8·0	5·35	4·17	2·90	9·80	5·48	+4·32	10·58	7·39	+3·19	3·50	3·49	Hazáribágh ...	Hazáribágh	Chota Nagpur.
				1·51		3·44			4·57			2·25	Ranchi ...	Lohardaga	
83	6·7	3·21	4·54	2·58	9·18	5·44	+3·74	10·80	7·11	+3·69	4·00	3·23		Palamau	
			2·80	2·71	5·67	5·56	+0·11	7·86	8·04	−0·18	5·00	3·00		Manbhum	
88	9·4	0·81											Chaibassa ...	Singhbhum	
93	7·8	5·14											Sibsagar	Assam	Assam.
90	9·4	5·61											Dhubri		
													Silchar		

... ten years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater.
... denoting cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean
... past ten years. The means of the district are the numerical average of the rainfall ... in the district, i.e., from total rainfall at the subdivisional ...

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 18th of June 1892.

Meteorological division.	District.	Station.	Rainfall. Sunday, 12th June.	Monday, 13th June.	Tuesday, 14th June.	Wednesday, 15th June.	Thursday, 16th June.	Friday, 17th June.	Saturday, 18th June.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th May 1892.	Average rainfall from 16th May to date.
ORISSA	Puri	Puri	......	......	0·03	0·26	......	......	0·42	2	0·71	2·26	10·97	4·57	10·97	5·86
		Khurda										2·08		5·63		7·87
		Banpur	......	......	0·02							1·49		4·63		5·87
		False Point	......	......	......	0·09	0·04	0·39	......	1	0·52	1·72	14·02	3·82	16·79	6·12
		Gop										?		?		?
		Satpara	......	......	0·06							?		?		?
		Pipli	......	......	0·29	......	0·02					?		?		?
	Cuttack	Jagatsingpore										1·71		3·60		5·20
		Banki	......	......	......	0·01	......	0·82				3·33		5·82		7·63
		Cuttack	......	......	......	0·02	......	0·91	0·85	2	1·78	3·59	6·90	6·06	7·47	10·28
		Kendrapara	0·12	......	......	0·96	......	1·04	1·00	4	3·12	1·79	9·63	4·70	10·17	7·06
		Jajpur	......	......	......	0·28	......	0·18	0·29	3	0·75	3·00	6·30	5·37	7·85	8·53
		Dharmsala	......	......	1·7	...	......	3·35				?		?		?
		Salipore	......	......	......	1·26		1·07				?		?		?
	Balasore	*Akhyapada*	......	......	0·11	0·04	......	0·35	0·12	3	0·62	?	8·20	?	9·02	?
		Chandbali	......	......	......	3·88	......	......	0·90	2	4·78	1·88	15·64	4·18	17·14	7·07
		Bhadrak	......	......	......	0·92	......	0·19	0·87	3	1·98	2·34	14·00	4·73	16·12	8·10
		Sorah	......	......	0·58	......	0·15	1·01	......	3	1·74	2·27	12·77	4·19	16·30	7·27
		Balasore	......	......	......	2·00	0·40	1·46	0·82	4	4·68	2·51	8·15	5·14	10·45	7·91
		Jellasore										2·43		5·41		7·17
		Baripodah										2·16		6·24		8·63
SOUTH-WEST BENGAL.	Midnapore	Contai	0·02	......	......	2·19	0·22	0·67	0·61	4	3·71	2·60	7·84	6·13	10·73	8·58
		Saugor Island	1·07	......	......	0·79	0·74	0·15	0·18	5	3·53	2·80	7·44	6·44	9·13	9·15
		Tamluk	0·06	......	......	0·30	0·32	......	......	2	0·68	3·30	3·83	6·38	7·17	8·93
		Midnapore	0·30	......	......	......	1·00	1·50	0·21	4	3·01	2·47	5·93	6·11	7·99	8·15
		Ghatál	0·05	......	......	0·02	1·05	0·65	......	2	1·77	2·86	5·09	7·03	8·85	9·01
		Kukrahaty	0·11	......	......	......	0·30	0·19	0·17	4	0·77	?	3·53	?	7·34	?
		Garhbeta	......	......	......	0·65	1·75	1·66	0·95	4	5·01	?	8·01	?	10·57	?
	24-Parganas	Diamond Harbour	0·31	......	......	0·20	0·13	0·07	1·66	4	2·37	3·50	6·06	6·76	10·40	9·10
		Canning Town	0·30	......	......	1·00	0·49	......	0·35	4	2·05	?	6·43	?	7·94	?
		Alipore Jail	0·30	......	......	......	1·36	0·15	0·25	4	2·06	2·90	4·95	6·63	9·10	9·98
		Barrackpore	0·15	......	......	0·13	......	......	0·12	3	0·40	2·47	2·91	7·23	4·93	10·34
		Dum-Dum	0·16	......	......	......	0·56	......	0·16	3	0·88	2·89	4·90	7·20	7·71	10·51
		Barasat	......	......	......	......	......	......	0·80	1	0·80	2·75	3·23	6·76	6·33	9·74
		Basirhat	......	......	......	0·52	0·44	......	......	2	0·96	2·56	3·58	7·73	6·34	11·31
	Howrah	Howrah	0·38	......	......	1·45	......	0·99	......	3	2·82	2·69	6·11	6·76	8·61	9·54
		Mohesrekha	0·08	......	......	0·43	0·54	0·12	0·33	4	1·50	2·98	4·80	6·69	7·55	9·18
		Uluberia	0·31	......	......	1·45	0·58	0·16	......	4	2·50	?	5·68	?	9·15	?
	Hooghly	Serampore	0·24	......	......	0·03	......	0·01	0·42	2	0·70	2·31	3·31	6·73	6·45	9·60
		Hooghly	0·11	......	......	......	......	0·08	0·84	2	1·03	2·32	2·27	6·15	5·38	9·30
		Jahánabad	0·29	......	......	0·09	0·03	0·79	0·22	3	1·42	2·64	3·75	6·86	8·03	9·29
	Burdwan	Kalna	0·19	......	0·10	......	......	1·05	0·42	4	1·76	1·55	3·48	6·02	5·94	8·45
		Burdwan	0·16	......	......	......	0·97	0·72	0·07	3	1·92	2·50	6·98	5·39	9·92	8·19
		Katwa	0·28	......	0·02	......	0·40	0·20				2·76		7·07		10·59
		Raniganj	0·07	......	......	......	0·43	3·74	1·46	3	5·70	3·12	10·26	5·97	12·87	7·92
		Mankur	0·23	......	......	......	0·28	......	0·22	3	0·73	?	2·07	?	3·80	?
	Bankura	Bankura	0·02	......	......	......	2·08	2·26	0·66	3	5·02	2·20	8·90	5·81	12·75	8·57
		Bishenpore	......	......	......	......	0·27	1·41	0·36	3	2·04	3·03	5·09	6·85	11·11	9·75
		Maliara	......	......	......	......	0·52	1·80	1·19	3	3·54	3·70	5·29	7·40	6·89	9·77
		Khatra	......	......	......	0·24	2·50	1·30	......	3	4·04	3·02	7·80	7·02	12·29	9·67
		Indas	0·08	......	......	0·11	1·33	0·25	0·02	3	1·79	?	4·18	?	8·03	?
		Kotalpore	......	......	......	0·75	......	1·75	......	2	2·50	?	4·05	?	6·84	?
		Anda	......	......	......	1·25	0·92	0·80	......	3	2·97	?	6·26	?	11·33	?
		Gangajalghati	......	......	......	......	0·49	1·95	2·30	3	4·74	?	7·48	?	9·98	?
		Raipore	......	......	......	......	3·15	0·98	0·15	3	4·28	?	7·13	?	9·44	?
		Sonamukhi	......	......	......	......	0·61	2·72	......	2	3·33	?	5·90	?	9·41	?
	Birbhum	Sh. Suri	0·40	......	......	0·16	0·65	0·10	3·65	5	4·96	3·03	10·46	6·81	12·61	9·20
		Hetampore	0·27	......	......	0·47	......	0·13	0·41	4	1·28	3·24	4·45	8·61	6·45	10·37
		Rampur Hát	0·68	......	......	......	0·11	0·06	0·64	3	1·47	2·67	3·46	6·72	5·53	9·29
		Bolpore	1·60	......	......	......	0·06	......	1·90	2	3·56	?	6·81	?	8·40	?
		Murarai	1·20	......	......	......	0·12	......	1·00	3	2·32	?	6·94	?	11·69	?
	Nadia	Ranaghat	0·81	......	......	0·12	......	0·17	0·10	4	1·20	2·51	4·13	6·97	6·74	10·32
		Krishnagar	0·63	......	0·05	0·11	0·09	......	0·69	3	1·57	2·05	2·64	5·89	3·08	9·00
		Chuadanga	1·40	......	......	......	0·10	0·53	0·04	3	2·16	2·36	3·01	6·87	7·11	11·63
		Meherpore	1·25	......	......	......	0·08	1·95	0·32	3	3·60	2·76	4·26	7·50	7·58	11·21
		Kushtia	0·47	......	0·24	0·03	0·04	0·53	0·33	4	1·64	2·65	2·18	7·75	6·86	12·45
	Khulna	Satkhira	0·42	......	......	0·70	1·08	0·04	0·40	4	2·64	4·05	4·10	9·28	6·57	12·61
		Bágerhat	0·60	......	......	0·89	0·74	......	......	3	2·18	3·83	6·04	10·39	8·61	13·77
		Khulna	0·62	......	......	0·63	0·23	0·31	0·75	5	2·54	3·90	5·82	9·64	8·84	12·71
		Nakipur	1·30	......	......	3·33	0·97	......	0·62	4	6·17	?	8·90	?	12·23	?
		Rampal	0·80	......	......	0·34	0·80	0·19	0·10	5	2·23	?	5·32	?	7·69	?
	Jessore	Narail	0·30	......	......	0·24	1·55	1·94	0·44	5	4·47	2·97	6·06	8·29	9·72	11·53
		Jessore	0·65	......	......	0·08	1·70	0·89	0·15	4	3·38	3·13	6·12	9·57	9·96	13·53
		Jhenidah	0·66	......	......	0·45	1·30	0·09	0·09	3	2·59	3·11	3·66	9·95	7·19	13·56
		Magura	0·20	......	0·05	0·29	0·10	0·50	1·15	5	2·29	2·60	3·35	8·27	7·25	12·56
		Bangaon	0·25	......	......	......	0·28	0·24	0·55	4	1·32	2·75	2·37	7·23	5·29	10·60
	Murshidabad	Kandi	0·20	......	......	......	0·45	0·53	0·06	3	1·24	2·70	3·70	6·76	5·02	9·71
		Berhampore	1·29	......	0·24	......	1·22	0·44	......	4	3·19	2·38	5·00	6·60	8·57	10·11
		Lalbagh	0·92	......	......	......	0·27	0·69	0·07	3	1·95	1·87	4·15	5·17	10·67	9·12
		Azimgunge	......	......	......	......	0·72	0·22	......	2	0·94	3·06	3·19	6·49	8·12	10·66
		Jangipur	1·65	......	......	......	0·40	0·06	......	2	2·11	3·22	4·27	5·92	7·96	9·84
		Lalgola	1·30	......	......	......	......	0·25	......	2	1·55	2·62	2·70	6·61	6·65	10·49
		Akhriganj	0·48	......	0·35	0·03	0·11	0·16	0·20	5	1·33	?	3·19	?	6·23	?
		Patkabari	0·30	......	......	......	1·00	1·00	0·20	4	2·50	?	3·76	?	6·10	?
EAST BENGAL	Chittagong	Cox's Bazar	2·08	0·14	0·39	0·60	0·75	3·50	0·41	7	7·86	9·01	12·14	23·99	17·36	30·60
		Chittagong	0·10	......	0·02	0·06	1·75	0·74	......	3	2·67	6·50	3·44	17·32	4·90	24·15
		Kutubdia	1·14		0·07							?		?		?
		Satkania	0·46	......	0·04	0·10	3·54	1·28				?		?		?
	Chittagong Hill Tracts.	Rangamati	0·09	......	......	......	1·35	0·26	0·92	3	2·62	4·78	7·33	13·61	13·20	19·44
		Bundarban	0·54	0·80								?		?		?
	Backergunge	Patuakhali	1·15	0·90	......	......	1·95	1·30	0·08	4	5·38	5·38	8·92	15·71	10·02	21·39
		Pirojpur	0·60	......	......	0·71	0·44	0·34	......	4	2·09	4·12	6·12	10·86	8·22	14·66
		Barisal	2·68	......	......	0·06	0·82	0·60	0·05	3	4·21	4·90	6·66	11·71	8·96	16·09
		Gournaddi	0·31	......	......	0·62	0·41	0·12	......	4	1·46	?	2·71	?	5·13	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 18th of June 1892—contd.

Meteorological division.	District.	Station.	Rainfall. Sunday, 12th June.	Monday, 13th June.	Tuesday, 14th June.	Wednesday, 15th June.	Thursday, 16th June.	Friday, 17th June.	Saturday, 18th June.	Total— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th May 1892.	Average rainfall from 16th May to date.
EAST BENGAL—concld.		Bhola ...	2·15	......	......	0·05	1·11	0·46	......	3	3·77	5·79	7·40	15·02	8·11	20·16
		Daulatkhan ...	1·50	......	......	......	0·52	0·27	0·15	4	2·44	?	5·45	?	9·38	?
		Batiphal ...	1·45	......	......	......	2·49			3	3·94	?	7·74	?	12·69	?
	Noakhali ...	Noakhali ...	2·38	0·12	......	......	1·30	2·02	0·55	5	6·87	7·50	10·85	18·14	14·41	24·46
		Fenny ...	0·67	......	......	0·17	0·30	1·97	0·27	5	3·38	6·87	6·66	20·95	13·35	27·85
		Harishpore ...	0·75	......	......	0·08						?		?		?
		Ramganj ...	2·23	......	......	......	0·95	0·18	0·24	4	3·60	?	5·34	?	7·42	?
	Faridpur ...	Madaripur ...	0·75	......	......	......	0·59	0·57	1·58	4	3·49	3·29	5·56	9·33	9·46	13·90
		Faridpur ...	0·10	......	......	......	0·15	0·86	0·45	4	1·56	2·89	2·74	8·60	8·47	14·11
		Goalundo ...	0·04	......	......	0·29	0·45	1·83	2·18	4	4·73	2·62	6·75	8·26	11·85	12·39
	Dacca ...	Munshiganj ...	1·28	......	......	0·31	0·31	0·19	......	4	2·07	3·56	3·70	11·06	10·19	16·22
		Dacca ...	0·49	......	......	......	0·12	0·17	......	3	0·79	3·33	1·62	9·56	8·27	13·99
		Narainganj ...	1·23	......	......	0·06	0·91	0·16	......	3	2·36	2·83	3·47	8·98	[illegible]	12·82
		Manikganj ...	0·05	0·01	......	0·05	0·05	0·62	0·35	2	1·13	2·33	1·75	6·92	6·33	11·00
		Joydebpore ...	0·16	0·01	......	0·42	0·38	0·48	0·65	5	2·10	?	2·77	?	7·69	?
	Hill Tippera	Agartola ...	0·61	......	......	......	0·45	0·20	0·20	4	1·46	3·57	4·68	10·41	11·92	15·70
	Tippera ...	Comilla ...	0·74	......	......	......	0·58	0·37	0·04	3	1·74	4·16	4·29	13·65	10·28	10·53
		Chandpore ...	5·12	......	......	0·56	1·03	1·28				4·15		11·43		15·77
		Brahmanbaria	0·56	0·28	......	......	0·20	0·75	0·20	5	1·99	3·30	4·43	11·70	13·15	16·90
		Ramchandrapore ...	0·03	......	......	......	1·08	0·01	......	1	1·12	?	1·41	?	4·57	?
		Nasirnagar ...	......	......	......	......	0·70	0·35				?		?		?
		Daudkandi ...										?		?		?
		Kasba ...										?		?		?
		Laksham ...	1·55	......	......	......	0·50		0·55	3	2·60	?	5·95	?	9·90	?
	Mymensingh...	Kishorganj ...	1·03	......	......	0·07	......	0·91	0·04	3	2·05	3·98	5·51	14·34	18·29	20·14
		Atia (*Tangail*)	......	......	......	0·85	0·46	......	0·87	3	2·18	2·57	2·22	9·06	9·11	12·86
		Mymensingh ...	0·37	0·37	......	......	0·51	0·18	1·51	5	2·94	3·98	6·22	13·27	17·40	20·25
		Jamalpur ...	0·44	......	......	......	1·08	0·95	0·25	4	2·72	3·27	4·05	10·35	10·18	15·10
		Netrokona ...	0·80	0·49	......	1·03	0·50	0·18	0·48	6	3·48	3·75	6·78	14·24	23·14	21·30
		Suborhakhally	0·62	......	......	......	0·18	......	0·94	3	1·74	?	3·19	?	7·28	?
		Durgapore ...	0·90	......	......	......	2·85	1·20	1·44	4	6·39	?	11·76	?	26·84	?
		Sherepore Town	0·33	......	......	0·53	0·11	0·91	0·43	5	2·31	?	5·24	?	13·55	?
		Dewanganj ...	......	......	......	0·94	0·31	0·85				?		?		?
NORTH BENGAL.	Pabna ...	Pabna ...	0·82	......	......	0·62	0·07	0·45	0·90	4	2·16	2·69	2·94	7·97	7·91	12·02
		Sirajganj ...	0·70	......	......	......	0·55	0·63	1·10	4	2·98	2·01	4·09	7·76	10·93	12·68
	Bogra ...	Sherepore ...	0·50	......	......	1·00	0·55	0·15	1·88	5	4·08	3·77	6·48	8·66	10·99	14·32
		Nowkhilla ...	0·02	......	......	......	0·30	3·60	0·30	4	4·22	2·95	5·98	8·77	11·47	13·81
		Bogra ...	0·17	......	......	0·40	0·33	0·07	0·37	5	1·34	2·97	5·48	9·17	10·54	15·00
		Panchbibi ...	1·80	......	......	0·72	0·07	1·45	0·67	4	4·21	2·51	9·43	7·34	12·56	12·84
	Rajshahi ...	Boalia ...	1·56	......	0·07	......	0·21	0·76	0·03	3	2·63	2·33	3·05	6·57	6·70	9·93
		Nator ...	1·20	......	0·60	1·25	0·40	2·72	0·35	6	6·34	2·53	8·17	7·02	15·73	10·83
		Naogaon ...	......	......	......	......	0·54	0·47	1·84	3	2·85	3·72	7·00	8·06	10·79	12·79
		Lalpore ...	......	......	......	......	0·86	......	......	1	0·86	?	3·19	?	8·31	?
		Manda ...	0·20	......	......	0·21	0·16	0·25	......	4	0·82	?	5·29	?	8·29	?
	Malda ...	Malda ...	0·20	......	......	0·43	0·02	0·93	0·18	4	1·76	3·79	4·89	8·02	5·82	10·88
		Chanchal ...	0·09	......	......	......	0·37	0·48	0·04	3	0·98	4·56	3·81	8·69	5·12	11·64
		Gajol ...	0·16	......	......	......	......	0·76	......	2	0·92	?	7·67	?	9·65	?
		Sibganj ...	0·90	......	......	......	0·67	0·30	0·10	4	1·97	?	3·64	?	7·76	?
	Dinajpur ...	Mohadebpore	0·30	......	......	......	0·84	0·30	0·77	4	2·21	3·48	7·16	9·34	9·56	14·07
		Churamon ...	......	......	......	......	......	1·51	......	1	1·51	3·25	5·31	7·76	7·52	11·39
		Raigunge ...	0·23	......	......	0·26	0·32	2·30	0·05	4	3·16	5·43	6·75	10·46	10·03	14·57
		Dinajpur ...	0·07	......	......	0·08	0·15	0·22	0·66	3	1·18	4·58	7·30	11·42	9·26	16·67
		Balurghat ...	......	......	......	0·23	......	0·25	0·41	3	0·89	2·98	4·47	7·54	6·14	13·52
		Thakoorgaon	0·20	......	......	......	......	1·43	......	2	1·63	?	10·79	?	18·08	?
	Rangpur ...	Bhawanigunge (*Gyabanda*)	......	......	......	0·20	......	......	3·00	2	3·20	4·56	5·63	11·61	15·09	17·45
		Rangpur ...	0·91	......	......	0·43	......	0·31	0·41	4	2·06	5·35	5·85	14·01	15·86	21·38
		Kurigram ...	0·14	......	......	......	......	......	3·05	2	3·19	5·57	7·49	16·87	14·66	25·99
		Bagdogra (*Nilphamar*)	0·08	......	......	0·15	......	0·03	0·12	2	0·38	7·52	4·00	18·27	13·45	26·94
		Ulipore ...	......	......	......	......	......	0·12	2·48	2	2·60	?	7·15	?	21·69	?
	Jalpaiguri ...	Jalpaiguri ...	0·12	......	1·68	0·46	0·26	2·76	0·97	6	6·25	6·97		19·97		28·56
		Alipore Dooar	0·45	......	1·10	1·04	......	1·46	0·21	5	4·26	?	10·56	?	30·39	?
		Fallacotta ...	......	......	1·12	0·25	......	0·72	0·49	4	2·58	?	3·89	?	24·73	?
		Debiganj ...	0·08	......	......	......	......	0·31	0·65	2	1·04	?	11·51	?	19·94	?
		Bhagatpore (Nagrakatta)	0·07	0·17	2·53	0·94	......	0·50	1·56	5	5·77	?	11·16	?	38·97	?
	Kuch Bihár ...	Dinhatta ...	0·13	......	0·09	0·55	......	0·04	0·65	3	1·46	6·77	9·87	20·65	35·65	30·80
		Kuch Bihár ...	......	......	0·82	0·82	......	0·37	0·50	4	2·51	9·19	7·33	26·40	36·42	36·17
		Mickilgunge ...	......	......	0·21	2·78	......	0·97	1·22	4	5·18	7·39	9·37	18·67	28·76	27·55
		Mathabhanga	0·03	......	......	0·45	......	0·94	0·55	3	1·97	10·06	8·42	22·22	23·41	31·01
	Darjeeling Hill.	Buxa ...	0·26	0·86	2·56	0·94	1·42	0·95	1·06	7	8·05	11·81	13·89	30·76	38·24	43·22
		Silliguri ...	0·55	......	0·84	......	0·33	4·65	2·15	5	8·52	9·46	11·92	19·49	23·12	26·50
		Darjeeling ...	2·16	......	0·02	0·10	0·06	0·46	1·26	4	4·06	7·64	15·16	16·75	23·44	21·88
		Kalimpong ...	0·37	......	......	0·83	......	0·54	1·67	4	3·41	6·00	7·70	12·39	15·04	15·40
		Kurseong ...	2·30	......	0·52	4·36	0·63	0·50	1·22	6	9·73	?	18·99	?	26·23	?
NORTH BIHÁR	Purnea ...	Kishanganj ...	0·22	......	......	0·03	......	0·40	0·60	3	1·24	4·95	5·97	11·30	10·84	15·47
		Araria ...	0·40	......	......	......	......	2·25	1·10	3	3·75	4·40	14·73	8·86	18·71	12·09
		Puruba ...	0·58	......	......	0·11	......	0·07	0·01	4	0·77	3·58	4·07	8·26	8·49	11·32
		Gondwara (Korah) ...	......	......	......	0·06	......	0·32	1·07	3	1·45	?	6·45	?	9·17	?
		Barsoe ...	......	......	......	......	......	0·51	0·18	2	0·69	?	7·20	?	10·64	?
		Forbesganj ...	0·25	......	......	......	......	0·07	......	1	0·32	?	8·34	?	13·72	?
		Kaliaganj ...	0·28	......	1·72	......	......	0·84	0·14	4	2·98	?	8·79	?	18·58	?
	North Bhágalpur.	Madhipura ...	0·20	......	......	......	......	......	0·60	2	0·80	2·83	8·02	6·12	9·72	8·18
		Bongaon (Sufubad) ...										?		?		?
		Supaul ...	0·12	0·40	......	0·29	......	......	0·82	4	1·63	3·79	8·01	6·51	10·43	8·85
		Protabganj ...	......	......	......	......	......	......	......	Nil	Nil	?	7·69	?	11·60	
	Darbhanga ...	Taipur ...	......	0·35	......	0·33	0·60	......	0·08	3	1·35	2·88	6·00	5·23	6·50	6·34
		Darbhanga ...	......	0·12	......	0·66	0·35	1·03	......	4	2·16	2·46	5·74	5·23	7·71	5·60
		Madhubani ...	......	0·09	......	0·30	0·06	0·04	0·35	3	1·44	2·42	6·59	5·67	8·43	7·33
		Bahera ...	......	......	......	0·50	2·95	......	......	2	3·45	?	8·21	?	8·81	?
		Roshera ...	......	......	......	0·07	0·90	......	......	1	0·97	?	3·16	?	3·23	?
	Muzaffarpur...	Sitamarhi ...	......	......	0·08	0·57	......	0·26	0·77	3	1·68	2·43	5·51	6·08	6·77	7·38
		Muzaffarpur	......	0·19	......	0·97	0·07	......	0·24	3	1·47	3·13	5·16	5·34	5·80	6·77
		Hajipur ...	......	......	0·34	0·01	0·67	0·01	0·02	2	1·05	2·92	2·74	5·02	3·00	6·10
		Paru ...	0·17	......	1·15	0·50	1·06	......	0·12	5	3·00	?	4·37	?	5·72	?
		Mahua ...	......	0·12	......	......	3·40	1·10	......	3	4·62	?	8·86	?	9·24	?
		Siuhar ...	......	......	......	0·40	0·66	......	0·60	3	1·66	?	4·71	?	5·61	?
		Pupri ...	......	0·10	......	......	1·05	......	1·20	3	2·35	?	9·15	?	9·83	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 18th of June 1892.—concld.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 12th June.	Monday, 13th June.	Tuesday, 14th June.	Wednesday, 15th June.	Thursday, 16th June.	Friday, 17th June.	Saturday, 18th June.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th May 1892.	Average rainfall from 16th May to date.
NORTH BIHÁR —concluded.	Champaran ...	Motihari ...	......	......	......	0·36	0·56	0·18	1·12	4	2·22	2·45	7·24	4·85	10·58	6·49
		Bettiah ...	......	......	1·00	2·03	0·61	......	......	3	3·64	2·36	4·91	5·23	8·08	6·63
		Bagaha ...	......	0·84	0·63	1·66	......	......	......	3	3·13	?	4·11	?	4·93	?
		Burhurwa ...	......	0·02	0·74	0·20	5·03	0·35	......	4	6·34	?	6·59	?	7·16	?
	Saran ...	Gopalganj ...	0·10	......	2·03	0·27	0·88	0·15	......	5	3·43	1·35	3·89	3·36	4·79	4·53
		Siwán ...	......	0·30	0·30	0·32	0·05	......	......	3	0·97	2·19	2·61	4·63	?	5·78
		Chapra ...	0·03	......	......	0·34	0·19	1·55	......	3	2·11	1·75	5·25	3·30	6·47	4·38
SOUTH BIHÁR	Shahabad ...	Buxar ...	0·34	......	......	0·32	0·06	......	......	2	0·72	1·56	3·52	2·88	3·67	3·53
		Dehri ...	0·31	......	0·05	1·82	0·05	0·09	......	2	2·32	1·60	6·90	2·90	7·04	4·04
		Bhabhua ...	0·42	0·01	0·02	0·33	0·01	......	......	2	0·79	1·15	3·79	2·38	4·08	3·01
		Sasarám ...	0·47	......	0·62	2·74	......	......	......	3	3·84	1·22	6·83	2·51	6·83	3·27
		Arrah ...	0·05	......	0·72	......	0·39	......	......	2	1·16	1·50	2·76	3·48	3·46	4·61
		Mohaniah ...	0·44	......	......	0·50	......	......	......	2	0·94	?	1·88	?	1·88	?
		Khiri ...	1·15	......	0·60	......	0·46	......	......	3	2·21	?	6·84	?	6·84	?
		Ageaon ...	0·20	......	0·54	......	......	......	......	2	0·74	?	2·60	?	2·60	?
		Rammagor ...	0·20	0·03	......	1·32	0·64	0·26	......	4	2·45	?		?		?
		Koath ...	......	......	0·21	0·13	0·06	......	......	2	0·40	?	1·05	?	1·05	?
		Sikroul ...										?		?		?
		Bassowan ...	0·42	......	0·82	......	......	......	......	2	1·24	?	4·81	?	4·81	?
		Monaharpur														
	Gaya ..	Aurangabad ...	0·15	0·14	0·38	0·16	0·29	......	......	5	1·12	1·25	5·00	3·40	5·06	4·72
		Gaya ...	0·27	0·07	......	0·63	1·99	......	......	3	2·96	1·47	4·92	3·96	5·40	5·38
		Nawádah ...	0·17	......	......	0·15	0·17	0·75	......	4	1·24	1·50	6·32	3·05	6·70	4·54
		Jahánabad ...	0·21	......	......	......	......	......	......	1	0·21	1·31	1·28	3·10	1·28	4·59
		Arwal ..	0·10	0·03	......	0·45	......	......	......	2	0·58	?	2·36	?	2·36	?
		Daudnagar ...	......	......	0·25	0·50	1·05	......	......	3	1·80	?	3·75	?	3·75	?
		Sherghati ...	0·14	......	......	1·07	0·29	0·23	......	4	1·73	?	3·43	?	3·41	?
		Rajauli ...	0·10	......	......	0·50	1·40	......	0·10	4	2·10	?	3·75	?	3·82	?
		Pakri Barawan	0·03	......	......	......	0·45	......	1·50	2	1·98	?	2·96	?	3·11	?
	Patna ...	Patna ...	......	......	0·32	0·05	0·53	......	......	2	0·01	2·27	3·79	4·49	4·24	5·99
		Dinapore ...	......	......	......	0·10						2·11		3·98		5·16
		Bihár ...	0·30	......	......	......	0·13	......	1·62	3	2·05	2·47	4·15	4·18	4·55	5·81
		Barh ...	0·10	......	......	......	1·42	......	0·03	2	1·55	1·73	5·50	3·21	5·50	4·63
		Bickram ...	0·60	......	......	......	0·15	......	......	2	0·75	?	2·10	?	2·30	?
		Hilsa ...	0·11	......	......	0·07	......	0·15	......	2	0·33	?	1·93	?	2·73	?
	Monghyr ...	Begusarai ...	0·13	......	......	0·33	0·64	......	0·55	4	1·65	2·81	3·23	4·39	3·50	5·76
		Monghyr .	0·07	0·15	......	......	......	0·81	0·03	2	1·06	1·98	4·27	4·22	4·57	5·90
		Jamui ...	0·10	......	......	......	......	1·21	1·20	3	2·51	2·10	5·02	3·74	6·17	5·10
		Gopri ...										?		?		?
		Sheikpura ...	......	......	......	0·36	1·32	0·40	0·11	4	2·19	?	3·08	?	3·23	?
	South Bhágalpur.	Bhágalpur ...	0·81	......	......	......	0·21	......	0·11	3	1·13	2·74	4·31	5·57	4·64	7·19
		Banka ...	0·10	......	......	......	1·03	......	......	2	1·13	2·69	2·87	4·87	3·97	6·51
		Kolhong ...	0·39	......	......	0·24	0·54	0·24	0·55	5	1·96	?	5·35	?	5·89	?
	Sonthal Parganas.	Rajmahal ...	0·11	......	0·77	......	......	......	......	2	0·88	3·47	3·83	6·86	4·58	9·78
		Godda ...	0·25	......	0·08	0·37	0·17	0·05	0·07	3	0·99	2·46	3·26	4·55	4·57	6·86
		Pakour ...	0·57	......	......	......	0·60	......	0·65	3	1·82	3·13	2·96	7·05	6·71	10·79
		Naya Dumka	0·05	......	0·11	......	0·38	0·11	0·95	4	1·60	2·81	3·85	6·25	6·47	8·50
		Deoghur ...	......	......	......	......	0·12	1·92	0·18	3	2·22	2·34	4·75	5·33	5·71	7·14
		Jamtara ...	0·03	......	1·07	......	0·68	0·30	0·22	4	2·30	2·45	4·42	5·58	7·00	7·90
		Belbodda ...	......	......	0·80	......	......	......	......	1	0·80	?	4·68	?	?	?
		Nanihat ...	......	......	0·50	......	......	......	0·62	2	1·12	?	2·33	?	?	?
CHOTA NAGPUR.	Hazáribágh ...	Pachamba (Giridi). ...	0·19	......	......	0·13	1·18	......	1·56	4	3·06	2·81	4·87	5·68	6·04	7·54
		Hazáribágh ..	0·16	......	......	0·49	1·28	0·12	......	4	2·05	2·06	2·85	4·48	9·73	6·38
		Semtagurah .										2·03		4·87		6·79
		Mahudi Hills										1·57		4·68		6·52
		Jhoomra Hills										3·93		6·50		8·14
		Barhi ...	0·12	......	......	0·68	0·56	0·41	......	4	1·77	?	5·13	?	5·79	?
		Chatra ...	......	......	......	0·20	0·96	0·39	......	3	1·55	?	6·28	?	6·53	?
		Karagdeha .	0·30	......	......	0·06	2·30	0·40	......	3	3·06	?	6·57	?	7·54	?
		Ramghar ...	......	......	......	1·65	0·82	......	......	2	2·47	?	6·47	?	8·47	?
	Lohardaga ...	Lohardaga ...	......	......	1·35	2·35	0·60	......	......	3	4·30	3·27	9·02	5·12	9·47	6·98
		Ranchi ...	0·14	......	......	1·90	1·75	0·25	......	4	4·04	2·54	10·59	5·83	11·70	7·80
		Silli ...	......	......	......	2·53	4·87	0·25	0·05	3	7·70	?	11·00	?	?	?
	Palámau ...	Palámau ...	0·06	0·05	0·05	0·20	0·27					1·51		3·44		4·57
		Balumat	......	......	......	0·84	1·63	0·09				?		?		?
		Hosseinabad	0·15	0·03	0·07	0·02	1·03	......	......	2	1·30	?	6·96	?	7·96	?
		Garwah ...	......	......	0·70	0·17						?		?		?
	Singbhum ...	Chaibassa ...	0·32	......	......	0·62	0·62	1·07	0·17	5	2·80	2·71	5·67	5·56	7·86	8·04
		Chakradharpore.										?		?		?
		Ghatsilla ..	......	......	......	0·80	0·95	0·35	1·10	4	3·20	?	5·63	?	7·47	?
		Baharagura	......	......	......	......	1·04	......	1·40	2	2·44	?	6·66	?	8·05	?
	Manbhum ...	Purulia ...	0·25	......	0·77	0·50	4·06	1·60	0·10	6	7·22	2·53	10·71	5·71	12·45	7·62
		Gobindpur ..	0·04	......	0·07	......	1·12	0·07	0·56	2	1·86	2·03	7·65	5·17	9·14	6·89
		Raghunathpore	......	......	0·03	......	1·31	0·06	......	1	1·40	?	5·18	?	7·00	?
		Barrabhum	0·09	......	......	2·10	2·01	1·80	1·35	4	7·35	?	11·58	?	12·60	?
		Jhalda ...	......	......	......	1·70	5·60	0·17	......	3	7·47	?	13·04	?	14·06	?
		Chas ...	0·23	......	......	......	0·82	......	0·38	3	1·43	?	5·14	?	6·97	?
		Pandra ...	0·05	......	0·24	......	0·06	......	0·13	2	0·48	?	6·04	?	7·03	?

Explanation.—......indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen

CALCUTTA, *the 21st June* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 18TH OF JUNE 1892.

THE principal feature in the meteorology of the previous week had been the formation of a cyclone in the north-west angle of the Bay, and its advance first in a northerly direction, then in a north-westerly and finally in a west-north-westerly direction. The centre of the storm had crossed the coast between Saugor Island and Balasore on the early morning of the 10th instant, and on the 11th instant, or the last day of the previous week, the centre was in the extreme south-west of Chota Nagpur. From the 11th to the 12th it continued its north-westerly advance, and the centre at 8 a.m. of the 12th was close to Sutna. At this time its forward movement practically ceased, and on the 13th the centre was still close to Sutna and the storm itself was quickly filling up, and by the morning of the 14th the cyclone had practically filled up and disappeared after having had a life history of about six or seven days. The storm probably rapidly decreased in intensity immediately it began to advance over the land, and particularly when it had to advance through the hills in the south of Chota Nagpur. Strong winds, however, generally prevailed over the province for the first three or four days of the week, and gales of wind were reported from such stations as Hazáribágh and Patna, and later on from several stations in the North-West Provinces and Central Provinces. The storm in its advance naturally brought up a wave of humid winds to Bengal, and for several days in the week fairly general rain was received over the whole province, the rainfall being heaviest on the 12th, 15th, 16th, and 17th, while towards the close of the week the rain-bearing current appeared to diminish in strength, and rainfall became rather lighter. With the inland advance and partial filling up of the storm there was a rapid rebound of pressure in Bengal, and by the 12th even, pressure was considerably in excess of the normal, the rise on this day at many stations exceeding a tenth of an inch. From this date, however, pressure began to fall slowly until the 15th, when there was again a moderate rise; but on the 16th, owing to an increase of pressure having taken place at the north-western stations and a general fall elsewhere, which was moderately large in the centre and south-east of the province, a feeble barometric depression began to show itself over Central Bengal, which was accompanied by a feeble cyclonic circulation of winds with a centre near Berhampore. This feeble depression continued to exist on the 17th, but on the 18th it had almost entirely disappeared, though there was still a feeble circulation of winds over the province. These conditions rather tended to confine the heavy rainfall on the 17th and 18th to the eastern and northern districts, and thus at the close of the week a partial break of the rains was setting in over such districts as Bihár, Chota Nagpur, &c.

Pressure.—With the rapid rebound of pressure which took place in the early part of the week, the mean pressure of the province for the week has been in excess of the normal by amounts which range from nearly a tenth of an inch in Orissa to a general excess of about 0·04" or 0·05" in the north of the province.

Temperature.—With the moderate to heavy rain which has fallen during the week, temperature has been abnormally low, and thus Chota Nagpur shows a mean defect of 7·1° for the week and South Bihár one of 5·1°. General defects of from 2° to 3° have been recorded in Orissa, South-West Bengal, and North Bihár; but, on the other hand, slight excess temperatures have been registered in East and North Bengal, and in Assam the excess rises up to 1·1°.

Rainfall.—General average falls of about three inches are reported in East and North Bengal and Chota Nagpur, a fall of two and-a-quarter inches in South-West Bengal, and of from one to two inches in Orissa and Bihár. The only division in which the falls have been in excess of the normal has been Chota Nagpur, with an excess of 17 per cent. In the other divisions, notwithstanding the rather heavy falls during the week, the defects have been rather large, and thus in South-West Bengal, South Bihár, and East Bengal, defects of aboute 20 to 25 per cent. have been registered, in North Bihár and North Bengal the defects have equalled from 35 to 40 per cent., while in Orissa the very large deficiency of 53 per cent. is registered. Thus taking these divisions to have an equal value in the calculation, the rainfall of the province for the week has been about 26 per cent. below the normal.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 18th of June 1892:—

Meteorological Divisions.	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since [illegible] 1892.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	96·4	73·1	90·1	78·1	84·1	−2·2	1·10	2·37	−1·27	2·00	2·69	−0·69	8·04	4·99	9·16	7·86
South-West Bengal ...	97·1	75·1	90·1	78·6	84·4	−2·4	2·24	2·83	−0·59	3·40	3·30	+0·10	4·84	7·13	8·03	10·20
East Bengal	92·1	71·9	87·3	78·0	82·7	+0·4	3·15	4·34	−1·19	3·70	4·30	−0·60	5·65	13·26	11·67	18·58
North Bengal	96·6	75·1	90·0	78·0	84·0	+0·8	2·80	4·72	−1·92	3·56	3·87	−0·31	6·09	12·13	14·25	18·11
North Bihár	96·8	74·2	91·5	77·9	84·8	−2·5	1·81	2·81	−1·00	3·13	2·61	+0·52	5·98	5·96	7·76	7·77
South Bihár	98·2	74·5	89·5	78·5	84·0	−3·1	1·55	2·07	−0·52	2·70	2·36	+0·34	4·38	4·25	5·13	5·87
Chota Nagpur	95·4	68·4	85·7	73·3	79·5	−7·1	2·95	2·51	+0·44	4·10	2·94	+1·16	7·13	5·18	8·39	6·99
Assam	92·6	76·0	89·8	77·8	83·8	+1·1										

Meteorological Office, Bengal,
The 21st June 1892.

A. Pedler,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 12th to 18th June 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature.						Hygrometry.			Rainfall at 10 A.M. for past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches.
June ...	12th ...	29·678	84·9	91·0	12·2	78·8	86·6	82·5	1·058	81·0	84	0·10
„ ...	13th ...	·607	87·2	95·0	15·7	79·3	89·6	84·5	1·118	82·6	81	...
„ ...	14th ...	·586	88·0	95·0	14·0	81·0	92·4	84·5	1·078	81·5	71	...
„ ...	15th ...	·630	81·4	84·9	7·1	77·8	79·6	79·0	·986	78·8	98	1·34
„ ...	16th ...	·628	81·8	88·0	12·4	75·6	79·4	77·5	·917	76·6	91	0·91
„ ...	17th ...	·594	83·5	91·2	15·4	75·8	88·8	80·5	·999	78·9	85	...
„ ...	18th ...	·552	84·6	92·3	15·5	76·8	87·1	81·0	·978	78·6	78	...

	Inches.
The mean 10 A.M. pressure of the seven days	29·610
	°
The mean temperature of the seven days	84·5
The extreme variation of temperature	19·4
The maximum temperature	95·0
	%
The mean 10 A.M. relative humidity of the seven days	84
	Inches.
The total fall of rain from 12th to 18th June 1892	2·35

The daily mean temperatures are the crude means of maximum and minimum temperatures.

J. H. Gilliland,
For Meteorological Reporter to the Govt. of India.

Meteorological Office, India;
The 20th June 1892.

Results of the Meteorological Observations taken at the Alipore Observatory from 12th to 18th June 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature.				Hygrometry.				Wind.		Rain.	Weather.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction	Miles recorded.		
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
June	12th	137·5	1·7	29·616	84·8	89·8	10·8	79·0	81·3	1·022	79·9	85	SSW and S ...	113	Not measureable.	Chiefly cloudy, o.
„	13th	147·3	8·0	·562	86·3	92·6	13·2	79·4	82·2	1 046	80·6	84	SSW and S ...	153	Nil	Partially cloudy, t, ⌓.
„	14th	153·7	4·9	·557	86·0	92·6	11·3	81·3	81·5	1·013	79·6	81	SSE and SSW ...	165	„	Chiefly cloudy, o, g, lr.
„	15th	113·7	Nil	·577	81·6	83·2	5·4	77·8	78·9	0 954	77·8	88	WSW and SSE ...	137	0·67	Cloudy, o, g, d, p.
„	16th	143·4	2·0	·565	81·3	85·9	10·2	75·7	78·6	·944	77·5	88	WSW and W ...	160	0·98	Chiefly cloudy, o, g, d, p.
„	17th	151·5	1·7	·555	81·1	89·6	12·1	77·5	78·3	·933	77·1	88	WNW and variable.	124	0·26	Chiefly cloudy, o, g, d, p.
„	18th	144·3	5·1	·530	84·5	90·7	13·8	76·9	79·3	·932	77·1	78	SW by S and SSW	99	Nil	Partially cloudy, o.

	Inches.
The mean pressure of the seven days	29·566
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·535
	Hours.
The total number of hours of bright sunshine	23·4
The maximum possible number of hours of sunshine	94·2
	°
The mean temperature of the seven days	83·7
The average temperature of the corresponding period for 24 years, S.-G.'s Office	84·5
The extreme variation of temperature	16·9
The maximum temperature	92·6
	Miles.
The highest velocity of the wind in one hour	15
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	85
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	83
	Inches.
The total fall of rain from 12th to 18th June 1892	1·91
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	3·51
The total fall from 1st January to 18th June 1892	11·29
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	16·42

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; d, drizzling rain; p, passing temporary showers; t, thunder; lr, lightning reflection; ⌓, dew.

J. H. GILLILAND,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;

Calcutta, the 20th June 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 28th May 1892.

1	2	3			4			5			6	7							8							9	10		11		12
		POPULATION.			BIRTHS.							MORTALITY ACCORDING TO—																			
												Diseases.															Sex.				
					Number of—			Ratio per 1,000 of population per annum.				Deaths from—							Ratio per 1,000 of population per annum.								Deaths.		Ratio per 1,000 of population per annum.		
DISTRICTS.	NAMES OF MUNICIPALITIES.	Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*	Ratio of male births to every 100 female births.	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Ratio of deaths per 1,000 of population per annum in the preceding month.	Male.	Female.	Male.	Female.	Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
Burdwan ...	Burdwan	18,063	16,017	34,080	6	14	*20*	9·1	21·4	*30·5*	43	1	2	7	1	...	5	*16*	1·5	3·1	10·7	1·5	...	7·6	*24·4*	21·4	8	8	23·0	26·0	88
	Raniganj	6,246	4,691	10,937	3	6	*9*	14·2	28·5	*42·8*	50	9	...	4	...	...	4	*17*	42·8	...	19·0	...	...	19·0	*80·8*	42·8	9	8	74·9	88·7	84
Bankura ...	Bankura	8,970	8,925	17,895	5	8	*13*	14·5	23·2	*37·8*	62	...	...	1	...	...	2	*3*	...	...	2·9	...	...	5·8	*8·7*	17·4	2	1	11·6	5·8	200
Birbhum ...	Suri	3,982	3,866	7,848	...	...	...	...	...	...	...	1	...	1	...	...	...	*2*	6·6	...	6·6	...	...	...	*13·3*	26·5	1	1	13·1	13·5	97
Midnapore ...	Midnapore ...	16,927	16,633	33,560	4	4	*8*	6·2	6·2	*12·4*	100	64	...	5	2	...	6	*77*	99·2	...	7·7	3·1	...	9·3	*119·3*	79·0	38	39	116·7	121·9	95
Hooghly, including Serampore.	Hooghly and Chinsura.	15,858	15,829	31,687	4	4	*8*	6·5	6·5	*13·1*	100	15	...	10	2	...	5	*32*	24·6	...	16·4	3·3	...	8·2	*52·5*	36·1	21	11	68·9	36·1	190
	Serampore ...	13,559	12,937	26,496	3	3	*6*	5·9	5·9	*11·8*	100	12	...	9	3	2	5	*31*	23·5	...	17·7	5·9	3·9	9·8	*60·8*	37·3	20	11	76·7	44·1	173
	Utterpara	3,046	2,464	5,510	...	4	*4*	...	37·7	*37·7*	No male birth.	2	..	1	1	...	...	*4*	18·9	..	9·4	9·4	...	...	*37·7*	18·9	3	1	51·2	21·1	242
Howrah ...	Howrah	53,153	37,660	90,813	17	20	*37*	9·7	11·5	*21·2*	85	21	...	16	4	...	8	*49*	12·0	...	9·2	2·3	...	4·6	*28·1*	35·5	33	16	32·3	22·1	146
	Bally	7,836	6,979	14,815	4	1	*5*	14·0	3·5	*17·5*	400	...	...	3	2	...	3	*8*	...	...	10·5	7·0	...	10·5	*28·1*	24·6	4	4	26·5	29·8	88
24-Parganas	Cossipore-Chitpur	16,080	10,214	26,294	2	5	*7*	3·9	9·9	*13·8*	40	10	2	...	...	...	2	*14*	19·8	3·9	...	...	...	3·9	*27·7*	35·6	8	6	25·9	30·5	84
	Manicktolla ...	16,536	12,112	28,648	3	2	*5*	5·4	3·6	*9·1*	150	9	...	5	1	...	1	*16*	16·3	...	9·1	1·8	...	1·8	*29·0*	30·9	10	6	31·4	25·8	121
	Baranagore ...	15,920	14,062	29,982	7	1	*8*	12·1	1·7	*13·9*	700	5	...	8	...	1	2	*16*	8·7	...	13·9	...	1·7	3·4	*27·7*	20·8	11	5	35·9	18·5	194
	South Suburban	26,400	25,258	51,658	5	3	*8*	5·0	3·0	*8·0*	166	7	...	15	3	...	1	*26*	7·0	...	15·1	3·0	...	1·0	*26·2*	23·2	19	7	37·4	14·4	259
Nadia ...	Krishnagar ...	13,263	14,214	27,477	2	6	*8*	3·8	11·3	*15·1*	33	...	...	4	...	...	3	*7*	...	...	7·5	...	...	5·6	*13·2*	20·8	5	2	19·6	7·3	268
	Ranaghat	4,028	4,655	8,683	...	2	*2*	...	12·0	*12·0*	No male birth.	1	...	2	...	...	1	*4*	6·0	...	12·0	...	...	6·0	*24·0*	53·9	1	3	12·9	33·5	38
	Santipur	13,708	15,979	29,687	9	12	*21*	15·2	21·0	*36·8*	75	...	...	8	...	...	1	*9*	...	...	14·0	...	...	1·7	*15·8*	15·8	4	5	15·2	16·3	93
Jessore ...	Jessore	4,830	3,665	8,495	...	1	*1*	...	6·1	*6·1*	No male birth.	...	...	1	...	...	...	*1*	...	...	6·1	...	...	...	*6·1*	24·5	1	...	10·8	...	No female death.
Murshidabad	Berhampore ...	11,657	11,948	23,605	5	2	*7*	11·0	4·4	*15·4*	250	1	...	3	...	...	1	*5*	2·2	...	6·6	...	...	2·2	*11·0*	13·2	3	2	13·4	8·7	154
	City Murshidabad	18,901	20,330	39,231	2	6	*8*	2·6	7·9	*10·6*	33	2	...	10	1	...	2	*15*	2·6	...	13·3	1·3	...	2·6	*19·9*	26·5	10	5	27·5	12·8	214
Khulna ...	Khulna	3,249	3,043	6,292	...	2	*2*	...	16·5	*16·5*	No male birth.	2	...	2	...	...	1	*5*	16·5	...	16·5	...	...	8·2	*41·3*	49·6	4	1	64·0	17·1	374
Dinajpur ...	Dinajpur	7,254	5,306	12,560	3	1	*4*	12·4	4·1	*16·6*	300	...	...	6	1	1	4	*19*	...	...	24·8	4·1	4·1	16·6	*49·7*	29·0	4	8	28·7	78·4	36

Rajshahi ...	Rampur Boalia ...	10,766	9,025	19,791	3	...	*3*	7·9	...	*7·9*	No female birth.	...	...	18	...	1	...	*19*	...	...	47·3	...	2·6	...	*49·9*	15·8	11	8	53·1	46·1	115
Rangpur ...	Rangpur	8,011	5,309	13,320	6	8	*14*	23·4	31·2	*54·7*	75	...	...	16	...	...	...	*16*	...	...	62·5	...	...	...	*62·5*	3·9	8	8	51·9	78·4	66
Bogra ...	Bogra	3,480	2,699	6,179	...	...	...	...	...	...	...	...	...	3	...	...	1	*4*	...	...	25·2	...	...	8·4	*33·7*	25·2	1	3	14·9	57·8	257
Pabna ...	Pabna	7,701	7,566	15,267	2	3	*5*	6·8	10·2	*17·0*	66	...	...	4	...	...	1	*5*	...	...	13·6	...	...	3·4	*17·0*	47·7	5	...	33·8	...	No female death.
	Sirajganj	11,213	9,824	21,037	4	2	*6*	9·9	4·9	*14·8*	200	...	...	3	...	...	...	*3*	...	...	7·4	...	...	...	*7·4*	32·1	...	3	...	15·9	No male death.
Darjeeling ...	Darjeeling ...	4,579	2,439	7,018	2	2	*4*	14·8	14·8	*29·6*	100	1	...	2	2	...	1	*6*	7·4	...	14·8	14·8	...	7·4	*44·5*	29·6	2	4	22·7	85·3	26
Jalpaiguri ...	Jalpaiguri ...	4,972	2,975	7,947	...	1	*1*	...	6·5	*6·5*	No female birth.	...	...	1	...	...	...	*1*	...	...	6·5	...	...	...	*6·5*	15·2	1	...	10·5	...	No female death.
Dacca ...	Dacca	42,782	37,379	80,161	17	4	*21*	11·0	2·6	*13·6*	425	...	3	20	5	1	6	*35*	...	1·9	13·0	3·2	·6	3·9	*22·7*	20·1	20	15	24·3	20·9	116
	Narainganj ...	7,695	4,956	12,561	3	7	*10*	12·4	29·0	*41·4*	43	...	...	1	1	...	2	*4*	...	...	4·1	4·1	...	8·3	*16·6*	37·3	2	2	13·7	21·0	65
Faridpur ...	Faridpur ...	5,663	4,600	10,263	...	...	...	...	...	...	...	...	...	4	...	...	...	*4*	...	...	20·3	...	...	...	*20·3*	30·4	2	2	18·4	22·6	81
Backergunge ...	Barisál	8,701	4,485	13,186	2	1	*3*	7·9	3·9	*11·8*	200	...	...	2	...	1	1	*4*	...	...	7·9	...	3·9	3·9	*15·7*	11·8	1	3	6·0	34·8	172
Mymensingh ...	Nasirabad ...	10,443	4,413	14,856	2	...	*2*	7·0	...	*7·0*	No female birth.	...	...	...	...	...	1	*1*	...	...	...	...	...	3·5	*3·5*	10·5	1	...	5·0	...	No female death.
Chittagong ...	Chittagong ...	13,340	8,790	22,130	7	10	*17*	16·4	23·5	*39·9*	70	5	...	11	1	...	1	*18*	11·7	...	25·8	2·3	...	2·3	*42·3*	63·4	4	14	15·6	82·8	19
Noakhali ...	Sudharam ...	3,410	1,714	5,124	...	...	...	...	...	...	...	...	...	2	1	...	1	*4*	...	...	20·2	10·1	...	10·1	*40·6*	30·4	3	1	45·7	30·3	150
Tippera ...	Comillah	8,153	5,353	13,506	4	6	*10*	15·4	23·1	*38·5*	66	2	...	11	...	...	3	*16*	7·7	...	42·4	...	...	11·5	*61·6*	26·9	9	7	57·4	68·0	84
Patna ...	Patna City ...	78,762	81,475	160,237	37	28	*65*	12·0	9·1	*21·1*	132	21	5	25	15	1	23	*90*	6·8	1·6	8·1	4·9	·3	7·5	*29·2*	36·0	44	46	89·0	29·4	93
	Bihár	23,799	25,172	48,971	15	19	*34*	15·9	20·2	*36·1*	79	7	6	13	...	...	8	*34*	7·4	6·4	13·8	...	...	8·5	*36·1*	39·3	14	20	30·6	41·2	74
	Dinapore	25,424	26,801	52,225	5	5	*10*	5·0	5·0	*10·0*	100	9	...	11	1	...	1	*22*	9·0	...	10·9	1·0	...	1·0	*21·9*	20·9	13	9	26·6	17·5	152
Gaya ...	Gaya	38,290	37,831	76,121	11	25	*36*	7·5	17·1	*24·6*	44	6	2	33	...	...	10	*51*	4·1	1·4	22·5	...	...	6·8	*34·8*	48·5	28	23	38·0	31·6	120
Shahabad ...	Arrah	20,960	22,505	43,465	9	13	*22*	10·8	15·5	*26·3*	69	10	1	19	...	...	5	*35*	11·9	1·2	22·7	...	...	6·0	*41·9*	37·1	21	14	52·1	32·3	161
	Buxar	9,299	8,369	17,668	10	7	*17*	29·4	20·6	*50·0*	143	11	...	15	...	...	1	*27*	32·4	...	44·1	...	...	2·9	*79·5*	47·1	16	11	89·5	68·3	131
Muzaffarpur ...	Muzaffarpur ...	23,084	19,658	42,742	20	16	*36*	24·3	19·5	*43·8*	125	95	1	19	3	...	10	*128*	115·6	1·2	23·1	3·6	...	12·2	*155·7*	139·9	67	61	150·9	161·4	93
Darbhanga ...	Darbhanga ...	33,774	32,322	66,096	23	19	*42*	18·1	14·9	*33·0*	121	80	...	24	16	...	20	*140*	62·9	...	18·9	12·6	...	15·7	*110·1*	142·4	55	85	84·7	136·7	62
Saran ...	Chapra	25,116	26,554	51,670	13	7	*20*	13·1	7·0	*20·1*	185	3	...	19	3	...	9	*34*	3·0	...	19·1	3·0	...	9·0	*34·2*	23·1	18	16	37·3	31·3	119
Champaran ...	Motihari	6,328	3,979	10,307	3	1	*4*	15·1	5·0	*20·2*	300	13	...	7	1	1	2	*24*	65·6	...	35·3	5·0	5·0	10·1	*121·1*	85·8	12	12	98·6	156·8	62
Monghyr ...	Monghyr	28,154	29,366	57,520	24	13	*37*	21·6	11·8	*33·4*	184	3	...	20	...	1	7	*31*	2·7	...	18·1	...	·9	6·3	*28·0*	34·4	12	19	22·2	33·6	66
	Jamálpore ...	7,456	6,107	13,563	9	9	*8*	34·5	34·5	*69·0*	100	2	...	7	1	...	...	*10*	7·6	...	26·8	3·8	...	...	*38·3*	23·0	6	4	41·8	34·1	122
Bhágalpur ...	Bhagalpur ...	34,916	33,322	68,238	19	16	*35*	14·4	12·2	*26·7*	118	...	...	45	3	1	6	*55*	...	...	34·3	2·3	·8	4·5	*41·9*	35·1	36	19	53·6	29·7	180
Purnea ...	Purnea	8,463	6,553	15,016	2	2	*4*	6·9	6·9	*13·9*	100	...	...	6	1	...	...	*7*	...	...	20·8	3·4	...	...	*24·2*	24·2	4	3	24·6	23·8	103
Malda ...	English Bazar ...	6,289	6,141	12,430	1	2	*3*	4·2	8·3	*12·5*	50	...	...	5	...	1	...	*6*	...	...	20·9	...	4·2	...	*25·1*	20·9	2	4	16·5	33·9	48
Sonthal Parganas.	Deoghur	4,964	3,041	8,005	...	1	*1*	...	6·5	*6·5*	No male birth.	...	...	...	...	...	1	*1*	...	...	...	...	...	6·5	*6·5*	39·0	1	...	10·5	...	No female death.
Cuttack ...	Cuttack	22,632	20,607	43,239	11	12	*23*	13·2	14·4	*27·7*	91	3	1	5	5	...	5	*19*	3·6	1·2	6·0	6·0	...	6·0	*22·8*	13·2	11	8	25·3	20·2	125
Puri ...	Puri	13,247	11,537	24,784	7	7	*14*	14·7	14·7	*29·4*	100	14	...	3	4	...	7	*28*	29·4	...	6·3	8·3	...	14·7	*58·7*	37·8	10	18	39·3	81·1	48
Balasore ...	Balasore	10,282	9,983	20,265	4	9	*13*	10·3	23·1	*33·4*	44	10	...	1	1	...	4	*16*	25·6	...	2·6	2·6	...	10·3	*41·1*	46·2	9	7	45·5	36·5	124
Hazáribágh ...	Hazáribágh ...	7,639	7,667	15,306	7	9	*16*	23·8	30·6	*54·4*	77	3	...	13	...	...	1	*17*	10·2	...	44·2	...	...	3·4	*57·8*	44·2	10	7	68·1	47·5	143
Lohardaga ...	Ranchi	10,101	8,342	18,443	6	8	*14*	16·9	22·5	*39·5*	75	...	1	6	...	...	2	*9*	...	2·8	16·9	...	...	5·6	*25·4*	42·3	7	2	36·0	12·5	288
Singhbhum ...	Chaibassa	3,126	2,880	6,006	2	2	*4*	17·3	17·3	*34·6*	100	10	...	...	1	...	...	*11*	86·6	...	...	8·6	...	...	*95·2*	86·6	3	8	49·9	144·4	34
Manbhum ...	Purulia	5,060	4,244	9,304	1	6	*7*	5·6	33·5	*39·1*	16	1	...	2	4	...	1	*8*	5·6	...	11·1	22·3	...	5·6	*44·7*	11·2	5	3	51·4	36·8	139
	Total ...	897,450	812,770	1,710,220	375	387	*762*	11·4	11·8	*23·2*	96	471	24	517	90	12	198	*1,312*	14·3	·7	15·7	2·7	·4	6·0	*39·9*	39·2	693	619	40·2	39·6	101

		13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
DISTRICTS.	NAMES OF MUNICIPALITIES.	DEATHS AMONG—					RATIO PER 1,000 OF POPULATION PER ANNUM.					DEATHS.										RATIO PER 1,000 OF POPULATION PER ANNUM.									
		Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	8	8	...	...	...	17·6	40·5	...	...	4	...	1	1	1	3	2	2	2	...	315·2	...	22·3	20·7	16·6	19·7	15·1	23·5	42·4	...
	Raniganj	...	17	...	...	...	...	99·0	...	...	...	3	...	1	2	...	3	1	3	2	2	663·8	...	45·9	114·3	...	64·4	24·2	124·7	172·2	249·4
Bankura ...	Bankura	...	3	...	...	...	...	9·2	...	...	...	1	...	...	...	1	...	1	...	...	...	100·9	...	...	...	33·0	...	19·7	...	...	...
Birbhum ...	Suri	...	...	2	...	...	...	...	52·2	...	...	...	1	...	1	...	...	...	...	...	...	...	83·3	...	50·9	...	...	...	...	...	...
Midnapore ...	Midnapore ...	...	57	20	...	...	...	114·3	144·0	...	...	2	4	7	2	8	14	13	16	9	2	140·0	88·4	97·1	34·2	131·6	99·1	181·9	223·2	226·9	56·8
Hooghly, including Serampore.	Hooghly and Chinsura.	...	18	14	...	...	...	37·9	118·1	...	...	4	2	1	1	3	7	5	5	1	3	259·0	46·9	18·0	21·0	62·2	58·7	45·5	62·3	20·0	75·3
	Serampore	...	24	7	...	...	...	49·5	388·1	...	...	4	...	...	1	6	7	7	2	3	1	293·0	...	...	23·4	142·9	67·6	73·2	30·8	81·5	37·4
	Utterpara	...	4	...	...	...	...	39·1	...	...	...	...	...	...	...	...	3	1	...	...	...	...	...	...	...	...	135·5	49·0	...	...	...
Howrah ...	Howrah	...	38	11	...	...	...	29·0	27·9	...	...	9	6	1	...	5	8	8	7	1	4	226·9	56·3	8·3	...	35·5	18·3	21·6	31·0	9·5	55·5
	Bally	...	6	2	...	...	...	23·3	79·3	...	...	3	...	...	...	...	2	2	...	...	1	430·9	...	...	...	...	31·1	37·3	...	...	71·0
24-Parganas	Cossipore-Chitpur	...	11	3	...	...	...	31·3	19·8	...	...	2	2	...	...	...	2	3	1	2	2	217·6	117·9	...	...	...	10·9	24·4	20·8	106·9	222·2
	Manicktola ...	...	13	3	...	...	...	40·4	13·6	...	...	2	1	2	2	1	2	1	2	1	2	1,677·6	343·1	642·0	89·1	27·3	12·8	6·4	23·1	32·0	109·8
	Baranagore ...	...	16	...	...	...	...	32·3	...	...	...	7	...	1	...	2	4	1	1	...	...	537·7	...	20·9	...	45·4	32·5	8·0	12·6	...	...
	South Suburban	...	11	15	...	...	...	18·1	40·0	...	...	3	4	3	4	1	4	1	3	3	...	117·6	43·8	30·7	43·5	11·8	20·5	6·0	20·4	47·1	...
Nadia ...	Krishnagar ...	...	4	3	...	...	...	11·2	18·8	...	...	1	...	...	...	1	2	1	...	1	1	104·8	...	...	...	25·3	21·6	12·1	...	24·7	30·1
	Ranaghat	...	2	2	...	...	...	14·2	76·2	...	...	1	1	...	...	...	...	...	1	1	...	251·2	65·4	...	...	...	...	...	51·8	71·8	...
	Santipur ...	...	5	4	...	...	...	12·6	23·3	...	...	5	...	...	...	2	...	...	1	...	1	307·7	...	...	...	46·7	...	...	14·8	...	26·5
Jessore ...	Jessore	...	...	1	...	...	...	...	13·6	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	25·8	...	...	...	...
Murshidabad.	Berhampore ...	...	4	1	...	...	...	11·4	10·0	...	...	1	...	...	1	...	1	...	...	1	1	137·9	...	...	27·3	...	11·7	...	...	27·7	32·5
	City Murshidabad	...	10	5	...	...	...	22·9	16·4	...	...	1	4	2	1	2	2	...	...	...	3	68·2	84·5	30·2	18·1	40·2	14·2	...	...	...	50·4
Khulna ...	Khulna	...	5	...	...	...	...	81·5	...	...	...	1	1	...	1	...	...	...	...	1	1	409·4	65·2	...	71·9	...	...	...	...	115·0	165·1
Dinajpur ...	Dinajpur	...	5	7	...	...	...	42·9	56·8	...	...	2	...	3	1	1	2	...	2	1	...	504·9	...	124·6	52·0	51·2	38·6	...	66·3	62·7	...
Rajshahi ...	Rampur Boalia ...	...	10	9	...	...	...	52·5	47·7	...	...	...	3	...	1	...	3	2	3	4	3	...	116·0	...	28·9	...	37·5	28·9	63·6	167·6	162·0
Rangpur ...	Rangpur	...	5	11	...	...	...	40·1	86·0	...	...	2	2	6	...	1	1	1	1	...	2	446·4	116·2	248·0	...	48·4	16·4	18·9	32·9	...	201·9
Bogra ...	Bogra	...	...	4	...	...	...	...	60·1	...	...	1	...	...	...	1	...	...	1	1	...	379·6	...	...	...	98·1	...	...	76·6	157·6	...

District	Town	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Pabna ...	Pabna ...	...	2	3	...	...	...	14·6	19·2	...	...	2	...	...	...	...	...	1	...	2	...	262·0	...	...	...	...	...	20·8	...	102·9	...
	Sirajganj	...	1	2	...	...	...	6·1	8·5	...	...	1	...	...	...	1	...	...	1	...	...	96·5	...	...	...	31·7	...	...	23·2	...	...
Darjeeling ...	Darjeeling ...	2	2	...	2	...	650·0	22·6	...	63·0	...	..	...	...	...	1	2	1	2	...	...	...	...	...	...	81·3	52·0	36·3	150·3	...	...
Jalpaiguri ...	Jalpaiguri ...	...	...	1	...	...	...	...	14·3	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	28·7	...	...	...	...
Dacca ...	Dacca ...	...	18	17	...	...	...	23·2	22·5	...	...	6	4	1	...	1	2	9	...	4	8	164·4	28·2	5·2	...	7·1	6·8	40·1	...	43·9	74·6
	Narsinganj	...	4	...	...	...	...	32·9	...	...	...	2	...	1	...	...	...	...	...	1	...	373·8	...	39·4	...	...	...	...	...	66·5	...
Faridpur ...	Faridpur	...	2	2	...	...	...	19·4	21·4	...	...	...	...	2	...	...	...	1	1	...	...	...	...	103·8	...	...	...	35·6	44·6	...	...
Backergunge...	Barisál ...	...	2	2	...	...	...	17·2	15·2	...	...	1	1	...	...	1	1	...	...	...	...	265·3	61·1	...	...	41·1	16·4	...	...	...	...
Mymensingh ...	Nasirabad ...	...	1	...	...	...	...	6·8	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	29·5	...	...
Chittagong ...	Chittagong ...	4	4	10	...	...	261·3	35·8	34·0	...	...	3	2	1	2	2	4	...	1	...	3	277·1	52·9	20·8	40·4	43·0	44·9	...	23·0	...	196·0
Noakhali ...	Sudharam ...	...	3	1	...	...	...	60·9	20·6	...	...	1	...	...	...	...	..	...	...	2	1	666·7	...	...	...	...	...	...	...	329·1	263·6
Tippera ...	Comilla ...	...	5	11	...	...	...	43·7	77·4	...	...	3	1	2	1	1	2	2	2	1	1	525·3	39·8	63·9	35·6	41·3	37·7	52·2	79·1	64·9	76·7
Patna ...	Patna City ...	...	74	16	...	...	...	32·3	20·3	...	...	14	18	7	3	4	11	9	5	6	13	168·9	64·1	21·6	10·8	18·6	19·9	20·1	13·3	22·1	48·9
	Bihár ...	...	22	12	...	...	...	34·0	40·8	...	...	9	12	2	...	2	3	...	2	2	3	315·2	107·8	17·2	...	34·8	18·4	...	20·2	28·7	28·9
	Dinapore ...	...	19	3	...	...	...	25·6	13·3	...	...	1	3	6	3	...	...	1	1	3	4	37·2	28·3	49·6	30·1	...	...	6·9	9·2	41·0	50·7
Gaya ...	Gaya ...	...	45	6	...	...	...	33·0	19·4	...	...	11	11	2	1	3	5	3	2	7	6	319·6	90·0	14·9	7·7	23·8	17·7	12·3	10·6	55·4	60·6
Shahabad ...	Arrah ...	...	22	13	...	...	...	36·9	54·5	...	...	4	9	6	1	...	2	2	1	2	8	161·5	105·6	60·8	11·8	...	13·2	16·2	11·1	33·6	144·2
	Buxar ...	...	25	2	...	...	...	93·5	28·9	...	...	3	4	2	1	...	2	5	3	...	7	375·9	120·8	50·7	28·3	...	32·6	85·4	73·5	...	336·4
Muzaffarpur ...	Muzaffarpur ...	...	91	37	...	...	...	157·6	154·2	...	...	10	29	18	7	5	30	8	7	7	7	541·5	373·2	208·0	92·0	83·8	131·8	59·6	72·7	112·1	149·5
Darbhanga ...	Darbhanga ...	...	105	35	...	...	...	112·3	103·6	...	...	21	25	18	7	5	11	19	6	8	25	701·3	170·8	85·4	65·5	64·6	42·9	88·6	41·9	94·8	407·0
Saran ...	Chapra ...	...	28	6	...	...	...	36·7	26·2	...	...	6	4	2	3	1	8	2	...	...	8	221·1	40·3	14·7	31·1	15·0	45·1	11·7	...	...	116·0
Champaran ...	Motihari ...	...	17	7	...	...	...	117·5	131·4	...	...	1	4	3	2	3	3	4	1	2	1	379·6	211·8	141·2	79·8	233·9	77·3	140·4	46·5	111·5	85·7
Monghyr ...	Monghyr ...	...	27	4	...	..	...	31·4	16·5	...	...	7	4	4	...	1	3	2	3	...	7	243·1	33·4	29·5	...	13·8	15·1	11·7	24·5	...	101·5
	Jamálpur ...	2	8	...	...	...	163·3	48·4	...	...	...	4	3	...	...	1	...	2	...	...	...	585·9	102·4	...	...	64·5	...	43·1	...	...	...
Bhágalpur ...	Bhágalpur ...	1	44	10	...	...	134·7	46·8	27·6	...	...	18	12	2	1	1	5	4	4	3	5	652·3	96·2	14·7	7·2	10·5	19·9	19·0	27·2	30·8	60·4
Purnea ...	Purnea ...	...	6	1	...	...	...	34·0	9·2	...	...	2	1	...	...	1	...	1	1	...	1	367·5	43·0	...	...	52·3	...	18·2	28·0	...	64·4
Malda ...	English Bazar ...	...	3	3	...	...	...	21·5	30·3	...	...	1	1	2	...	1	...	1	...		...	176·3	54·6	69·3	...	48·9	...	24·2	...	...	...
Sonthal Parganas.	Deoghur ...	...	1	...	...	...	...	6·7	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	136·1
Cuttack ...	Cuttack ...	1	14	4	...	...	28·1	21·6	27·0	...	...	6	3	1	...	1	...	5	...	1	2	304·1	41·7	10·5	...	12·9	...	42·5	...	16·9	35·3
Puri ...	Puri ...	...	28	...	...	...	...	59·4	...	...	...	...	5	3	2	2	2	4	2	5	3	...	144·7	69·6	55·4	55·9	19·7	51·3	31·3	116·5	86·4
Balasore ...	Balasore ...	...	9	7	...	...	...	27·8	118·6	...	...	3	1	...	...	2	1	4	2	1	2	294·9	27·9	...	...	60·8	12·7	71·2	46·8	40·6	89·8
Hazáribágh ...	Hazáribágh ...	...	16	1	...	...	...	75·6	12·6	...	...	6	2	1	...	1	1	3	1	1	1	640·7	57·1	25·9	...	46·6	20·0	73·1	31·9	40·0	62·1
Lohardaga ...	Ranchi ...	...	5	3	...	1	...	28·2	28·9	...	22·0	6	...	...	...	...	...	2	1	...	...	663·8	...	...	...	...	...	33·9	28·6	...	...
Singhbhum ...	Chaibassa ...	...	11	...	...	...	...	111·7	...	...	...	...	...	2	1	...	2	3	2	1	...	...	...	121·4	82·9	...	87·4	136·7	164·8	171·1	...
Manbhum ...	Purulia ...	...	6	2	...	...	...	40·0	83·3	...	...	1	1	...	1	1	3	1	...	...	...	233·8	58·4	...	58·0	62·7	78·2	30·7	...	...	...
	TOTAL ...	10	946	353	2	1	38·8	41·2	37·1	50·5	19·9	212	191	111	55	78	175	149	103	93	145	277·2	67·0	32·7	18·4	31·3	20·6	26·9	26·7	40·1	73·1

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,

The 20th June 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.,*

Sanitary Commissioner for Bengal.

PUBLIC WORKS DEPARTMENT,—BENGAL.

IRRIGATION.

Statement showing heights over mean sea-level and low-water in the Rivers Ganges, Bhagirathi, Jalangi, and Brahmaputra, for the month of May 1892.

Date.	River Ganges.																River Bhagirathi.		River Jalangi.		River Brahmaputra.	
	Mirzapur.		Benares.		Buxar.		Dinapur.		Monghyr.		Sahibganj.		Rampur Boalia.		Goalundo.		Berhampore.		Sarupganj.		Gowhatty.	
Distance. Miles.	From Allahabad ... 86		From Allahabad ... 134	From Mirzapur ... 48	From Benares 90		From Benares 177	From Buxar ... 87	From Benares 287	From Dinapur 110	From Benares 381	From Monghyr 94	From Benares 471	From Sahibganj ... 90	From Benares 561	From Rampur Boalia ... 120						
	Height over zero.	Height over mean sea-level.	Height over zero. (Below zero.)	Height over mean sea-level.	Height over zero. (Below zero.)	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero. (Below zero.)	Height over mean sea-level.	Height over zero. (Below zero.)	Height over mean sea-level.	Height over zero. (Below zero.)	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.	Height over zero.	Height over mean sea-level.
1st	0·92	207·14	2·54	194·26	1·08	167·97	5·70	139·93	3·67	98·18	4·58	63·42	2·42	39·58	8·25	17·19	0·71	34·45	2·75	7·05	11·20	159·96
2nd	0·92	207·14	2·71	194·09	1·17	167·88	5·55	139·78	3·69	98·16	4·67	63·33	2·46	39·54	9·17	18·11	0·71	34·45	2·75	7·05	10·20	158·96
3rd	0·92	207·14	2·96	193·84	1·17	167·88	5·55	139·78	3·71	98·14	4·67	63·33	2·50	39·50	9·50	18·44	0·71	34·45	2·17	6·47	10·10	158·86
4th	0·83	207·05	3·08	193·72	1·25	167·80	5·55	139·78	3·75	98·10	4·58	63·42	2·52	39·48	9·17	18·11	0·67	34·41	2·00	6·30	11·60	160·36
5th	0·83	207·05	3·17	193·63	1·25	167·80	5·55	139·78	3·75	98·10	4·58	63·42	2·52	39·48	8·83	17·77	0·67	34·41	2·00	6·30	12·90	161·66
6th	0·83	207·05	3·17	193·63	1·33	167·72	5·55	139·78	3·71	98·14	4·50	63·50	2·54	39·46	8·42	17·36	0·67	34·41	2·00	6·30	12·20	160·96
7th	0·83	207·05	3·17	193·63	1·33	167·72	5·50	139·73	3·67	98·18	4·50	63·50	2·50	39·50	8·58	17·52	0·67	34·41	2·50	6·80	11·20	159·96
8th	0·76	206·97	3·17	193·63	1·33	167·72	5·50	139·73	3·58	98·27	4·58	63·42	2·50	39·50	8·92	17·86	0·67	34·41	2·25	6·55	10·50	159·26
9th	0·73	206·97	3·17	193·63	1·42	167·63	5·50	139·73	3·62	98·23	4·58	63·42	2·52	39·48	9·75	18·69	0·67	34·41	3·00	7·30	10·60	159·36
10th	0·75	206·97	3·19	193·61	1·42	167·63	5·50	139·73	3·71	98·14	4·67	63·33	2·54	39·46	9·50	18·44	0·62	34·36	3·17	7·47	10·80	159·56
11th	0·67	206·89	3·21	193·59	1·42	167·63	5·50	139·73	3·75	98·10	4·58	63·42	2·54	39·46	9·33	18·27	0·62	34·36	3·50	7·80	10·50	159·26
12th	0·67	206·89	3·21	193·59	1·50	167·55	5·50	139·73	3·77	98·08	4·58	63·42	2·54	39·46	9·33	18·27	0·58	34·32	2·83	7·13	11·00	159·76
13th	0·67	206·89	3·21	193·59	1·50	167·55	5·50	139·73	3·79	98·06	4·50	63·50	2·50	39·50	9·42	18·36	0·58	34·32	2·83	7·13	12·20	160·96
14th	0·58	206·80	3·21	193·59	1·50	167·55	5·60	139·83	3·79	98·06	4·50	63·50	2·46	39·54	9·50	18·44	0·58	34·32	2·50	6·80	12·60	161·36
15th	0·58	206·80	3·23	193·57	1·58	167·47	5·60	139·83	3·71	98·14	4·58	63·42	2·46	39·54	9·58	18·52	0·58	34·32	2·50	6·80	13·20	161·96
16th	0·50	206·72	3·25	193·55	1·58	167·47	5·70	139·93	3·62	98·23	4·58	63·42	2·46	39·54	9·75	18·69	0·58	34·32	2·75	7·05	13·60	162·36
17th	0·50	206·72	3·29	193·51	1·58	167·47	5·75	139·98	3·46	98·39	4·67	63·33	2·48	39·52	10·00	18·94	0·58	34·32	2·33	6·63	13·30	162·06
18th	0·42	206·64	3·29	193·51	1·58	167·47	5·80	140·03	3·37	98·48	4·67	63·33	2·48	39·52	10·17	19·11	0·62	34·36	2·17	6·47	12·80	161·56
19th	0·42	206·64	3·29	193·51	1·58	167·47	5·80	140·03	3·33	98·52	4·67	63·33	2·44	39·56	10·42	19·36	0·62	34·36	2·33	6·63	13·20	161·96
20th	0·33	206·55	3·29	193·51	1·67	167·38	5·80	140·03	3·29	98·56	4·50	63·50	2·37	39·63	10·58	19·52	0·62	34·36	2·25	6·55	14·10	162·86
21st	0·33	206·55	3·29	193·51	1·67	167·38	5·80	140·03	3·27	98·58	4·33	63·67	2·33	39·67	10·92	19·86	0·67	34·41	2·50	6·80	14·80	163·56
22nd	0·33	206·55	3·31	193·49	1·67	167·38	5·80	140·03	3·27	98·58	3·58	64·42	2·25	39·75	11·42	20·36	0·58	34·32	2·33	6·63	14·90	163·66
23rd	0·25	206·47	3·33	193·47	1·75	167·30	5·90	140·13	3·21	98·64	3·08	64·92	2·08	39·92	12·00	20·94	0·50	34·24	2·58	6·88	15·00	163·76
24th	0·25	206·47	3·35	193·45	1·75	167·30	6·10	140·33	3·17	98·68	2·92	65·08	1·33	40·67	12·33	21·27	0·50	34·24	3·25	7·55	14·60	163·36
25th	0·25	206·47	3·37	193·43	1·75	167·30	6·50	140·73	3·08	98·77	2·92	65·08	1·08	40·92	12·42	21·36	0·54	34·28	2·67	6·97	14·40	163·16
26th	0·25	206·47	3·39	193·41	1·75	167·30	6·70	140·93	2·92	98·93	3·00	65·00	0·75	41·25	12·42	21·36	0·67	34·41	3·25	7·55	14·50	163·26
27th	0·25	206·47	3·42	193·38	1·83	167·22	6·60	140·83	2·79	99·06	2·75	65·25	0·67	41·33	12·17	21·11	0·92	34·66	2·75	7·05	14·90	163·66
28th	0·17	206·39	3·44	193·36	1·83	167·22	6·50	140·73	2·67	99·18	2·75	65·25	0·67	41·33	11·83	20·77	1·08	34·82	2·92	7·22	15·80	164·56
29th	0·17	206·39	3·46	193·34	1·83	167·22	6·40	140·63	2·58	99·27	2·67	65·33	0·58	41·42	11·50	20·44	1·21	34·95	3·00	7·30	15·85	164·61
30th	0·17	206·39	3·48	193·32	1·83	167·22	6·40	140·63	2·54	99·31	2·67	65·33	0·58	41·42	11·50	20·44	1·25	34·99	2·67	6·97	15·10	163·86
31st	0·17	206·39	3·50	193·30	1·83	167·22	6·50	140·73	2·71	99·14	2·33	65·67	0·50	41·50	11·58	20·52	1·42	35·16	2·67	6·97	14·90	163·66

CALCUTTA,
The 21st June 1892.

G. C. MACONCHY,
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of Traffic for the week ending Saturday, the 18th June 1892, as compared with the corresponding week of the previous year.

Nature of Cargo.	Week ending Saturday, the 18th June 1892.			Week ending Saturday, the 20th June 1891.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	128	34,590	536	301	57,430	854
Jute	7	1,370	14	8	5,975	56
Firewood	62	26,650	419	72	33,450	518
Other articles	813	2,38,150	3,036	660	1,76,245	2,410
Total ...	1,010	3,00,760	4,005	1,031	2,73,100	3,838

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 11th June 1892, on 1,558½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	305,191	2,82,651 15 0	27,84,420 10	6,61,919 7 0	21,572 2 0	9,66,143 8 0	71,325¼	125,487½	196,812¾
Or per mile of railway	......	181 5 9	......	424 11 5	13 13 6	619 14 8	......	......	.....
For previous 22¾ weeks of half-year	6,385,473	68,33,179 2 0	6,68,86,799 10	1,63,02,947 0 8	4,25,581 5 9	2,35,61,707 8 5	1,682,966¾	2,672,128½	4,355,395¼
Total for 23¾ weeks ...	6,690,664	71,15,831 1 0	6,96,71,219 20	1,69,64,866 7 8	4,47,153 7 9	2,45,27,851 0 5	1,754,292¼	2,797,916	4,552,208¼
Comparison.									
Total for corresponding week of previous year	278,890	2,76,639 10 0	28,62,739 0	6,75,104 14 11	21,344 8 0	9,73,089 0 11	72,418	114,377	186,795
Per mile of railway corresponding week of previous year	......	181 5 6	......	442 8 9	13 15 10	637 14 1	......	......	.. .
Total for corresponding 23¾ weeks of previous year ...	6,651,312½	75,69,202 15 7	6,66,64,400 0	1,60,65,445 13 4	4,09,809 7 5	2,41,34,458 4 4	1,743,895	2,508,611	4,252,506

PATNA-GAYA STATE RAILWAY.

Approximate Return of Traffic for week ended 11th June 1892, on 57¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	12,041	5,405 0 0	38,330 10	2,961 10 0	47 0 0	8,413 10 0	1,589	1,388	2,977
Or per mile of railway	210½	94 7 11	670 10	51 12 5	0 13 2	147 1 6	. ...	......	. ..
For previous 22¾ weeks of half-year	*32,525	*1,65,232 12 0	†15,08,290 10	†87,812 10 0	‡1,086 9 3	2,54,131 15 3	37,507	21,631	59,138
Total for 23¾ weeks ...	337,292	1,70,637 12 0	15,46,620 20	90,774 4 0	1,133 9 3	2,62,545 9 3	39,096	23,019	62,115
Comparison.									
Total for corresponding week of previous year	12,165½	5,223 2 1	44,400 20	3,145 5 0	40 7 6	8,408 14 7	1,023	848	1,871
Per mile of railway corresponding week of previous year ..	213	91 5 0	776 10	54 15 10	0 11 4	147 0 2	......	......	.....
Total for corresponding 23¾ weeks of previous year ...	308,944	2,19,122 14 3	11,85,441 20	81,733 3 0	1,282 0 3	3,02,138 1 6	36,955	19,210	56,165

* Deducted number of passengers 5,931 and Rs. 3,945 }
† Added maunds 64,211 and „ 1,613 } on account of differences between the approximate and audited returns from week ended
‡ Deducted „ 15 } 9th to week ended 30th April 1892.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 11th June 1892, on 22½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	21,332	5,337 13 0	9,453 30	367 15 0	14 0 0	5,719 12 0	866	110	976
Or per mile of railway	......	239 14 5	......	16 8 7	0 10 1	257 1 1	......	......	......
For previous 22¾ weeks of half-year	*504,868	*1,31,085 4 0	†3,69,398 0	†13,275 6 9	‡255 0 9	1,44,615 11 6	19,844	2,429	22,273
Total for 23¾ weeks ...	526.120	1,36,423 1 0	3,78,851 30	13,643 5 9	269 0 9	1,50,335 7 6	20,710	2,539	23,249
Comparison.									
Total for corresponding week of previous year	19,331	4,740 5 8	8,685 30	316 6 0	10 9 6	5,067 5 2	898	70	968
Per mile of railway corresponding week of previous year ...	......	213 0 10	......	14 3 6	0 7 7	227 11 11	......	......	......
Total for corresponding 23¾ weeks of previous year ...	572,273	1,52,662 7 11	3,15,667 0	10,910 3 0	246 7 9	1,63,819 2 8	21,622	2,382	24,004

* Added number of passengers 70 and deducted Rs. 34 }
† Deducted maunds 240 and added ,, 22 } on account of differences between the approximate and audited returns from week ended
‡ Added ,, 12 } 9th to week ended 30th April 1892.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 11th June 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	*a*15,677	*a*10,784 15 0	37,837 0	6,198 13 0	74 0 0	17,057 12 0	6,541	2,393½	8,934½
Or per mile of railway	......	66 9 2	......	38 4 3	0 7 4	105 4 9	......	......	......
For previous 22¾ weeks of half-year	*373,051	*2,87,799 9 0	†10,12,539 30	†1,85,242 12 0	‡1,686 15 9	4,74,729 4 9	138,180	47,130½	185,310½
Total for 23¾ weeks ...	388,728	2,98,584 8 0	10,50,376 30	1,91,441 9 0	1,760 15 9	4,91,787 0 9	144,721	49,524	194,245
Comparison.									
Total for corresponding week of previous year	17,396	15,351 15 0	47,684 20	8,737 1 0	39 9 0	24,128 9 0	6,871	1,571	8,442
Per mile of railway corresponding week of previous year ...	......	94 12 3	......	53 14 11	0 3 11	148 15 1	......	......	......
Total from 1st March to corresponding period 15 weeks of previous year	243,241	2,03,833 3 6	5,58,106 20	1,14,326 6 3	833 11 6	3,18,993 5 3	1,00,361	24,491	124,852

a The decrease in coaching is nominal and is due to figures for the corresponding period of 1891 having included receipts on account of inward foreign traffic of previous weeks.
* Added number of passengers 5,836 and Rs. 14,067 }
† Deducted maunds 1,525 and ,, 496 } on account of differences between the approximate and audited returns from week ended 9th
‡ Added ,, 40 } to 30th April 1892.

EASTERN BENGAL STATE RAILWAY.

(Including N. B., Dacca, K.-D., and Assam-Bihár Sections.)

Approximate Return of Traffic for week ended 11th June 1892, on 777 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	181,419	80,210 0 0	4,23,304 0	83,230 0 0	* 11,000 0 0	1,74,440 0 0	27,558	26,102	53,660
Or per mile of railway	234	103 0 0	545 0	107 0 0	*2 0 0	212 0 0	......	......	......
For previous 22 weeks of half-year*	3,764,170	18,27,523 0 0	1,29,81,432 0	17,71,621 0 0	3,19,452 0 0	39,18,596 0 0	607,546	639,865	1,247,411
Total for 23 weeks ...	3,945,589	19,07,733 0 0	1,34,04,736 0	18,54,851 0 0	3,30,452 0 0	40,93,036 0 0	635,104	665,967	1,301,071
Comparison.									
Total for corresponding week of previous year	170,246	76,579 0 0	4,01,670 0	81,064 0 0	13,079 0 0	1,71,322 0 0	27,114	28,412	55,526
Per mile of railway corresponding period of previous year ...	219	99 0 0	594 0	105 0 0	†3 0 0	207 0 0	......	......	......
Total to corresponding date of previous year	4,275,128	23,63,357 0 0	1,60,37,091 0	28,30,520 0 0	5,39,221 0 0	57,33,098 0 0	629,496	857,246	1,486,732

* Audited up to week ending 7th May 1892.
† Excluding steamer earnings.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 11th June 1892, on 125 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	33,423	13,660 0 0	36,824 0	2,650 0 0	90 0 0	16,400 0 0	3,225	2,447	5,672
Or per mile of railway ...	267	109 0 0	295 0	21 0 0	1 0 1	131 0 0	.....	......	...
For previous 22 weeks of half-year*	668,892	2,38,864 0 0	12,93,884 0	81,174 0 0	2,070 0 0	3,22,108 0 0	81,711	44,891	126,602
Total for 23 weeks ...	702,315	2,52,524 0 0	13,30,708 0	83,824 0 0	2,160 0 0	3,38,508 0 0	84,936	47,338	132,274
Comparison.									
Total for corresponding week of previous year	36,222	11,353 0 0	46,123 0	3,089 0 0	48 0 0	14,490 0 0	3,225	2,447	5,672
Per mile of railway corresponding week of previous year ...	290	91 0 0	369 0	25 0 0	......	116 0 0	.	. .	......
Total to corresponding date of previous year	718,700	3,00,317 0 0	16,07,469 0	96,481 0 0	1,638 0 0	3,98,436 0 0	82,543	52,590	135,133

* Audited up to week ending 7th May 1892.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 11th June 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	17,691	5,290 0 0	8,090 0	640 0 0	70 0 0	6,000 0 0	2,487	737	5,224
Or per mile of railway	206	62 0 0	94 0	7 0 0	1 0 0	70 0 0	......	......	......
For previous 22 weeks of half-year*	373,453	1,19,567 0 0	2,84,165 0	22,128 0 0	3,511 0 0	1,45,206 0 0	55,739	16,069	71,808
Total for 23 weeks ...	391,144	1,24,857 0 0	2,92,255 0	22,768 0 0	3,581 0 0	1,51,206 0 0	58,226	16,806	75,032
Comparison.									
Total for corresponding week of previous year	15,483	4,722 0 0	7,573 0	535 0 0	93 0 0	5,370 0 0	2,414	690	3,104
Per mile of railway corresponding period of previous year ...	180	55 0 0	88 0	6 0 0	1 0 0	62 0 0	......	......	.....
Total to corresponding date of previous year	423,767	1,44,810 0 0	6,45,180 0	53,018 0 0	4,349 0 0	2,05,077 0 0	58,358	25,242	83,600

* Audited up to week ending 7th May 1892.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhut State Railway.)

Approximate Return of Traffic for the week ending 4th June 1892, on 755 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Coaching.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 755 miles open	92,680	38,210	4,44,960	97,810	18,720	1,54,740	12,088	23,905	35,993
Or per mile of railway	122·75	50·61	589·35	129·55	24·79	204·95	......	......	.....
For previous 21¾ weeks of half-year	1,997,085	8,90,019	88,28,614	12,80,818	2,66,462	24,37,299	255,793	438,591	694,384
Total for 22¾ weeks ...	2,089,765	9,28,229	92,73,574	13,78,628	2,85,182	25,92,039	267,881	462,496	730,377
Comparison.									
Total for corresponding week of previous year on 712 miles open	104,412	40,723	375,603	50,275	11,109	1,02,107	12,420	16,920	29,340
Per mile of corresponding week of previous year	146·65	57·20	527·55	70·61	15·60	143·41	......	......	.....
Total to corresponding date of previous year	2,216,499	9,37,083	94,80,221	13,36,545	3,24,589	24,98,217	240,696	445,025	685,721

Printed and published by Edwin Morris Lewis at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 22nd June 1892.

[REGISTERED No. 29.]

No. 26 of 1892.

SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, JUNE 29, 1892.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.*

CONTENTS.

RETURNS OF JOINT-STOCK COMPANIES FOR THE YEAR 1891-92.

No. I.

Statement showing the name and number on the register borne by each Joint-Stock Company registered in the Calcutta Registry Office, with its object, nominal capital, and date of registration, during the year ending 31st March 1892.

Number on this list.	Number borne by each Company in the General Register.	NAME OF THE COMPANY.	Object of each Company.	Date of registration.	Nominal capital.	REMARKS.
					Rs.	
1	682	Singhbhum Mining and Prospecting Syndicate, Ld.	To acquire lands for mining purposes and to prospect.	6th April 1891 ...	1,00,000	
2	683	Atal Tea Co., Ld.	To cultivate tea, &c.	10th ,, ,, ...	1,50,000	
3	684	Chota Nagpur Bank, Ld.	Banking business	11th ,, ,, ..	2,00,000	
4	685	Garden Reach Land Syndicate. Ld.	To traffic in lands and houses in Calcutta and Suburbs.	20th ,, ,, ...	8,00,000	
5	686	Jaboka Tea Co., Ld.	To cultivate tea, &c.	22nd ,, ,, ...	5,00,000	
6	687	Pahargoomiah Tea Association, Ld.	Ditto	5th May ,, ...	2,00,000	
7	689	Jherriah-Katras Syndicate, Ld. ...	To acquire lands for mining purposes and to prospect.	13th ,, ,, ...	3,00,000	
8	691	Indian Patent Stone Co., Ld. ...	To manufacture artificial stone ...	25th ,, ,, ...	1,00,000	
9	692	Hitabadi Printing and Publishing Co., Ld.	Printing and publishing newspapers.	29th ,, ,, ...	25,000	
10	693	Chamurchi Tea Co., Ld.	To cultivate tea, &c.	8th June ,, ...	75,000	
11	694	Panari Trading Corporation, Ld.	General trade	24th ,, ,, ...	2,00,000	
12	695	South Sylhet Supply Society, Ld.	Business of co-operative stores ...	10th July ,, ...	12,000	
13	696	Nagra Timber Co., Ld.	Trade in timber	24th ,, ,, ...	40,000	
14	697	Nowdeah Prospecting Syndicate, Ld.	To acquire lands for mining purposes and to prospect.	4th Aug. ,, ...	1,00,000	
15	698	Elysium Dramatic Co., Ld. ...	To establish a theatre in the heart of the town.	8th ,, ,, ...	3,00,000	
16	699	Kalyanpur Bihár Gold Mining Co., Ld.	To acquire lands for mining purposes and to prospect.	13th ,, ,, ...	9,00,000	
17	700	Indian Metals Manufacturing Co., Ld.	To manufacture brass, copper, kansa, &c.	17th ,, ,, ...	2,00,000	
18	702	Tangail Trading Co., Ld.	General trade	10th Sept. ,, ...	50,000	
19	703	Kinmond and Co., Ld.	Business of Engineers, contractors and builders.	14th ,, ,, ...	10,000	
20	704	Killing Valley Tea Association, Ld.	To cultivate tea, &c.	24th ,, ,, ...	80,000	
21	705	Eastern Steam Navigation Co., Ld.	Navigating business	3rd Oct. ,, ...	3,00,000	
22	706	Nunbong Tea Co., Ld.	To cultivate tea, &c.	23rd ,, ,, ...	1,80,000	
23	707	Thomson's Ink and Chemical Manufacturing Co., Ld.	To manufacture and sell ink ...	27th ,, ,, ...	50,000	
24	708	Bihar Trading Co , Ld.	General trade	5th Dec. ,, ...	20,000	
25	709	Dacca Steam Mill Co., Ld. ...	To manufacture oil, &c.	9th ,, ,, ...	30,000	
26	710	John King and Co., Ld.	Business of Engineers, contractors and builders.	11th ,, ,, ...	3,00,000	
27	711	Family Relief Fund Co., Ld. ...	To relief and maintain the family of a deceased member.	11th ,, ,, ...	50,000	
28	712	India General Gas Co., Ld. ..	To manufacture gas	12th ,, ,, ...	4,00,000	
29	713	Glenburn Tea Co., Ld.	To cultivate tea, &c.	31st ,, ,, ...	1,70,000	
30	714	Khulna Trading Co., Ld.	General trade	2nd Jan. 1892 ...	50,000	
31	715	Monabarrie Tea Co., Ld.	To cultivate tea, &c.	16th ,, ,, ...	1,50,000	
32	716	Kurigram Model Co., Ld.	Trading business	18th ,, ,, ...	20,000	
33	717	Imperial Paper Mills Co., Ld. ...	To manufacture paper	10th Feb. ,, ...	12,00,000	
34	718	Hooghly Mills Co., Ld.	Manufacturing jute, cotton, &c. ...	16th Mar. ,, ...	37,80,000	
35	719	Bengal Safety Match Manufacturing Co., Ld.	Ditto safety matches ...	23rd ,, ,, ...	40,000	
36	720	Oriental Trading Co., Ld.	Trading in timber	25th ,, ,, ...	30,000	
					1,11,22,000	

No. II.

Statement showing the register numbers and names of Companies that have increased their capital during the year ending 31st March 1892.

Number on this list.	Register number borne by each Company.	Date of registration.	Amount of original capital.	Names of Companies.	Date of increase.	Amount of increased capital.	REMARKS.
			Rs.			Rs.	
1	548	4th August 1887 ...	10,000	Kurigram Loan Office, Ld. ...	15th May 1891 ...	10,000	
2	593	22nd February 1890 ...	1,50,000	Pioneer Glass Manufacturing Co., Ld.	18th June " ...	1,50,000	
3	681	31st March 1891 ...	2,00,000	Metala Prospecting Syndicate, Ld.	2nd July " ...	20,000	
4	553	2nd May 1888	20,000	Dich Pait Milit Dhan Bhandar Co., Ld.	9th " "	80,000	
5	656	2nd November 1890 ...	50,000	Oriental Ice Manufacturing Co., Ld.	14th September 1891 ...	50,000	
6	629	27th September 1890 ...	4,04,000	Dumra Gold Prospecting Syndicate, Ld.	28th " " ...	1,51,500	
7	676(b)	13th March 1891 ...	1,00,000	Calcutta Hackney Carriage Co., Ld.	9th December " ...	50,000	
8	604	14th May 1890	1,60,000	Gairkhata Tea Co., Ld. .	16th " " ...	40,000	
9	444	28th July 1882	9,00,000	Titaghur Paper Mills Co., Ld.	3rd March 1892 " ...	1,00,000	
10	647	3rd November 1890 ..	1,50,000	Moortee Tea Co., Ld.	10th March " ...	50,000	
						7,01,500	

No. III.

Statement showing the register numbers and names of Companies that have commenced winding up, have been finally dissolved, or are otherwise defunct, with their capital, date of registration, winding up or final dissolution, during the year ending 31st March 1892.

Number on this list.	Register number borne by each Company.	NAMES OF COMPANIES.	Nominal capital.	Date of registration.	Date of winding up.	Date of final dissolution.	Date on which written off defunct.	REMARKS.
			Rs.					
1	645	Calcutta Gold Prospecting Syndicate, Ld.	1,00,000	31st Oct. 1890	1st April 1891	...	...	
2	618	Ambikanagore Gold Prospecting Syndicate, Ld. ..	7,07,000	4th Nov. "	2nd " "	...	...	
3	463	Darjeeling and Kurseong Hotel and Trading Co., Ld.	2,00,000	2nd Feb. 1883	22nd " "	...	...	
4	640	Central Chota Nagpur Syndicate, Ld.	1,00,000	10th Oct. 1890	27th " "	...	...	
5	626	Lohardaga Gold Prospecting Syndicate, Ld. ...	51,500	23rd Sept. "	27th " "	...	...	
6	636	Globe Gold Prospecting and Mining Syndicate, Ld.	80,000	4th Oct. "	5th Mar. "	12th May 1891	...	
7	646	Ambar Gold Prospecting Syndicate, Ld.	50,000	31st " "	16th May "	18th Sept. "	...	
8	611	Chota Nagpur Gold and Mining Co., Ld. ...	2,00,000	20th June "	28th Feb. "	22nd May "	...	
9	598	Indian Patent Stone Co., Ld.	57,000	26th Mar. "	25th May "	...	...	
10	228	Adulpur Terai Tea Co., Ld.	1,10,000	5th June 1871	21st Jan. 1889	9th June "	...	
11	485	Chumta Tea Co., Ld. ...	1,50,000	2nd Nov. 1883	18th Feb. "	9th " "	...	
12	285	Majagram Tea Co., Ld. ...	2,00,000	27th Jan. 1872	10th Jan. 1890	11th " "	...	
13	624	Ranchi Gold Prospecting Syndicate, Ld.	50,500	4th Sept. 1890	4th Dec. "	28th July "	...	
14	473	Agra Pressing Co., Ld. ...	1,55,000	30th June 1883	18th June "	20th Aug. "	...	
15	644	Baghmundi Gold Prospecting Syndicate, Ld ..	4,00,000	17th Oct. 1890	25th Aug. 1891	...	...	
16	659	People Printing and Publishing Co., Ld. ...	50,000	12th Dec. "	8th Sept. "	...	...	
17	658	Jut Put Gold Mining Co., Ld.	3,00,000	7th Nov. "	21st " "	...	...	
18	649	Bengal Trust and Loan Co., Ld.	20,00,000	4th " "	24th " "	..	...	
19	140	Monacherra Tea Co., Ld....	8,00,000	30th Jan. 1864	31st Oct. 1890	24th Oct. "	...	
20	535	Sherghur Co., Ld. ...	10,000	14th Dec. 1886	27th " 1891	.	...	
21	385	Munjha Tea Co., Ld. ...	1,50,000	10th April 1879	28th Dec. "	...	...	
22	602	Mufassil Bone Crushing and Manure Co., Ld.	1,00,000	30th " 1890	14th Jan. 1892	...	...	
23	412	Mesai Tea Co., Ld.	2,50,000	5th July 1882	23rd " "	...	...	
24	532	Chapaguri Tea Co., Ld. ...	1,50,000	12th " 1886	6th Feb. "	...	...	
25	451	Hooghly Mills Co., Ld. ..	13,50,000	21st Sept. 1882	16th Mar. 1892	...	...	
26	638	Soobunreeka Gold Prospecting Syndicate. Ld.	1,00,000	6th Oct. 1890	30th " "	30th Mar. 1892	...	
27	641	Reliance Gold Syndicate, Ld.	2,50,000	11th " "	29th " "	...	...	
28	200	Durrabhar Co., Ld. ...	60,000	23rd April 1860	11th Nov. 1891	...	...	

No. IV.

Statement showing the Register Numbers and Names of Companies that have reduced their Capital during the year ending 31*st March* 1892.

Number on this list.	Register Number borne by each Company.	Date of Registration.	Amount of original Capital.	NAME OF THE COMPANY.	Date of Reduction.	Amount of Capital reduced.	REMARKS.

Nil.

No V.

Statement of Fees realized under different sections of the Indian Companies Act VI of 1882 *during the year ending* 31*st March* 1892.

NAMES OF COMPANIES.	Section 18.	Section 28.	Section 36.	SECTION 40.		Section 43.	Section 48.	SECTION 57.		SECTION 61.		Section 74.	Section 79.	SECTION 220(c).		Section 173.	Section 187.	Act XXI of 1860.	REMARKS.
				Memo.	Art.			Increase of capital.	Increase of members.	Situation of office.	Change of office.			Search.	Copy.				
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Amluckie Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Chapaguri Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	5	...	...	5	...	...	
Moonshiganj Loan Office, Ld. ...	...	...	...	...	...	...	10	...	...	...	...	10	...	...	...	...	...	...	
Sapakati Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	1	0-8	...	...	...	
Phoolbari Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	10	...	...	...	...	...	
Kilcott Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	5	...	...	...	...	...	
Jetinga Valley Tea Co., Ld	...	...	...	...	...	...	5	...	...	...	...	10	...	...	...	...	...	...	
Pioneer Glass Manufacturing Co., Ld. ...	...	5	...	...	...	...	5	75	...	...	5	5	25	...	...	...	...	...	
Calcutta Gold Prospecting Syndicate, Ld. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	
Ambikanagore Gold Prospecting Syndicate, Ld. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	
Belgachi Tea Co., Ld. ...	...	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Lacknatoora Tea Co., Ld. ...	...	...	...	...	...	...	10	...	...	...	...	10	...	...	...	...	...	...	
Dessai and Parbuttia Tea Co., Ld. ...	...	...	...	...	...	...	10	...	...	...	...	10	...	...	...	...	...	...	
Jalpaiguri Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	15	5	...	...	...	...	...	
Northern Bengal Tea Corporation, Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	10	...	...	...	...	...	
Northern Bengal Railway Co-operative Supply Association, Ld. ...	...	...	...	...	...	...	5	...	...	...	...	10	5	...	...	...	...	...	
O'Hanlon and Co., Ld. ...	...	5	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Pachete Trading Corporation, Ld. ...	...	15	...	...	...	...	...	...	...	...	5	...	10	...	...	...	...	...	
Dhupguri Tea Co., Ld. ...	...	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Mohes Chunder Land Reclamation and Agricultural Improvement Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Sinabhum Mining and Prospecting Syndicate, Ld.	...	5	...	125	5	...	...	...	...	5	...	...	...	...	...	...	...	...	
Rajdoha Mining Co., Ld. ...	...	5	...	525	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Mim Tea Co., Ld. ...	...	...	...	...	...	...	10	...	...	...	...	10	...	...	...	...	...	...	
Rangoon Steam Tramway Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Tukvar Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Strand Bank Press Co. (W. P.) Ld. ...	...	...	...	...	...	...	15	...	...	...	...	15	...	1	...	...	...	...	
Bengal Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Anjuman Tea Co., Ld. ...	...	...	...	...	...	...	10	...	...	...	...	5	5	...	...	...	...	...	
Gouripore Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	10	5	...	...	...	...	...	
Mount Ophir Gold Prospecting Syndicate, Ld. ...	...	5	...	...	...	...	...	...	...	...	...	...	5	1	...	...	...	...	
Atal Tea Co., Ld. ...	...	5	...	150	5	...	5	...	...	5	...	...	10	...	...	...	...	...	
New Mutual Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Second Mutual Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Cutlacherra Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Chalouni Tea Co., Ld. ...	...	...	...	...	...	...	10	...	...	...	...	10	...	...	...	...	...	...	
Calcutta Hospital Nurses Institution	...	...	...	...	...	...	...	...	...	...	...	...	...	2	0-4	...	...	10	
Chota Nagpore Bank, Ld. ...	...	...	...	175	5	...	...	...	...	...	...	...	...	...	...	...	...	...	
Eurasian and Anglo-Indian Family Benefit Fund ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	
Darjeeling Tea and Chinchona Association, Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	10	...	...	...	...	...	
Buxar Co-operative Society, Ld. ...	...	...	...	...	...	...	15	...	...	...	...	15	...	...	...	...	...	...	
Munjha Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	5	...	...	5	...	[illegible]	
Tingree Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Bengal Nagpore Coal Co., Ld. ...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	10	...	...	...	
Longview Tea Co., Ld. ...	...	...	...	...	...	...	10	...	...	...	...	10	...	...	...	...	...	...	
Bengal Ice Manufacturing, Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Seraikela Mining Co., Ld. ...	...	5	...	...	...	...	5	...	...	...	10	...	10	...	...	...	...	...	
Holta Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Bisnauth Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Joonktollee Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	5	5	...	...	...	...	...	...	
Hongkong and Shanghai Banking Corporation ...	...	...	...	...	...	...	5	...	...	...	...	10	...	...	...	...	...	...	
East India Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	

Names of Companies.	Section 18.	Section 26.	Section 36.	Section 40. Memo.	Section 40. Art.	Section 43.	Section 46.	Section 57. Increase of capital.	Section 57. Increase of members.	Section 64. Situation of office.	Section 64. Change of office.	Section 74.	Section 79.	Section 220(e). Search.	Section 220(e). Copy.	Section 173.	Section 167.	Act XXI of 1860.	Remarks.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Sungma Tea Co., Ld. ...	...	...	...	...	...	...	10	...	...	...	...	10	...	.	...	...	...	...	
Bengal Paper Mills Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Sonapahar Gold Prospecting and Mining Co., Ld. ...	...	5	...	...	...	..	5	...	...	...	5	5	...	...	..	...	...	...	
Crystal Ice Supply Co., Ld.	...	...	...	...	...	...	10	...	...	...	...	10	...	...	...	...	...	..	
Dehra Doon Tea Co., Ld. ...	...	...	...	...	...	...	10	...	...	...	...	10	10	..	...	...	...	...	
District Charitable Society...	...	...	...	...	...	...	...	...	..	...	..	...	...	...	...	...	...	5	
Lower Darjeeling Tea Co., Ld.	..	...	..	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Burkhola Tea Co., Ld. ...	...	...	...	...	...	...	5	...	..	...	...	5	...	...	...	...	...	...	
Singlo Tea Co., Ld. ...	...	...	...	...	....	...	5	...	...	...	...	5	..	...	...	...	...	...	
Garden Reach Land Syndicate, Ld.	...	5	...	475	5	...	...	...	...	5	...	...	...	1	...	...	...	...	
Deoghur Railway Co., Ld. ...	...	...	...	...	...	...	5	...	.	...	...	5	...	...	...	...	...	...	
Jaboka Tea Co., Ld. ...	...	5	...	325	10	...	5	...	...	5	...	5	25	...	...	...	...	...	
Darjeeling and Kurseong Hotel and Trading Co., Ld	...	...	...	...	...	...	5	...	...	...	...	10	...	...	...	5	...	...	
Union Tea Co., Ld.	...	...	...	...	...	...	...	...	..	...	...	...	...	1	...	...	...	...	
Reliance Marine Insurance Office, Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	..	
Reliance Gold Syndicate, Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	5	...	...	
Assensol E. I. R. Co-operative Society, Ld.	...	...	...	...	...	...	10	...	..	...	...	10	...	...	...	...	...	...	
Runglee Rungliot Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	3	...	...	...	...	...	...	
Lohardaga Gold Prospecting Syndicate, Ld. ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	
Cossye River Prospecting Syndicate, Ld.	...	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Western Bengal Prospecting Syndicate, Ld.	...	5	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	
Central Chota Nagpur Syndicate, Ld.	...	...	...	...	...	...	...	...	...	5	5	...	15	...	...	5	...	....	
Kurigram Loan Office, Ld. ..	...	...	...	...	5	...	5	20	...	...	...	5	10	...	...	..	...	...	
Okayti Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Central Terai Tea Co., Ld. ...	...	...	...	...	...	...	5	...	..	...	...	5	...	...	...	...	...	...	
Dhunsiri Tea Co., Ld. ...	...	...	...	...	...	..	10	...	...	...	...	10	...	...	...	...	...	...	
Hopetown Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Tingling Tea Co., Ld. ...	...	...	...	...	...	...	10	...	...	...	...	10	...	...	...	...	..	...	
Selim Tea Co., Ld. ...	...	...	...	...	...	..	5	...	..	...	..	5	...	...	..	...	...	...	
Gyabarie Tea Co., Ld. ...	...	...	...	...	...	...	10	...	...	...	...	10	...	...	...	...	...	...	
Sonakhan Gold Mining Co., Ld.	...	...	...	...	...	...	5	...	..	...	5	...	...	4	8	...	...	...	
Pneumatic Husking (S. P.) Syndicate, Ld.	...	5	..	...	5	...	5	...	...	...	...	5	5	...	...	...	...	...	
Tyroon Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	..	
Manbhoom Coal Co., Ld. ...	...	10	...	...	...	..	...	...	..	...	...	5	...	...	...	...	...	...	
Teendarrea Co., Ld. ...	...	...	...	...	...	...	5	...	.	...	.	5	5	...	...	...	...	...	
Barisal Loan Office, Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Gurjang Jhora Tea Co., Ld.	...	...	...	...	...	..	5	...	...	...	...	3	10	...	...	...	...	...	
Bargong Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	..	...	...	...	...	
Singell Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	..	...	...	...	...	...	
Chenga Tea Co., Ld. ...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	.	...	
Bengal Stone Co., Ld. ...	...	...	...	...	...	..	5	...	...	...	...	5	...	1	0-8	...	..	...	
H. Dear & Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	.	5	...	3	10	...	...	...	
Kuttal Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	..	5	...	...	...	...	...	...	
Ramnugger Indigo Concern, Ld.	...	...	...	...	...	...	...	...	...	...	...	5	5	...	...	..	...	...	
Mesai Tea Co., Ld. ...	...	...	...	...	...	...	5	...		...	...	5	5	...	...	5		...	
Pahargoomiah Tea Association, Ld.	...	5	...	175	5	...	5	...	...	5	...	...	15	...	...	...	...	...	
Jalpaiguri Banking and Trading Corporation, Ld.	...	...	...	...	5	...	5	...	...	...	...	5	15	...	...	...	...	..	
Kumlai Tea Association, Ld.	...	...	..	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Needeem Tea Co., Ld. ...	...	...	...	...	...	..	5	...	...	...	...	5	...	...	...	...	...	...	
Grob Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	..	...	...	...	...	..	
Eastern Cachar Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	1	...	...	...	...	
Washabarrie Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Kalacherra Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Kumai Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	..	...	...	...	...	
Loobah Tea Co., Ld.	...	...	...	...	...	...	5	..	...	...	...	5	...	...	..	...	...	..	
Chengmari Tea Co., Ld. ...	...	...	..	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Kaliti Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	..	5	...	...	...	...	...	..	
Shakomato Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	5	...	...	...	...	...	
Calcutta School Book and Useful Literature Society...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	50	
Globe Gold Prospecting and Mining Syndicate, Ld. ...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	5	...	
Kisna Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Tarkessur Railway Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	..	...	...	...	. .	
Bengal Spinning and Weaving Co., Ld.	...	...	...	...	5	...	5	...	...	...	10	10	105	...	...	...	...	...	
Arcuttipore Tea Co., Ld. ...	...	...	...	...	...	...	5	...	.	...	...	5	...	...	..	...	...	...	
Chandypore Tea Co., Ld. ...	.	...	...	...	...	...	5	...	...	...	...	5	..	...	...	...	...	. .	
Central Cachar Tea Co., Ld.	...	...	...	...	...	...	5	...	..	...	..	5	...		...	...	...	. .	
Kurseong and Darjeeling Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	.	.	
Chincoorie Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	..	...	...	...	...	...	
Kallinugger and Khoral Tea Co., Ld.	...	...	..	...	...	...	5	...	...	...	..	5	...	...	...	...	...	..	
New Cinnatolliah Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	.	...	
Mondakata Tea Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	.	...	
Jalpar Tea Estates, Ld. ...	...	...	...	...	...	...	5	...	..	...	...	5	...	...	...	...	..	...	
Bankipore Loan Office, Ld	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	.	
Darjeeling Himalayan Railway Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	..	...	
Jherriah-Katras Syndicate, Ld.	...	...	...	225	5	...	...	...	...	5	...	5	...	...	...	...	...	...	
Triton Insurance Co., Ld. ...	...	...	...	...	...	...	5	..	...	...	...	5	...	...	..	...	...	...	
Amber Gold Prospecting Syndicate, Ld.	...	...	...	...	...	...	...	...	...	...	5	5	...	1	...	5	5	...	
Kalinia Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	..	...	
Bor Pukhuria Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	..	...	...	...	...	
Photographic Society of India	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	55	
Dhadka Mining Co., Ld. ...	...	...	...	...	...	...	5	...	...	...	5	5	30	2	2	...	...	...	
Bengal Trust and Loan Co., Ld.	...	...	...	...	...	...	5	...	...	...	..	5	...	3	10	5	...	...	

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				Memo.	Art.			Increase of capital.	Increase of members.	Situation of office.	Change of office.			Search.	Copy.				
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Sissi Saw Mills and Trading Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	15	...	...	...	...	...	...	
Chota Nagpur Gold and Mining Co., Ld.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	
Indian Patent Stone Co., Ld.	...	5	...	125	5	5	...	...	...	...	...	...	...	...	...	...	...	...	
Ditto	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	
Umballa Bank, Ld.	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	
Hotewar Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Lohagur Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Faridpur Loan Office, Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Gairkhata Tea Co., Ld.	...	...	...	...	...	...	5	20	...	...	...	5	5	...	...	...	...	...	
Hitabadi Printing and Publishing Co., Ld.	...	...	...	60	...	...	...	...	...	5	...	...	...	...	...	...	...	...	
Agricultural Phosphates Co., Ld.	...	...	...	...	5	...	5	...	...	...	...	5	10	...	...	...	...	...	
Pingna Trading Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Tippera Loan Office, Ld.	...	...	...	...	...	...	5	...	...	...	...	5	5	...	...	...	...	...	
Pabna Bank, Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Budge-Budge Jute Mills Co., Ld.	...	...	...	...	...	...	10	...	...	...	...	5	...	...	...	...	...	...	
Sonepur Syndicate, Ld.	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	
Indian Tea Supply Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Bengal Timber Trading Co., Ld.	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	
Jutput Gold Mining Co., Ld.	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	5	...	...	
Ghatail Sanilоni Dhan-bhanda Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Pashok Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Nahartoli Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Chamurchi Tea Co., Ld.	...	...	...	115	5	...	...	...	...	5	...	...	...	...	...	...	...	...	
Chumta Tea Co., Ld.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	
Adulpore Terai Tea Co., Ld.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	
Patkoom Indigo and Trading Co., Ld.	...	...	...	...	...	...	...	...	...	...	...	...	...	5	3	...	...	...	
Bengal Gold and Silver Mining Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	1	...	...	...	...	
Bogra Loan Office, Ld.*	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Majagram Tea Co., Ld.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	
Durrabbar Co., Ld.	...	...	...	...	...	...	10	...	...	...	...	10	...	...	...	...	...	...	
Chota Nagpur Carrying Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Union Pressing Co., Ld.	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	
Hantapara Tea Co., Ld.	...	...	...	...	...	...	5	...	...	5	...	5	...	...	...	...	...	...	
Jaigon Tea Co., Ld.	...	...	...	...	...	...	5	...	...	5	...	5	...	...	...	...	...	...	
Dacca Loan Office, Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	3	...	...	...	...	
Bengal Telephone Co., Ld.	...	...	...	...	5	...	5	...	...	...	...	5	...	...	...	...	...	...	
Tangail Loan Office, Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Nadia Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	10	...	...	...	...	...	
Bahadurpore Tea Co., Ld.	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	
Jeereeghat Native Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Cachar Native Joint Stock Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Kisorgunge Loan Office, Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Panari Trading Corporation, Ld.	...	5	...	175	5	...	...	...	...	...	...	...	...	...	...	...	...	...	
Jamalpore Co-operative Association, Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Ramkistopore Press Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Digh Pait Millit Dhan Bhandar Co., Ld	...	...	...	...	...	...	5	85	...	...	...	5	20	...	...	...	...	...	
Co-operative Pharmacy Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Metala Prospecting Syndicate, Ld.	...	5	...	...	...	...	...	10	...	5	...	...	15	...	...	...	...	...	
Punkabarrie Tea Co., Ld.	...	...	...	...	...	...	10	...	...	...	...	10	...	...	...	...	...	...	
Haldibari Tea Association, Ld.	...	...	...	...	...	...	10	...	...	...	...	10	...	...	...	...	...	...	
Sath Bhaia Tea Co., Ld.	...	...	...	...	...	...	10	...	...	...	...	10	...	...	...	...	...	...	
Singbulli and Murmah Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	5	...	...	...	...	...	
New Chumta Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Geille Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Second Fallodhi Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Iringmarrah Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Naga Dhoolie Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Hindoo Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Karnafuli Association, Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Altadanga Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
South Sylhet Supply Society, Ld.	...	...	...	40	5	...	...	...	...	5	...	...	...	...	...	...	...	...	
Great Eastern Hotel, Wine and General Purveying Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Mymensingh Loan Office, Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Jessore Loan Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
New Birbhum Coal Co., Ld.	...	...	...	...	...	...	5	...	...	...	5	10	5	...	...	...	...	...	
Sahar Serpur Loan Office, Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Noakhali Loan Office, Ld.	...	...	...	...	...	...	30	...	...	...	...	30	...	...	...	...	...	...	
Nagra Timber Co., Ld.	...	5	...	80	5	...	10	...	...	5	...	...	15	...	...	...	...	...	
Baghmundi Gold Mining Co. Ld.	...	...	...	...	...	...	...	...	...	...	5	...	5	1	...	5	...	...	
Ranchi Gold Prospecting Syndicate, Ld.	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	5	...	
Pat-Pat Gold Mining Co., Ld.	...	...	...	...	...	...	10	...	...	5	...	10	...	...	...	...	...	...	
Kharsowan Gold Syndicate, Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
"People" Printing and Publishing Co., Ld.	...	...	...	...	...	...	...	...	...	...	...	...	5	1	...	5	...	...	
Nowdeah Prospecting Syndicate, Ld.	...	5	...	125	5	...	5	...	...	10	...	...	15	...	...	...	...	...	
Bowreah Cotton Mills Co., Ld	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Hooghly Mills Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	10	5	...	...	5	...	...	

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				Memo.	Art.			Increase of capital.	Increase of members.	Situation of office.	Change of office.			Search.	Copy.				
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Central Jute Mills Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Elysium Dramatic Co., Ld.	...	...	...	225	10	...	5	...	...	5	...	...	5	...	...	...	...	...	
Negah Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Durrung Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Kallyanpur Behar Gold Mining Co., Ld.	...	5	...	525	5	...	...	...	...	5	...	...	45	1	...	...	...	...	
Chitpore Hydraulic Pressing Co., Ld.	...	...	...	...	...	...	10	...	...	...	5	10	...	...	...	...	...	...	
Raneegunge Coal Association, Ld	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Burrakur Coal Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Indian Metals Manufacturing Co., Ld.	...	...	...	175	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Fort Gloster Jute Manufacturing Co., Ld.	...	...	...	...	...	...	5	...	...	5	...	5	...	...	...	...	...	...	
Kanknarrah Co., Ld.	...	...	...	...	...	...	10	...	...	...	...	10	...	...	...	...	...	...	
Kamarhatty Co., Ld.	...	...	...	...	...	...	10	...	...	...	...	10	...	...	...	...	...	...	
New Agra Pressing Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Calcutta Flour Mills Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	10	...	...	...	...	...	...	
Agra Pressing Co., Ld.	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	5	...	
Arya Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	
Selim Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Nasmyth's Patent Press Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Nashabad Loan Office, Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Chaitanya Library and Beadon Square Literary Club	...	...	...	...	...	...	...	...	...	...	...	...	...	1	4	...	...	55	
Calcutta Hackney Carriage Co., Ld.	...	...	...	...	...	...	...	25	...	...	5	...	10	2	2-2	...	...	...	
Empress of India Cotton Mills Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	5	...	...	...	...	...	
Dunbar Cotton Mill, Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Debing Co., Ld.	...	...	...	...	...	...	5	...	...	...	5	5	...	1	2	...	...	...	
Borobhoom Co., Ld.	...	...	...	...	...	...	...	...	...	...	...	5	5	...	...	...	...	...	
Dhatu Prospecting and Mining Syndicate, Ld.	...	...	...	...	...	...	...	...	...	5	...	5	5	...	...	...	...	...	
Calcutta Hydraulic Press Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Titaghur Paper Mills Co., Ld.	...	...	...	...	...	...	5	50	...	...	...	10	...	...	...	...	...	...	
Bengal Gas Co., Ld.	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	
Tangail Trading Co., Ld.	...	...	...	100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Khobong Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Chota Nagpore Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	5	5	...	...	...	...	...	...	
Bengal Coal Co., Ld.	...	...	...	...	...	...	5	...	...	...	5	5	...	...	...	...	...	...	
Kinmond & Co., Ld.	...	...	...	40	5	...	...	...	...	5	...	...	...	...	...	...	...	...	
Oriental Ice Manufacturing Co., Ld.	...	...	...	...	...	...	5	25	...	...	...	5	5	...	...	...	...	...	
Moran Tea Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	5	...	...	...	...	...	
Canal Press Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Camperdown Pressing Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Dehing Saw Mills Co., Ld.	...	...	...	...	...	...	...	...	...	...	5	...	...	2	...	...	...	...	
Killing Valley Tea Association, Ld.	...	...	...	115	5	...	...	...	...	...	...	...	...	...	...	...	...	...	
Dumra Gold Prospecting Syndicate Co., Ld.	...	...	...	...	...	...	5	85	...	...	...	5	...	...	...	...	...	...	
Eastern Steam Navigation Co., Ld.	...	...	...	225	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Calcutta Central Press Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Sylhet Loan Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Palgunge Gold Prospecting Syndicate, Ld.	...	...	...	...	...	...	...	...	...	...	5	5	...	...	...	...	...	...	
Bengal Baraganda Copper Co., Ld.	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	
Western Patkoom Gold Prospecting Syndicate, Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	1	...	...	...	...	
India General Steam Navigation Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	10	...	...	...	...	...	...	
Nurbang Tea Co., Ld.	...	10	...	165	5	...	...	...	...	5	...	...	...	...	...	...	...	...	
Monacherra Tea Co., Ld.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	
Rajmahal Stone Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Indian Imperial Marine Insurance Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Thomson's Ink and Chemical Manufacturing Co., Ld	...	5	...	100	...	...	...	...	...	5	...	...	...	...	...	...	...	...	
Howrah Docking Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	10	...	...	...	...	...	...	
Sherghur Co., Ld.	...	...	...	...	...	...	...	...	...	...	...	...	5	2	0-8	5	...	...	
Sylhet Cultivating Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Kayastha Trading Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Goosery Cotton Mills Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	1	1-4	...	...	...	
Patkoom Prospecting Syndicate, Ld.	...	...	...	...	...	...	5	...	...	5	...	5	...	2	...	...	...	...	
Thompson's Carriage Co., Ld.	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	
Behar Trading Co., Ld.	...	...	...	40	5	...	...	...	...	5	...	...	...	...	...	...	...	...	
Dacca Steam Mill Co., Ld.	...	...	...	60	5	...	...	...	...	...	...	...	...	...	...	...	...	...	
John King & Co., Ld.	...	5	...	225	5	...	...	...	...	5	...	...	...	...	...	...	...	...	
Family Relief Fund Co., Ld.	...	...	...	100	5	...	...	...	...	...	...	...	...	...	...	...	...	...	
India General Gas Co., Ld.	...	...	...	275	5	...	...	...	...	5	...	...	...	...	...	...	...	...	
Bengal Purveying Co., Ld.	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	
Glenburn Tea Co., Ld.	...	5	...	160	5	...	...	...	...	5	...	...	...	...	...	...	...	...	
Khulna Trading Co., Ld.	...	...	...	10)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Arakan Petroleum Oil Co., Ld.	...	...	...	...	...	...	10	...	...	...	...	10	...	...	...	...	...	...	
Mufassal Bone Crushing and Manure Co., Ld.	...	...	...	...	...	...	...	...	...	5	...	5	...	3	6-12	5	...	...	
Monsbarrie Tea Co., Ld.	...	...	...	155	5	...	...	...	...	5	...	...	...	...	...	...	...	...	
Kurigram Model Co., Ld.	...	...	...	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Khulna Loan Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Rajshahi Dhanes Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	...	...	...	...	...	
Equitable Coal Co., Ld.	...	...	...	...	...	...	5	...	...	...	...	5	...	1	2	...	...	...	
Imperial Paper Mills Co., Ld.	...	...	...	595	5	...	...	...	...	5	...	...	...	...	...	...	...	...	

Names of Companies.	Section 18.	Section 28.	Section 36.	Section 40. Memo.	Section 40. Art.	Section 42.	Section 48.	Section 57. Increase of capital.	Section 57. Increase of members.	Section 64. Situation of office.	Section 64. Change of office.	Section 74.	Section 79.	Section 220(e). Search.	Section 220(e). Copy.	Section 173.	Section 187.	Act XXI of 1866.	Remarks.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Ringtong Tea Co., Ld.							5					5							
Sonapet Proprietary Gold Mining Co., Ld.							5					5							
Mining and Prospecting Syndicate, Ld.							5					5							
India Pressing Co., Ld.							5					5							
Bengal Silk Co., Ld.							5					5							
Calcutta Landing and Shipping Co., Ld.							5					5							
Union Jute Co., Ld.							5					5	5						
Mothola Co., Ld.							5				5	5							
Seebpore Jute Manufacturing Co., Ld.							5					5							
Howrah Mills Co., Ld.							5					5							
Singtom Tea Co., Ld.							5					5							
Mohurgong Tea Co., Ld.							5					5							
Riverside Press Co., Ld.							5					5							
United Service Medical Hall Association, Ld.												10					5		
Spring Side Tea Co., Ld.							5					5							
Ramgurh Co., Ld.							5					5							
Damuda Coal Co., Ld.							5					5							
Mooltee Tea Co., Ld.							5	25				5	5						
Matell Tea Co., Ld.							5					5							
Calcutta Trades Association												5							
Eastern Ranchi Gold Prospecting Syndicate, Ld.														1					
Good Hope Tea Co., Ld.							5					5							
Borrea Coal Co., Ld.							5					5							
Calcutta Steam Navigation Co., Ld.							5					5							
Soom Tea Co., Ld.							5					5							
New Glencoe Tea Co., Ld.							5					5							
Manabarrie Tea Co., Ld.							5					5							
Ellenbaree Tea Co., Ld.							5					5							
Nagaissaree Tea Co., Ld.							5					5							
Jamalpore Ice Manufacturing Co., Ld.							5					5							
Carew and Co., Ld.							5					5							
Indian Terai Tea Co., Ld.							5					5							
Bamnbaree Tea Co., Ld.							5					5							
Hooghly Mills Co., Ld.		5		853	5	5				5									
Natal Trading Co., Ld.							5					5							
Gangaram Tea Co., Ld.							5					5							
Carron Tea Co., Ld.							5					5							
Hope Tea Co., Ld.							5					5							
Jessop and Co., Ld.							5					5							
Rajabaree Tea Co., Ld.							5					5							
Puttareah Tea Co., Ld.							5					5							
North-Western Cachar Tea Co., Ld.							5					5							
Bengal Safety Match Manufacturing Co., Ld.				80	5														
Oriental Trading Co., Ld.				60															
Tezpore and Gogra Tea Co., Ld.							5					5							
Dalhousie Institute																		5	
Chulsa Tea Co., Ld.							5					5							
Zurantee Tea Co., Ld.							5					5							
Bagracote Tea Co., Ld.							5					5							
Baintgoorie Tea Co., Ld.							5					5							
Calcutta Cotton Mills Co., Ld.							5					5							
Hoolungooree Tea Co., Ld.							5					5							
Sylhet Tea Co., Ld.							5					5							
Sooburnreeka Gold Prospecting Syndicate, Ld.																5	5		
Hoolmarie Tea Co., Ld.							5					5							
	...	185	.	7,808	185	10	1,430	420	...	170	120	1,525	610	63	57-14	100	50	185	

No. VI.

Statement showing the number and names of existing Companies working in Bengal for the year ending 31st March 1892.

Banking and Insurance Companies.

Serial number.	Number.	Names of Companies.	Date of registration.	Nominal capital.	Paid-up capital.	Date of last balance sheet filed.	Remarks.
				Rs.	Rs.		
1	1	Hong-Kong and Shanghai Banking Corporation	7th April 1869	2,25,00,000	2,25,00,000	31st December 1891	
2	2	Faridpur Loan Office, Ld.	18th June 1870	20,000	19,820	12th April "	
3	3	Tippera Loan Office, Ld.	28th March 1871	1,00,000	95,990	12th " "	
4	4	Mymensingh Loan Office, Ld.	23rd Sept. 1873	1,00,000	79,520	12th " "	
5	5	Barisal Loan Office, Ld.	17th Nov. "	20,000	18,000	12th March "	
6	6	Bogra Loan Office, Ld.	8th Nov. 1874	20,000	12,500	12th April "	
7	7	Nasirabad Loan Office, Ld.	28th Sept. 1875	50,000	27,820	12th " "	
8	8	Jessore Loan Co., Ld.	12th April 1876	1,20,000	1,00,000	31st March "	
9	9	Sahar Serpur Loan Office, Ld.	26th June 1876	30,000	15,170	12th April "	
10	10	Moonsheegunge Loan Office, Ld.	28th July "	20,000	12,019	18th January 1890	
11	11	Hindoo Union Bank, Ld.	26th Feb. 1880	20,000	1,530	31st December 1890	
12	12	Dacca Loan Office, Ld.	29th March "	2,00,000	1,80,000	12th April 1891	
13	13	Sylhet Loan Co., Ld.	12th August 1881	20,000	6,690	15th July "	

Serial number.	Number.	Names of Companies.	Date of registration.	Nominal capital.	Paid-up capital.	Date of last balance sheet filed.	Remarks.
				Rs.	Rs.		
14	14	Chota Nagpur Banking Association, Ld.	21st Feb. 1883	20,000	10,850	31st December 1891	
15	15	Pabna Bank, Ld.	8th August ,,	20,000	15,000	12th April ,,	
16	16	Kisoregunge Loan Office, Ld.	19th Sept. ,,	50,000	32,370	12th ,, ,,	
17	17	Noakhali Loan Office, Ld.	2nd March 1885	20,000	6,870	12th ,, ,,	
18	18	Tangail Loan Office, Ld.	12th Feb. 1887	50,000	26,270	12th ,, ,,	
19	19	Ghatail Sanmilani Dhan Bhandar Co., Ld.	27th July ,,	20,000	16,900	12th ,, ,,	
20	20	Kurigram Loan Office, Ld.	4th August ,,	20,000	16,860	13th January 1892	
21	21	Khulna Loan Co., Ld.	15th Sept. ,,	15,000	15,000	31st December 1891	
22	22	Digh Pait Milit Dhan Bhandar Co., Ld.	2nd May 1888	1,00,000	18,890	12th April ,,	
23	23	Jalpaiguri Banking and Trading Corporation, Ld.	23rd ,, 1889	1,00,000	8,892	31st December 1890	
24	24	Bankipore Loan Office, Ld.	24th March 1890	50,000	12,976	31st March 1891	
25	25	Umballa Bank, Ld.	13th January 1891	2,00,000	...	...	
26	26	Chota Nagpur Bank, Ld.	11th April ,,	2,00,000	...	...	
27	27	Triton Insurance Co., Ld.	5th Sept. 1887	22,50,000	4,50,000	31st December 1890	
28	28	Reliance Marine Insurance Office, Ld. ...	9th Nov. ,,	20,00,000	52,500	31st ,, ,,	
29	29	Indian Imperial Marine Insurance Co., Ld.	3rd July 1889	30,00,000	3,75,000	30th June 1891	
				3,13,25,000	2,40,94,988		

Trading Companies.

Serial number.	Number.	Names of Companies.	Date of registration.	Nominal capital.	Paid-up capital.	Date of last balance sheet filed.	Remarks.
30	1	Darjeeling-Himalayan Railway Co., Ld.	10th April 1870	17,50,000	17,50,000	31st Dec. 1890	
31	2	Deoghur Railway Co., Ld.	30th January 1882	2,75,000	2,75,000	31st ,, 1891	
32	3	Tarkessur Railway Co., Ld.	18th Feb. 1884	17,50,000	17,50,000	31st ,, 1890	
33	4	Bengal Provincial Railway Co., Ld. ...	23rd June 1890	8,00,000	...	...	
34	5	Rangoon Steam Tramway Co., Ld. ...	15th Feb. 1880	7,50,000	6,00,000	31st Dec. 1891	
35	6	Patna Tramway Co., Ld.	28th August ,,	2,00,000	...	...	
36	7	Assansol East Indian Railway Co-operative Society, Ld.	13th Feb. 1873	10,000	10,000	31st Dec. 1891	
37	8	Buxar Co-operative Society, Ld.	25th May ,,	4,000	4,000	31st ,, ,,	
38	9	Northern Bengal Railway Co-operative Supply Association, Ld.	30th ,, 1882	11,400	11,400	31st ,, ,,	
39	10	Assansol Railway Co-operative Ice and Ærated Water-supply, Ld.	30th Nov. 1887	16,000	16,000	31st ,, 1890	
40	11	Jamálpur Co-operative Association, Ld.	4th August 1890	8,000	4,000	30th April 1891	
41	12	South Sylhet Supply Society, Ld. ..	10th July 1891	12,000	...	...	
42	13	India General Steam Navigation Co., Ld.	14th August 1890	80,00,000	70,74,400	30th June 1891	
43	14	Orissa Coasting Steam Navigation Co., Ld.	24th ,, 1882	4,00,000	2,84,975	31st Dec. 1889	
44	15	Calcutta Steam Navigation Co., Ld. ...	8th Nov. ,,	8,40,000	8,40,000	31st Dec. 1891	
45	16	Eastern Steam Navigation Co., Ld. ...	3rd October 1891	3,00,000	...	...	
46	17	Calcutta Landing and Shipping Co., Ld.	7th August 1863	5,00,000	4,20,000	31st October ,,	
47	18	R. Scott, Thomson & Co., Ld.	1st April ,,	5,00,000	4,67,000	31st March ,,	
48	19	Howrah Docking Co., Ld.	15th Sept. ,,	8,00,000	8,00,000	30th June ,,	
49	20	Agricultural Phosphates Co., Ld. ...	18th Dec. 1873	1,00,000	85,000	31st Dec. 1890	
50	21	Narail Trading Co., Ld.	20th March 1879	20,000	6,668	31st ,, ,,	
51	22	Pinga Trading Co., Ld.	7th Feb. 1881	1,00,000	50,000	12th April 1891	
52	23	Panari Trading Corporation, Ld. ...	24th June 1891	2,00,000	...	...	
53	24	Tangail Trading Co., Ld.	10th Sept. ,,	50,000	...	...	
54	25	Bihár Trading Co., Ld.	5th Dec. ,,	20,000	...	...	
55	26	Khulna Trading Co., Ld.	2nd January 1892	50,000	...	...	
56	27	Kurigram Model Co., Ld.	18th ,, ,,	20,000	...	...	
57	28	Co-operative Pharmacy Co., Ld.	31st May 1882	50,000	29,940	30th April 1890	
58	29	Hitabadi Printing and Publishing Co., Ld.	29th ,, 1891	25,000	...	...	
59	30	Tangra Tannery and Manure Co., Ld. ...	10th ,, 1890	50,000	50,000	31st Dec. ,,	
60	31	Great Eastern Hotel, Wine and General Purveying Co., Ld.	4th Feb. 1886	12,00,000	12,00,000	30th April 1891	
61	32	Indian Tea Supply Co., Ld.	8th Dec. 1887	3,00,000	3,00,000	31st March ,,	
62	33	H. Dear and Co., Ld.	15th June 1888	6,00,000	6,00,000	31st October 1890	
63	34	Bihár Commercial Co., Ld.	20th Nov. ,,	20,000	...	...	
64	35	Chota Nagpur Carrying Co., Ld. ...	20th Feb. 1889	20,000	7,448	31st Dec. ,,	
65	36	Kayastha Trading Co., Ld.	5th March ,,	20,000	8,600	30th June 1891	
66	37	Bengal Timber Trading Co., Ld.	24th Feb. 1891	1,00,000	...	...	
67	38	Nagra Timber Co., Ld.	24th July ,,	40,000	...	...	
68	39	Jessop & Co., Ld.	7th Nov. 1889	9,00,000	9,00,000	31st October 1891	
69	40	O'Hanlon & Co., Ld.	11th Feb. 1891	10,000	10,000	20th August ,,	
70	41	Kinmond & Co., Ld.	14th Sept. ,,	10,000	...	...	
71	42	Elysium Dramatic Co., Ld.	8th August ,,	3,00,000	...	...	
72	43	John King & Co., Ld.	11th Dec. ,,	3,00,000	...	...	
73	44	Rajshahi Dhanes Co., Ld.	4th Feb. 1890	20,000	1,105	1st Feb. 1892	
74	45	Calcutta Skating and Amusement Club, Ld.	24th ,, ,,	1,00,000	...	...	
75	46	Oriental Trading Co., Ld.	25th March 1892	30,000	...	...	
				2,15,81,400	1,75,55,736		

Mills and Presses.

Serial number.	Number.	Names of Companies.	Date of registration.	Nominal capital.	Paid-up capital.	Date of last balance sheet filed.	Remarks.
76	1	Goosery Cotton Mills Co., Ld.	9th Oct. 1863	15,00,000	15,00,000	31st Dec. 1891	
77	2	Bowreah Cotton Mills Co., Ld.	7th Aug. 1872	18,00,000	18,00,000	28th Feb. ,,	
78	3	Dunbar Cotton Mill, Ld.	18th Dec. 1874	14,00,000	9,29,950	31st Dec. 1890	
79	4	Empress of India Cotton Mills Co., Ld....	19th April 1877	8,75,000	8,75,000	31st ,, 1891	
80	5	Calcutta Cotton Mills Co., Ld.	5th Jan. 1880	5,00,000	4,91,500	31st ,, ,,	By oversight shown "4,92,050—1890-91."
81	6	Bengal Spinning and Weaving Co., Ld....	18th April 1890	10,00,000	28,844	30th June ,,	
82	7	Budge-Budge Jute Mills Co., Ld. ...	21st April 1878	18,00,000	14,40,000	30th April 1890	
83	8	Central Jute Mills Co., Ld.	8th Aug. 1890	7,00,000	6,99,250	30th June 1891	
84	9	Fort Gloster Jute Manufacturing Co., Ld.	24th Sept. 1890	14,00,000	1,40,000	31st May ,,	
85	10	Sibpur Jute Manufacturing Co., Ld. ...	28th Nov. 1889	10,00,000	10,00,000	31st Dec. ,,	
86	11	Howrah Mills Co., Ld.	18th Sept. 1890	26,25,000	26,25,000	31st ,, ,,	
87	12	Gouripore Co., Ld.	12th April 1878	12,00,000	12,00,000	31st ,, ,,	
88	13	Kamarhatty Co., Ld.	28th Sept. 1877	8,00,000	4,00,000	31st ,, ,,	
89	14	Union Jute Co., Ld.	5th Oct. 1880	12,00,000	9,00,000	31st ,, ,,	
90	15	Hooghly Mills Co., Ld.	16th March 1892	37,80,000	...	...	
91	16	Kanknarrah Co., Ld.	30th Dec. 1882	14,00,000	9,26,000	31st Dec. ,,	
92	17	Bengal Silk Co., Ld.	20th June 1881	3,50,000	3,50,000	31st Oct. ,,	
93	18	Nasmyth's Patent Press Co., Ld. ...	16th Sept. 1867	4,00,000	4,00,000	30th June ,,	
94	19	Calcutta Hydraulic Press Co., Ld. ...	10th April 1873	1,70,000	1,70,000	30th ,, ,,	
95	20	Watson's Patent Press Co., Ld.	25th Feb. 1874	3,00,000	3,00,000	31st Dec. 1890	
96	21	Ramkistopore Press Co., Ld.	23rd April ,,	1,30,000	1,30,000	31st March 1891	
97	22	Riverside Press Co. (W. P.), Ld. ...	13th July ,,	3,00,000	2,99,800	31st Dec. ,,	

Serial number.	Number	Names of Companies.	Date of registration.	Nominal capital.	Paid-up capital.	Date of last balance sheet filed.	Remarks.
				Rs.	Rs.		
98	23	Strand Bank Press Co. (W. P.), Ld. ...	24th July 1874	2,50,000	2,50,000	31st Jan. 1892	
99	24	Chitpore Hydraulic Pressing Co., Ld. ...	17th March 1870	4,00,000	4,00,000	31st Dec. 1891	
100	25	Canal Press Co., Ld.	20th Sept. 1881	2,40,000	2,40,000	31st July ,,	
101	26	Camperdown Pressing Co., Ld.	25th July 1882	5,00,000	4,30,000	31st ,, ,,	
102	27	New Agra Pressing Co., Ld.	18th June 1890	70,000	56,000	30th June ,,	
103	28	India Pressing Co., Ld.	13th Aug. 1883	1,50,000	1,50,000	31st Dec. ,,	
104	29	Titaghur Paper Mills Co., Ld.	28th July 1882	10,00,000	9,00,000	30th June ,,	
105	30	Bengal Paper Mills Co., Ld.	28th Jan. 1890	7,00,000	5,85,745	31st Dec. 1890	
106	31	Imperial Paper Mills Co., Ld.	10th Feb. 1892	12,00,000	...	...	
107	32	Dehing Saw Mills Co., Ld.	23rd ,, 1889	1,00,000	40,700	31st Dec. 1889	
108	33	Sissi Saw Mills and Trading Co., Ld. ...	22nd Oct. ,,	2,00,000	2,00,000	31st ,, 1891	
109	34	Calcutta Flour Mills Co., Ld.	18th Dec. ,,	1,50,000	1,50,000	31st ,, ,,	
110	35	Dacca Steam Mill Co., Ld.	9th ,, 1891	30,000	...	...	
111	36	Calcutta Central Press Co. Ld.	21st April 1865	75,000	70,700	30th April ,,	
				2,96,05,000	2,12,38,489		

Planting Companies.

Serial number.	Number	Names of Companies.	Date of registration.	Nominal capital.	Paid-up capital.	Date of last balance sheet filed.	Remarks.
112	1	Bengal Tea Co., Ld.	23rd Nov. 1859	10,00,000	9,48,520	31st Dec. 1891	
113	2	Balasun Tea Co., Ld.	21st Feb. 1860	2,00,000	2,00,000	31st ,, 1890	
114	3	East India Tea Co., Ld.	7th Aug. 1861	10,00,000	10,00,000	31st ,, 1891	
115	4	Sylhet Tea Co., Ld.	18th Dec. ,,	1,50,000	1,49,633	1st Jan. 1892	
116	5	Ramghur Co., Ld.	13th May 1862	10,00,000	4,25,000	31st Dec. 1891	
117	6	Soom Tea Co., Ld.	20th Nov. ,,	3,00,000	3,00,000	31st ,, ,,	
118	7	Punkabarie Tea Co., Ld.	9th March 1863	2,50,000	2,18,342	31st ,, ,,	
119	8	Dehra Doon Tea Co., Ld.	31st ,, ,,	20,00,000	8,78,000	31st ,, ,,	
120	9	Central Cachar Tea Co., Ld.	2nd May ,,	10,00,000	10,00,000	31st ,, 1890	
121	10	Bishnauth Tea Co., Ld.	6th ,, ,,	11,00,000	8,25,000	31st ,, 1891	
122	11	Eastern Cachar Tea Co., Ld.	15th July ,,	7,00,000	7,00,000	31st ,, 1890	
123	12	Kurseong and Darjeeling Tea Co., Ld. ...	12th Dec. ,,	8,00,000	6,54,300	31st ,, ,,	
124	13	Durrung Tea Co., Ld.	4th Jan. 1864	5,00,000	4,65,000	31st ,, ,,	
125	14	Tukvar Co., Ld.	20th Feb. ,,	12,00,000	7,34,300	31st ,, 1891	
126	15	Moran Tea Co., Ld.	20th July ,,	6,00,000	4,80,000	31st ,, 1890	
127	16	Kuttal Tea Co., Ld.	21th Jan. 1867	1,00,000	1,00,000	31st ,, 1891	
128	17	Chandypore Tea Co., Ld.	8th Aug. ,,	2,50,000	2,50,000	31st ,, 1890	
129	18	New Mutual Tea Co., Ld.	15th ,, 1868	1,20,000	1,17,750	31st ,, 1891	
130	19	Arcuttipore Tea Co., Ld.	10th Jan. 1869	3,00,000	3,00,000	31st ,, 1890	
131	20	Cutlacherra Co., Ld.	30th May 1871	2,70,000	2,50,000	31st ,, ,,	
132	21	Singell Tea Co., Ld.	15th Nov. ,,	6,25,000	6,25,000	31st ,, 1891	
133	22	Indian Terai Tea Co., Ld.	4th Dec. ,,	1,50,000	1,50,000	31st ,, ,,	
134	23	Hoolungooree Tea Co., Ld.	23rd March 1872	4,00,000	4,00,000	31st ,, ,,	
135	24	Central Terai Tea Co., Ld.	4th April ,,	4,00,000	4,00,000	31st ,, 1890	
136	25	Dessai and Parbuttiah Tea Co., Ld. ...	15th July ,,	1,80,000	1,80,000	31st ,, 1891	
137	26	Holta Tea Co., Ld.	27th Feb. 1873	3,50,000	3,50,000	31st ,, ,,	
138	27	Kalacherra Tea Co., Ld.	23rd July ,,	2,75,000	2,75,000	31st ,, 1890	
139	28	Singbulli and Murmah Tea Co., Ld. ...	20th Nov. ,,	4,00,000	3,00,000	31st ,, 1891	
140	29	Puttareah Tea Co., Ld.	31st Dec. ,,	2,00,000	2,00,000	31st ,, ,,	
141	30	Springside Tea Co., Ld.	10th Jan. 1874	1,68,000	1,68,000	31st ,, ,,	
142	31	Mothola Co., Ld.	5th March ,,	1,50,000	1,38,000	31st ,, ,,	
143	32	Teendarrea Co., Ld.	28th July ,,	1,35,000	1,35,000	31st ,, 1890	
144	33	Joonktollee Tea Co., Ld.	7th Aug. ,,	80,000	80,000	31st ,, 1891	
145	34	Burkhola Tea Co., Ld.	1st Sept. ,,	2,70,000	2,70,000	31st ,, ,,	
146	35	Tingling Tea Co., Ld.	15th ,, ,,	1,50,000	1,50,000	31st ,, 1890	
147	36	Phœnix Tea Co. (of Cachar), Ld.... ...	9th Oct. ,,	6,25,000	5,35,000	31st ,, 1891	
148	37	Chota Nagpore Tea Co., Ld.	27th Nov. ,,	2,50,000	2,50,000	31st ,, 1890	
149	38	Lackatoorah Tea Co., Ld.	5th Dec. ,,	2,25,000	2,25,000	31st ,, 1891	
150	39	Second Mutual Tea Co., Ld.	26th Feb. 1875	2,35,500	2,03,000	31st ,, ,,	
151	40	Mim Tea Co., Ld.	6th March ,,	1,60,000	1,59,000	31st ,, ,,	
152	41	Gielle Tea Co., Ld.	20th ,, ,,	5,00,000	4,00,000	31st ,, 1890	
153	42	Hoolmaree Tea Co., Ld.	25th ,, ,,	1,20,000	1,20,000	31st ,, 1891	
154	43	Sapakati Tea Co., Ld.	1st May ,,	88,000	88,000	31st ,, ,,	
155	44	Rajabaree Tea Co., Ld.	5th ,, ,,	2,00,000	2,00,000	31st ,, ,,	
156	45	Grob Tea Co., Ld.	21st June ,,	6,00,000	5,00,000	31st ,, 1890	
157	46	North-Western Cachar Tea Co., Ld. ...	25th Jan. 1876	2,76,000	2,76,000	31st ,, 1891	
158	47	Runglee Rungliot Tea Co., Ld.	21st Feb. ,,	1,40,000	1,40,000	31st ,, ,,	
159	48	Amluckie Tea Co., Ld.	25th July ,,	4,46,500	4,45,700	31st ,, 1890	
160	49	Cachar Native Joint-Stock Co., Ld. ...	31st Aug. ,,	1,00,000	53,675	31st ,, ,,	
161	50	Teesta Valley Tea Co., Ld.	20th Nov. ,,	3,50,000	3,20,000	31st ,, ,,	
162	51	Dehing Co., Ld.	5th Jan. 1877	10,00,000	9,00,000	31st ,, 1891	
163	52	Dhunsiri Tea Co., Ld.	23rd March ,,	1,60,000	1,60,000	31st ,, 1890	
164	53	Good Hope Tea Co., Ld.	2nd May ,,	1,15,000	1,00,000	31st ,, 1891	
165	54	Hotewar Tea Co., Ld.	16th July ,,	56,000	56,000	31st ,, 1890	
166	55	Singtom Tea Co., Ld.	10th Jan. 1878	1,60,000	1,60,000	31st ,, 1891	
167	56	Bahadurpore Tea Co., Ld....	19th March ,,	20,000	17,030	31st ,, 1890	
168	57	Hindu Tea Co., Ld.	12th July ,,	35,000	24,500	31st ,, ,,	
169	58	Loobah Tea Co., Ld.	27th Sept. ,,	7,00,000	5,45,300	31st ,, ,,	
170	59	Longview Tea Co., Ld.	16th Jan. 1879	3,44,000	3,44,000	31st ,, 1891	
171	60	Darjeeling Tea and Cinchona Association, Ld.	16th ,, ,,	2,00,000	2,00,000	31st ,, 1890	
172	61	Kettela Tea Co., Ld.	25th March ,,	1,50,000	1,50,000	31st ,, 1891	
173	62	Jalpaiguri Tea Co., Ld.	29th May ,,	50,000	50,000	31st ,, ,,	
174	63	Washabarie Tea Co., Ld.	8th Aug. ,,	1,50,000	1,50,000	31st ,, 1890	
175	64	Karnafull Association, Ld....	5th Feb. 1880	3,60,000	3,00,000	31st ,, ,,	
176	65	Nahartoli Tea Co., Ld.	14th ,, ,,	1,60,000	1,60,000	31st ,, ,,	
177	66	Rington Tea Co., Ld.	7th Feb. 1881	3,00,000	2,00,000	31st ,, 1891	
178	67	Sungma Tea Co., Ld.	30th March ,,	1,30,000	1,17,000	31st ,, ,,	
179	68	Khobong Tea Co., Ld.	12th April ,,	3,25,000	3,25,000	31st ,, ,,	
180	69	Rungamattee Tea Co., Ld.	15th Feb. 1882	3,50,000	3,50,000	31st ,, ,,	
181	70	Lower Darjeeling Tea Co., Ld.	24th ,, ,,	1,10,000	1,10,000	31st ,, 1890	
182	71	Baint Baree Tea Co., Ld.	14th March ,,	1,00,000	1,00,000	31st ,, 1891	
183	72	Tingri Tea Co., Ld.	21st ,, ,,	5,25,000	5,23,500	31st ,, ,,	
184	73	Ellenbarie Tea Co., Ld.	25th April ,,	1,50,000	1,50,000	31st ,, ,,	
185	74	Pashok Tea Co., Ld.	5th Sept. ,,	2,50,000	2,20,000	31st ,, 1890	
186	75	Northern Bengal Tea Corporation, Ld. ...	28th Sept. ,,	1,00,000	85,400	31st Dec. 1891	
187	76	Gurjang Jhora Tea Co., Ld.	2nd Dec. ,,	50,000	50,000	31st ,, ,,	
188	77	Phoobaree Tea Co., Ld.	20th ,, ,,	5,12,000	5,12,000	31st ,, ,,	
189	78	Bagracote Tea Co., Ld.	17th Feb. 1883	4,00,000	4,00,000	31st ,, ,,	
190	79	Baintgooree Tea Co. (Dooars), Ld. ...	19th ,, ,,	1,70,000	1,50,000	31st ,, ,,	
191	80	Needeem Tea Co., Ld.	1st March ,,	3,00,000	3,00,000	31st ,, 1890	
192	81	Borpukhurie Tea Co., Ld.	11th July ,,	1,50,000	1,50,000	31st ,, ,,	
193	82	Gyabaree Tea Co., Ld.	12th ,, ,,	2,00,000	2,00,000	31st ,, ,,	
194	83	Second Falodhi Tea Co., Ld.	12th ,, ,,	2,00,000	2,00,000	31st ,, ,,	
195	84	Mohurgong Tea Co., Ld.	9th Aug. ,,	1,60,000	1,60,000	31st ,, 1891	
196	85	Bargong Tea Co., Ld.	28th Nov. ,,	1,50,000	1,45,500	31st ,, 1890	
197	86	Matelli Tea Co., Ld.	27th March 1884	2,00,000	2,00,000	31st ,, 1891	
198	87	Kahti Tea Co., Ld.	28th May ,,	80,000	80,000	31st ,, 1890	

Serial number.	Number.	Names of Companies.	Date of registration.		Nominal capital.	Paid-up capital.	Date of last balance sheet filed.		Remarks.
					Rs.	Rs.			
199	88	Selim Tea Co., Ld.	18th July	1884	15,00,000	14,50,500	31st Dec.	1890	
200	89	Tezpore and Gogra Tea Co., Ld.	19th ,,	,,	6,50,000	5,98,800	31st ,,	1891	
201	90	Iringmarrah Tea Co., Ld.	14th Aug.	,,	1,00,000	1,60,000	31st ,,	1890	
202	91	Manaburrie Tea Co., Ld.*	3rd Jan.	1885	2,00,000	2,00,000	31st ,,	1891	
203	92	Naga Dhoolie Tea Co., Ld.	10th Feb.	,,	1,76,000	1,76,000	31st ,,	1890	
204	93	Hopetown Tea Co., Ld.	23rd ,,	,,	1,00,000	1,00,000	31st ,,	,,	
205	94	Hope Tea Co., Ld.	21st March	,,	3,60,000	3,60,000	31st ,,	1891	
206	95	Arya Tea Co., Ld.	16th May	,,	36,575	36 160	31st ,,	,,	
207	96	New Cinnatolliah Tea Co., Ld.	26th ,,	,,	10,000	10,000	31st ,,	1890	
208	97	Mandakata Tea Co., Ld.	22nd Dec.	,,	2,00,000	2,00,000	31st ,,	,,	
209	98	Chincoorie Tea Co., Ld.	22nd ,,	,,	2,00,000	2,00,000	31st ,,	,,	
210	99	Killcott Tea Co., Ld.	29th ,,	,,	2,00,000	2,00,000	31st ,,	1891	
211	100	Chulsa Tea Co. (Dooars), Ld.	5th Jan.	1886	4,00,000	4,00,000	31st ,,	,,	
212	101	Gurantee Tea Co. (Dooars), Ld.	5th ,,	,,	1,00,000	1,60,000	31st ,,	,,	
213	102	Kallinugger and Khoreel Tea Co., Ld. ...	16th ,,	,,	3,00,000	3,00,000	31st ,,	1890	
214	103	Bannockburn Tea Co., Ld.	20th Feb.	,,	2,00,000	2,00,000	31st ,,	1891	
215	104	Jaipur Tea Estates, Ld.	18th March	,,	2,00,000	2,00,000	31st ,,	1890	
216	105	Shakomato Tea Co., Ld.	26th June	,,	2,50,000	2,50,000	31st ,,	,,	
217	106	Singlo Tea Co., Ld.	8th July	,,	12,00,000	12,00,000	31st ,,	,,	
218	107	Chalouni Tea Co., Ld.	29th ,,	,,	2,00,000	2,00,000	31st ,,	1891	
219	108	Jetinga Valley Tea Co., Ld.	25th Feb.	1888	3,00,000	3,00,000	31st ,,	,,	
220	109	Okayti Tea Co., Ld.	5th June	,,	2,00,000	1,00,000	31st ,,	,,	
221	110	New Glencoe Tea Co., Ld.	17th July	,,	2,00,000	2,00,000	31st ,,	,,	
222	111	Carron Tea Co., Ld.	2nd Aug.	,,	1,50,000	1,50,000	31st ,,	,,	
223	112	Nagaisuree Tea Co., Ld.	23rd ,,	,,	2,40,000	2,40,000	31st ,,	,,	
224	113	Gungaram Tea Co., Ld.	27th Sept.	,,	1,00,000	98,500	31st ,,	,,	
225	114	Kumai Tea Co., Ld.	7th Nov.	,,	2,00,000	1,60,000	31st ,,	1890	
226	115	Haldibaree Tea Association, Ld.	27th March	1889	3,00,000	1,56,813	31st ,,	,,	
227	116	Sath Bhaia Tea Co., Ld.	27th ,,	,,	1,00,000	93,750	31st ,,	,,	
228	117	New Chumta Tea Co., Ld.	24th June	,,	1,00,000	1,00,000	31st ,,	,,	
229	118	Hantapara Tea Co., Ld.	6th Aug.	,,	2,00,000	2,00,000	31st ,,	,,	
230	119	Anjuman Tea Co., Ld.	15th ,,	,,	1,50,000	59,995	31st ,,	,,	
231	120	Chengmari Tea Co., Ld.	25th Sept.	,,	5,00,000	1,84,575	31st ,,	,,	
232	121	Nigah Tea Co., Ld.	25th Feb.	1890	1,00,000	42,500	31st ,,	,,	
233	122	Kumlai Tea Association, Ld.	21st March	,,	1,60,000	1,60,000	31st ,,	,,	
234	123	Kisna Tea Co., Ld.	3rd April	,,	8,00,000	1,73,500	31st ,,	,,	
235	124	Jaigon Tea Co., Ld.	3rd May	,,	2,00,000	2,00,000	31st ,,	,,	
236	125	Gairkhata Tea Co., Ld.	14th ,,	,,	2,00,000	1,12,000	31st ,,	,,	
237	126	Jhirighat Native Tea Co., Ld.	9th June	,,	20,000	18,000	31st ,,	,,	
238	127	Kyroon Tea Co., Ld.	21st ,,	,,	1,00,000	1,00,000	31st ,,	1891	
239	128	Lohagur Tea Co., Ld.	19th July	,,	2,10,000	2,10,000	31st ,,	1890	
240	129	Altadanga Tea Co., Ld.	25th Sept.	,,	30,000	6,190	31st ,,	,,	
241	130	Nadia Tea Co., Ld.	30th ,,	,,	60,000	7,200	31st ,,	,,	
242	131	Moortee Tea Co., Ld.	3rd Nov.	,,	2,00,000	1,05,000	31st ,,	1891	
243	132	Belgachi Tea Co., Ld.	9th Mar.	1891	1,50,000	...	...		
244	133	Dhupguri Tea Co., Ld.	23rd March	,,	1,30,000	...	...		
245	134	Atal Tea Co., Ld.	10th April	,,	1,50,000	.	...		
246	135	Jaboka Tea Co., Ld.	22nd ,,	,,	5,00,000	..			
247	136	Pahargoomiah Tea Association, Ld. ...	5th May	,,	2,00 000	...	...		
248	137	Chamurchi Tea Co., Ld.	8th June	,,	75,000	...	...		
249	138	Killing Valley Tea Association, Ld. ...	24th Sept.	,,	80 000	...	...		
250	139	Nurbong Tea Co., Ld.	23rd Oct.	,,	1,80,000	...	...		
251	140	Glenburn Tea Co., Ld.	31st Dec.	,,	1,70,000	...	...		
252	141	Monabarree Tea Co., Ld.	16th Jan.	1892	1,60,000	...	.		
253	142	Sylhet Cultivating Co., Ld.	29th June	1875	20,000	17,275	12th April	1891	
254	143	Patkum Indigo and Trading Co., Ld. ..	30th Sept.	1890	2,25,000	...	.		
255	144	Ramnuggor Indigo Concern, Ld. ...	6th Oct	,,	1,40,000	1,40,000	28th Feb.	1891	
					4,34,24,575	3,57,75,117			

MINING COMPANIES.

Serial number.	Number.	Names of Companies.	Date of registration.		Nominal capital.	Paid-up capital.	Date of last balance sheet filed.		Remarks.
256	1	Kharsowan Gold Syndicate, Ld.	27th June	1890	2,00,000	1,65,000	31st Dec.	1890	
257	2	Western Bengal Prospecting Syndicate, Ld.	8th Aug.	,,	5,50,000	...	..		
258	3	Bengal Gold and Silver Mining Co., Ld.	30th ,,	,,	12,00,000	12,00,000	31st ,,	,,	
259	4	Patpat Gold Mining Co., Ld. . ..	4th Sept.	,,	10,30,000	7,41,840	31st ,,	1891	
260	5	Sonapet Proprietory Gold Mining Co., Ld.	4th ,,	,,	17,24,000	17,24,000	31st ,,	,,	
261	6	Dumra Gold Prospecting Syndicate, Ld.	27th ,,	,,	5,55 500	4,04,000	30th Sept.	,,	
262	7	Patkoom Prospecting Syndicate, Ld. ..	30th ,,	,,	1,00,000	86,675	31st Dec.	,,	
263	8	Dhadka Mining Co., Ld.	30th ,,	,,	10 00,000	10,00,000	31st March	,,	
264	9	Eastern Ranchi Gold Prospecting Syndicate, Ld.	3rd Oct.	,,	9,00,000		...		
265	10	Western Patkoom Gold Prospecting Syndicate, Ld.	8th ,,	,,	12,12,000	12,12,000	30th Sept.	1891	
266	11	Sonakhan Gold and Mining Co., Ld. ...	11th ,,	,,	8,00,000	...	...		
267	12	Sonagiri Gold Prospecting Syndicate, Ld.	16th ,,	,,	1,10,000	...			
268	13	Excelsior Land and Prospecting Syndicate, Ld.	5th Nov.	,,	1,50,00		..		
269	14	Mining and Prospecting Co., Ld. .	7th ,,	,,	4,50,000	1,44,450	31st Dec.	1891	
270	15	Palgunj Gold Prospecting Syndicate, Ld.	29th ,,	,,	50,000	50,000	31st March	,,	
271	16	Mount Ophir Gold Prospecting Syndicate, Ld.	11th Dec.	,,	1,50,000	...	...		
272	17	Cossye River Prospecting Syndicate, Ld.	3rd Jan.	1891	50,000	...			
273	18	Cossye River Gold Prospecting Syndicate, Ld.	21st ,,	,,	1,00,000	...			
274	19	Sonepur Syndicate, Ld.	22nd ,,	,,	60,000	...	...		
275	20	Padres Hill Mining Co., Ld.	23rd ,,	,,	6,00,000				
276	21	Juggotpore Syndicate, Ld.	24th ,,	,,	1,00,000	...	..		
277	22	Borobhoom Co., Ld.	28th ,,	,,	32,000	32,000	31st July	1891	
278	23	Beru Prospecting Syndicate, Ld. ...	6th Feb.	,,	1,00,000	...	...		
279	24	Burma Prospecting Syndicate, Ld. ..	9th ,,	,,	50,000	..	.		
280	25	Dhatu Prospecting and Mining Syndicate, Ld.*	11th ,,	,,	1,00,000	...	...		* By oversight shown as "Co.," in 1890-91.
281	26	Sonapahar Gold Prospecting Syndicate, Ld.	24th ,,	,,	6,00,000	4,71,910	31st July	1891	
282	27	Pachete Trading Corporation, Ld. ...	10th Mar.	,,	5,00,000	..	.		
283	28	Rajdoha Mining Co., Ld.	21st ,,	,,	25,00,000	.	.		
284	29	Seraikela Mining Co., Ld.	30th ,,	,,	5,00,000	...	..		
285	30	Metala Prospecting Syndicate, Ld. ..	31st ,,	,,	2,20,000	...	...		
286	31	Singhbhoom Mining and Prospecting Syndicate, Ld.	6th April	,,	1,00,000	...	...		
287	32	Jherriah Katras Syndicate, Ld.	1 th May	,,	3,00,000	61,150	21st Dec.	1891	
288	33	Nowdeah Prospecting Syndicate, Ld. .	4th Aug.	,,	1,00 000	...	..		
289	34	Kallyanpur Behar Gold Mining Co., Ld.	13th ,,	,,	9,00,000		...		
290	35	Bengal Coal Co., Ld.	24th July	1858	24,00,000	24 00,000	31st Oct.	1890	
291	36	Equitable Coal Co., Ld.	1st Aug.	1843	8,00,000	8,00,000	31st Dec	1891	

Serial number.	Number.	NAMES OF COMPANIES.	Date of registration.	Nominal capital.	Paid-up capital.	Date of last balance sheet filed.	REMARKS.
				Rs.	Rs.		
292	37	Raneegunge Coal Association, Ld. ...	8th April 1873	9,00,000	8,25,000	31st March 1891	
293	38	New Beerbhoom Coal Co., Ld. ...	16th May ,,	7,20,000	7,20,000	31st Oct. ,,	
294	39	Burrakur Coal Co., Ld.	19th June 1875	3,00,000	3,00,000	31st May ,,	
295	40	Damuda Coal Co., Ld.	8th Feb. 1890	4,00,000	4,00,000	31st Dec. ,,	
296	41	Bengal Nagpore Coal Co., Ld.	18th Dec. ,,	2,25,000	...	...	
297	42	Borreah Coal Co., Ld.	10th Feb. 1891	5,00,000	4,29,800	31st ,, ,,	
298	43	Manbhoom Coal Co., Ld.	26th Mar. ,,	1,00,000	40,000	31st ,, ,,	
299	44	Rajmahal Stone Co., Ld.	30th June 1876	2,50,000	2,50,000	31st ,, 1890	
300	45	Bengal Stone Co., Ld.	15th Feb. 1879	80,000	80,000	31st ,, ,,	
301	46	Indian Patent Stone Co., Ld.	25th May 1891	1,00,000	...	...	
302	47	Arakan Petroleum Oil Co., Ld.	14th July 1883	4,00,000	3,80,650	30th June 1891	
				2,35,68,500	1,39,36,475		

ICE MANUFACTURING COMPANIES.

Serial number.	Number.	NAMES OF COMPANIES.	Date of registration.	Nominal capital.	Paid-up capital.	Date of last balance sheet filed.	REMARKS.
303	1	Bengal Ice Manufacturing Co., Ld. ...	9th July 1878	5,00,000	4,05,000	31st Dec. 1890	
304	2	Jamalpore Ice Manufacturing Co., Ld....	28th May 1879	10,000	7,120	31st ,, 1891	
305	3	Crystal Ice Supply Co., Ld.	14th Aug. 1888	2,00,000	2,00,000	31st ,, ,,	
306	4	Oriental Ice Manufacturing Co., Ld. ...	22nd Nov. 1890	1,00,000	43,800	30th Nov. ,,	
				8,10,000	7,45,920		

SUGAR MANUFACTURING COMPANY.

Serial number.	Number.	NAMES OF COMPANIES.	Date of registration.	Nominal capital.	Paid-up capital.	Date of last balance sheet filed.	REMARKS.
307	1	Carew and Co., Ld.	11th June 1875	16,00,000	16,00,000	31st Dec. 1891	
				16,00,000	16,00,000		

OTHER COMPANIES.

Serial number.	Number.	NAMES OF COMPANIES.	Date of registration.	Nominal capital.	Paid-up capital.	Date of last balance sheet filed.	REMARKS.
308	1	Bengal Telephone Co., Ld.	14th March 1883	10,00,000	8,80,000	31st Dec. 1891	
309	2	Gayana-Boat Co., Ld.	1st July 1885	20,000	...	...	
310	3	Bengal Science and Art Union, Ld. ...	5th Aug. 1887	1,50,000	6,140	30th April 1889	
311	4	Mohes Chunder Land Reclamation and Agricultural Improvement Co., Ld. ...	3rd Dec. 1889	2,50,000	2,50,000	31st Dec. 1890	
312	5	Pioneer Glass Manufacturing Co., Ld. ...	22nd Feb. 1890	3,00,000	1,20,000	31st ,, 1891	
313	6	Bengal Tarpaulin Manufacturing Co., Ld.	3rd Oct. ,,	50,000	...	...	
314	7	"Peshwa" Floating Syndicate, Ld. ...	6th Nov. ,,	50,000	...	...	
315	8	Thompson's Carriage Co., Ld.	13th ,, ,,	5,000	...	...	
316	9	Cargo Boat Co., Ld.	23rd Dec. ,,	50,000	10,000	31st Dec. 1891	
317	10	Pneumatic Husking (Schumacher's Patent) Syndicate, Ld.	13th March 1891	40,000	28,650	30th Nov. ,,	
318	11	Calcutta Hackney Carriage Co., Ld. ...	13th ,, ,,	1,50,000	...	...	
319	12	Garden Reach Land Syndicate Ld. ...	20th April ,,	8,00,000	2,40,213	31st Dec. ,,	
320	13	Thomson's Ink and Chemical Manufacturing Co., Ld.	27th Oct. ,,	50,000	...	...	
321	14	Indian Metals Manufacturing Co., Ld....	17th Aug. ,,	2,00,000	...	...	
322	15	Family Relief Fund Co., Ld.	11th Dec. ,,	50,000	...	...	
323	16	India General Gas Co. Ld.	12th ,, ,,	4,00,000	...	...	
324	17	Bengal Safety Match Manufacturing Co., Ld.	23rd Mar. 1892	40,000	...	...	
325	18	European and Anglo-Indian Defence Association	20th Dec. 1889	...	...	...	Guaranteed.
				36,05,000	15,35,003		

NATURE OF COMPANIES.	Number.	Nominal capital.	Paid-up capital.
		Rs.	Rs.
I.—Banking and Insurance Companies ...	29	3,13,25,000	2,40,94,988
II.—Trading Companies	46	2,15,81,400	1,75,55,736
III.—Mills and Presses	36	2,96,95,000	2,12,38,489
IV.—Planting Companies	144	4,84,23,575	3,57,75,117
V.—Mining Companies	47	2,35,68,500	1,39,36,475
VI.—Ice Manufacturing Companies	4	8,10,000	7,45,920
VII.—Sugar Manufacturing Companies ...	1	16,00,000	16,00,000
VIII.—Other Companies	18	36,05,000	15,35,003
Total ...	325	15,66,08,475	11,64,81,728

The 28th April 1892.

P. C. GHOSHA,
Registrar of Companies.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government, during the week ending the 25th June, 1892.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL.			
Burdwan Divn.			
1	Burdwan June 25, '92 Kalna ... Katwa ... Raniganj ...	1·26 0·42 0·08 1·64	Weather—very hot. Rain wanted in parts. Sowing and transplanting going on. Prices stationary. Prices of common rice :— Srs. Burdwan ... ... 11 to 14 } per rupee. Kalna ... ... 9 to 13 Katwa ... ... 13 Raniganj 13
2	Bankura „ 25, '92 Vishnupur ...	0·06 0·60	Weather—very hot and occasionally cloudy. Transplantation of *aus* commenced in places. More rain wanted. Other standing crops thriving. No change in prices. Supply of fodder and water gradually increasing with the rainfall.
3	Birbhum „ 25, '92 Rampur Hát ...	Nil 0·68	Weather—cloudy and sultry. A break has occurred in the rains. Ploughing and sowing going on actively. Water and fodder plentiful. Cattle in normal health. Common rice sells at 12 to 15 seers per rupee.
4	Midnapore „ 25, '92	0·06	Weather—very hot in day time. More rain needed. Ploughing going on. Favourable reports are given of sugarcane and indigo crops. Fodder is not scarce, but more rain would be advantageous. Prices of common rice :— Srs. Sadar ... ... 13 } per rupee. Contai ... ... 13 Tamlúk ... ... 12 Ghatál 13½
5	Hooghly .. 25, '92 Serampore ... Jahánabad ...	0·39 0·43 1·04	Weather—has been dry and hot, but has now changed and gives good prospect of rain. Cultivation of both *aus* and *áman* retarded for want of rain. If, however, the change of weather which has just occurred continues, the lee way will be made up. Jahánabad is still best off. Prices of common rice :— Srs. Sadar ... ... 10 } per rupee. Serampore ... ... 10 Jahánabad 12½
6	Howrah .. 25, '92 Uluberia (up to 23rd June)	1·23 0·16	Weather—sultry. Heavy rain on Saturday morning (25th). Paddy promising. Vegetables in good condition. Condition of cattle good. Fodder and water-supply sufficient. Rice 10 to 12 seers per rupee.
Presidency Divn.			
7	24-Parganas „ 25, '92	0·98	Weather—hot and cloudy. Sowing of *áman* continues. Young plants of *aus* and jute thriving. Prospects improving. Prices stationary. Water and fodder sufficient. No cattle-disease.
8	Nadia „ 25, '92 Kushtia ... Meherpur ... Ranaghat ... Chuadanga ...	1·99 1·11 2·59 1·78 0·78	Weather—hot and cloudy. Standing crops doing well. The weather is favourable for weeding operations. Common rice selling at 10 seers 8 chitaks to 13 seers 5 chitaks per rupee. Health of cattle good.
9	Khulna „ 25, '92 Bágerhat ... Satkhira ...	0·30 0·19 0·67	Weather—bright and warm. There was very little rain this week; but rain has recommenced to-day (25th); and if it is sufficient and falls everywhere, much damage will not be done. Rain is, however, urgently required. Common rice is selling at from 11 to 14 seers per rupee. Supply of fodder and water sufficient.
10	Jessore „ 25, '92 Jhenida ... Magura ... Narail ... Bangaon ...	0·85 0·18 1·77 3·51 1·29	Weather—fair and windy. More rain wanted for the standing crops. Prospects good. Weeding going on. Fodder and water for cattle plentiful. Prices steady.
11	Murshidabad „ 25, '92	0·65	Weather—hot and cloudy with occasional showers. Standing crops doing well. Prospects favourable owing to recent rain. Coarse rice sells at 12 seers per rupee. Fodder sufficient for cattle.
Chittagong Divn.			
12	Chittagong „ 25, '92	2·71	Only occasional showers. Prospects of crops fair. Rice is being transplanted. Prices stationary. Condition of cattle generally good. Supply of fodder sufficient.
13	Noakhali „ 25, '92	4·60	Weather—seasonable. *Aman* is still being sown. *Aus* seedlings are thriving. No cattle-disease. Fodder and water sufficient. Prices of common rice :— Srs. Ch. Sadar ... ... 12 2 } per rupee. Fenny 13 8
14	Tippera „ 25, '92	1·79	Weather—damp and cloudy. All standing crops flourishing. *Aus* and jute are being cut in Daudkandi. Prospects favourable.
15	Chittagong Hill Tracts. „ 24, '92	4·72	Weather—hot and cloudy with occasional showers of rain throughout the wee k. *Jum* paddy and cotton progressing. Lands are being ploughed for late rice crop. Common rice selling at 8 seers 15 chitaks per rupee.

	No	District and date of return.		Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
BENGAL—*concld.*					
DACCA DIVN.	16	Dacca	June 25, '92	Not reported.	Weather—cloudy and rainy. Jute and *áman* paddy doing well. Transplantation of rice going on. Fodder available. No cattle-disease. Common rice selling at from 12 to 13½ seers per rupee.
	17	Faridpur	„ 25, '92	2·44	Weather—very hot since 19th till to-day (25th). State of standing crops good. Harvesting of *til* beginning. Common rice 11½ seers per rupee at Sadar, 12 seers at Goalundo, and 12½ seers at Madaripur. Cattle get fodder. A few cases of cattle-disease reported from the Sadar. Rivers rising.
	18	Backergunge	„ 25, '92	0·74	Weather—hot. State and prospects of crops satisfactory. Ordinary rice sells at from 10 to 13 seers per rupee. Fodder and water sufficient.
	19	Mymensingh	„ 25, '92	4·66	Weather—cloudy and sometimes rainy. The condition of standing crops has improved. Jute and *aus* are now doing fairly well. The supply of fodder and water is sufficient. Prices stationary.
RAJSHAHI DIVN.	20	Dinajpur Thakurgaon	„ 25, '92 ...	1·82 2·08	Weather—cloudy with occasional showers. The break in the rains is now over. A cyclonic storm on the night of the 23rd caused some damage in the town. Prospects of standing crops good. Ploughing for *haimanti* rice going on. Transplantation commenced on low lands. Price of rice has a tendency to rise at Thakurgaon. It is selling at 10 seers 3 chitaks per rupee at Sadar. Condition of cattle good. Supply of fodder and drinking water sufficient.
	21	Rajshahi Nator Nowgong	„ 25, '92	Nil 3·10 3·06	Weather—hot. Cultivation of *aus*, *áman* and jute going on everywhere satisfactorily. Rain wanted for the steeping of jute. Condition of cattle good. Fodder and water sufficient. Price of rice stationary.
	22	Rangpur Gaibanda Nilphamari Kurigaon Ulipur	„ 25, '92	4·67 7·30 0·42 5·98 6·42	Weather—seasonable. More rain wanted in Nilphamari. Transplanting of *áman* and harvesting of *aus* proceeding. Price of common rice stationary.
	23	Bogra Sherpur Naukhila	„ 25, '92	2·18 3·36 6·31	Heavy rain on 18th and 19th; since then weather hot and rainless until night of 24th when rain fell again. The *aus* and jute and other standing crops are all doing well. *Aus*, *káon* and some jute are being cut. Transplantation of *áman* has commenced with favourable prospects. Common rice sells at 12½ seers per rupee.
	24	Pabna	„ 25, '92	1·09	Weather—hot and cool by turns. Prospects of standing crops continue good. Weeding continues. Common rice sells at 12 seers per rupee. Condition of cattle good. Water-supply and fodder sufficient.
	25	Darjeeling	„ 25, 92	3·05	Weather—fair with occasional breaks. *Bhutta*, *fafar* and potatoes being harvested. *Chhota marua* coming to perfection. *Bhadoi* and jute progressing favourably. Cattle-disease in the hills has somewhat abated. Fodder and water-supply sufficient. Price of common rice at Siliguri 10 seers per rupee.
	26	Jalpaiguri	„ 25, '92	5·84	Weather—seasonable and rainy. Condition of *bhadoi* crop (what remains after injury by heavy rain in May) good. Ploughing for *haimanti* rice briskly going on. Transplantation commenced in places. Price of common rice unchanged. Fodder and water sufficient.
BIHAR.					
BHAGALPUR DIVN.	27	Monghyr Begusarai Jamui	„ 25, '92	Nil 0·55 2·41	Weather—very hot and rainless at head-quarters. The rainfall in Jamui has been good, and ploughing and sowing are going on well there. In Begusarai the *bhadoi* lands have all been prepared and three-fourths sown. Indigo is said to be doing well there. Rain is much wanted in head-quarters. Fodder and water for cattle are more available. Coarse rice selling at 10 to 12 seers per rupee.
	28	Bhagalpur Banka Madhipura Supaul	„ 25, '92	Nil Nil 0·60 0·82	The prolonged break in the rains has made the weather extremely oppressive. Sowing and ploughing still going on and *bhadoi* crops doing well. As soon as the break is over, transplanting of *aghani* paddy will begin. Weeding of *bhadoi* has begun. Prospects generally encouraging. Common rice 11 seers 6 chitaks per rupee.
	29	Purnea Kishanganj Araria	„ 25, '92	0·01 1·15 3·35	Weather—unseasonably hot and sultry; cloudy. State of crops satisfactory. The break in the rains has facilitated weeding, but rain is now urgently wanted for the *bhadoi* coming into ear and for transplantation of *aghani* rice. Fodder and water sufficient. Prices of common rice :— Srs. Sadar ... ... 10 to 13 } per rupee. Kishanganj ... ... 8 to 9 } per rupee. Araria ... ... 12 to 13 } per rupee.
	30	Malda Chanchal Shibganj Gajol	„ 25, '92	Nil 0·04 0·40 0·76	Weather—hot and oppressive. Latter part of the week cloudy. Rain much wanted in *thánas* Ratua, Kharba, Tulshihatta, Kaliachuk, and Bamongola. Standing *bhadoi* crops are thriving but suffering for want of rain throughout the district, specially in the *thánas* mentioned above. Supply of fodder ample. Ordinary rice selling at from 8 to 13 seers per rupee.
	13	Sonthal Parganas Deoghur Godda Jamtara Pakaur	„ 25, 92	0·01 2·10 0·12 0·68 1·17	There has been a break in the rains; weather intensely hot and oppressive. No report from Rajmahal. General report is that Indian-corn is coming on well. Godda reports early Indian-corn in the market. A little more rain would be welcome. Cultivation going on generally. Fodder and water sufficient. Price of rice 11½ to 13 seers per rupee.

No.	District and date of return.	Rainfall at Sadar Station in inches.	Character of the weather and state and prospects of the crops.
	BIHÁR—concld.		
	Patna Division.		
32	Patna June 25, '92 Barh ... Bihár .. Dinapore ...	Nil 0·38 1·32 Nil	Weather—very hot and clear. The rainfall has been very scanty during the week and confined to Barh and Bihár subdivisions. The *bhadoi* sowing has been generally started, but more rain is much needed. Fodder and water for cattle are fairly sufficient. Common rice selling at 11 to 13 seers per rupee. No distress reported.
33	Gaya „ 25, '92 Jahánabad ... Aurangabad ... Nawáda ...	Nil Nil Nil Nil	Weather—intensely hot and oppressive with strong west winds. Ploughing in progress everywhere Sowing of *bhadoi* crops commenced, but much anxiety is felt by cultivators for the safety of the seedlings on account of the prolonged break in the rains Prices have risen slightly. Common rice selling at 11½ seers per rupee at Sadar. Supply of water sufficient and fodder becoming available.
34	Shahabad „ 25, '92 Buxar . Bhabhua ... Sasaram ...	Nil Nil 0·01 Nil	A break in the rains. Rain is urgently needed for the *bhadoi* sowing. *Marua* and sugarcane are withering for want of water. Prices show an upward tendency except in the south where a slight fall is reported. Fodder abundant.
35	Darbhanga „ 25, '92 Samastipur ... Madhubani ...	Nil 0 68 0 99	Weather—cloudy and close. The break in the rains continues and will affect growing crops unfavourably if it lasts a week longer. Young paddy is springing up in many of the *chur* lands, but much is still unsown. Prospects of *bhadoi* favourable, but rain wanted for this also. Cattle are in good condition. Fodder and water plentiful.
36	Muzaffarpur „ 25, '92 Sitamarhi .. Hajipur ..	0·74 1·03 0 02	Weather—very hot and close. Prospects of crops excellent. More rain will shortly be wanted. Prices almost stationary.
37	Saran „ 25, '92 Siwán ... Gopalganj ...	Nil 0 05 0·15	Weather—generally close and oppressively hot. There is sufficient moisture for sowing the *bhadoi* crops in Siwán and Gopalganj subdivisions, but in the Sadar subdivision *bhadoi* cannot be sown for want of rain. Fodder and water for cattle sufficient. Prices of common rice :— Srs. Ch. Chapra ... . 11 0 } per rupee. Siwán .. .. 12 8 } per rupee. Gopalganj ... ... 12 10 } per rupee.
38	Champaran „ 25, '92	Nil	Weather—hot and somewhat cloudy towards the end of the week. Sowings nearly over. Weeding of paddy and *bhadoi* crops going on. Transplanting of *marua* retarded for want of rain. Standing crops doing well. Supply of fodder and water ample. Prices unaltered.
	ORISSA.		
	Orissa Divn.		
39	Cuttack „ 25, '92	1·82	Weather—seasonable. Rainfall, though late, very beneficial. Sowing of *biali* and *sarad* in progress. Price of common rice 9 seers 2 chitaks to 13 seers 2 chitaks per rupee, but rice is not everywhere easily obtainable. No cattle-disease. Fodder-supply sufficient.
40	Puri „ 23, '92	0·49	Weather—hot and cloudy. Ploughing and sowing going on. Miscellaneous crops doing well. Rice sells at from 10 to 14 seers per rupee.
41	Balasore „ 25, '92	1·28	Weather—showery. Sowing of winter rice well in hand. Prices stationary. Rice selling at Balasore 13 seers and Bhadrak 15 seers per rupee.
	CHOTA NAGPUR.		
	South-West Frontier Agency.		
	Chota Nagpur Divn.		
42	Hazáribágh June 25, '92 Giridi ...	Nil 4·86	Weather—settled, fair; very sultry. Sugarcane doing well. Ploughing and sowing still in progress, but more rain is now wanted. Common rice 10 to 14 seers per rupee Water and fodder sufficient.
43	Lohardaga „ 25, '92	Nil	Weather—seasonable. Ploughing and sowing of *bhadoi* crops and winter rice continue. Common rice selling at 14 seers per rupee. Fodder and water sufficient.
44	Palámau „ 23, '92	Nil	The break in the rains continues; sky now cloudless and sun very hot. Showers in some parts of the district. *Bhadoi* sowing in progress. Common rice 12 to 15 seers per rupee. Fodder-supply increasing.
45	Singhbhum „ 25, '92	Nil	Rain in the district, but none at head-quarters. Paddy, sugarcane, *gundli* and Indian-corn doing well. No change in price of rice, which is selling at 16 seers per rupee in Chaibassa town.
46	Manbhum „ 25, '92 Gobindpur ...	Nil 0·56	Weather—hot and dry. Cessation of rain all over district. If dry weather continues the seedlings will suffer. Rice 13 to 16 seers per rupee. Fodder and water-supply sufficient.

Published for general information.

CALCUTTA; REVENUE DEPT.,
The 28th June, 1892.

C. E. BUCKLAND,
Secretary to the Govt. of Bengal.

Meteorological Report of the Province of Ben[gal]

Meteorological Division.	District.	Representative station.	Station Observations. Air pressure. Mean barometric height, 8 A.M.	Mean reduced to sea-level and to lat. 45°.	Variation from mean.	Wind. Prevailing direction.	Mean wind velocity.	Temperature. Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.
Orissa.	Puri	Puri	29·680	29·628	—	SW	387	90·7	20, 24, 25 June	79·1	10th June	89·9	83·3	86·3	—
		Gopalpore	29·679	29·640	+·094	SSW	442	89·2	20, 23 & 25 June	78·8	22nd ,,	88·9	80·8	84·9	+0·8
		False Point	29·671	29·633	+·063	SSW	394	96·5	20th ,,	76·1	22nd ,,	92·0	81·2	86·6	+1·4
	Cuttack	Cuttack	29·606	29·628	+·063	SSW	107	97·9	20th ,,	76·8	22nd ,,	96·2	79·5	87·9	+0·6
	Balasore	Balasore	29·590	29·592	+·033	SSW	218	96·4	20th ,,	73·8	22nd ,,	94·3	79·7	87·0	+0·9
South-West Bengal.	South-West Midnapore, South 24-Parganas	Saugor Island	29·642	29·611	+·044	SSW	521	91·7	22nd ,,	82·0	19th ,,	90·3	83·6	87·0	+0·9
	Midnapore	Midnapore	29·500	29·593	+·030	S	258	90·3	20 & 24 ,,	78·1	22nd ,,	96·4	80·6	88·6	+2·3
	24-Parganas, Howrah, Hooghly	Calcutta	29·633	29·599	+·036	SWly	199	94·6	20th ,,	72·7	25th ,,	91·7	79·9	85·8	+1·3
	Burdwan	Burdwan	29·532	29·577	+·021	SWly	141	99·7	20 & 22 ,,	77·4	24th ,,	97·1	81·0	89·1	+2·5
	Bankura	Bankura	29·205	29·538	+·004	Variable	100	102·1	22 & 24 ,,	78·0	24th ,,	99·5	81·3	90·4	?
	Birbhum, West Burdwan	Raniganj	29·287	29·576	+·011	SWly	86	102·5	22nd ,,	77·8	20th ,,	98·5	81·0	89·8	+3·4
	Murshidabad	Berhampore	29·534	29·549	—·016	SSW	132	99·7	21st ,,	77·3	25th ,,	96·6	80·2	88·4	+3·1
	Nadia	Krishnagar	29·570	29·565	+·010	SSW	210	98·2	24th ,,	72·7	19th ,,	95·4	80·1	87·8	+2·2
	Jessore, Khulna	Jessore	29·618	29·597	+·010	Sly	98	94·7	22 & 24 ,,	76·4	25th ,,	92·9	80·8	86·9	+1·9
East Bengal.	Chittagong	Chittagong	29·650	29·663	+·028	SSE	152	89·7	19th ,,	73·1	20th ,,	87·2	76·5	81·[illegible]	+0·7
	Chittagong Hill Tracts	Demagiri						Observations not received.							
	Backergunge	Barisal	29·678	29·636	+·024	SWly	165	92·3	23 & 24 June	77·8	19, 20, 25 ,,	89·6	79·4	84·5	+1·5
	Noakhali	Noakhali	29·661	29·632	+·022	SEly	179	89·5	24th ,,	72·8	20th ,,	86·9	78·5	82·7	+1·2
	Faridpur	Faridpur	29·612	29·606	+·003	S	189	93·5	20th ,,	72·9	25th ,,	90·0	78·8	84·9	+2·0
	Dacca	Dacca	29·641	29·611	+·009	S	282	93·6	20th ,,	74·7	21st ,,	90·9	78·6	84·8	+1·0
	Tippera	Comilla	29·651	29·634	+·016	SEly	131	90·4	24th ,,	74·8	20, 21 ,,	88·5	77·6	83·1	+0·4
	Mymensingh	Mymensingh	29·506	29·610	—·008	ESE	150	90·2	23rd ,,	73·6	25th ,,	85·0	76·3	81·0	—1·3
North Bengal.	Bogra	Bogra	29·543	29·556	—·001	SEly	115	96·3	21st ,,	74·2	25th ,,	91·7	77·5	84·7	+1·1
	Pabna	Sirajganj	29·587	29·583	—·011	SSE	105*	93·1	20th ,,	73·2	21st ,,	90·4	77·6	84·0	—0·9
	Rajshahi	Rampur Boalia	29·535	29·554	—·002	Sly	170	95·8	21 & 24 ,,	77·6	25th ,,	93·9	81·4	87·1	+3·7
	Malda	Malda	29·511	29·541	—	Sly	78	98·9	24th ,,	80·4	24th ,,	97·0	81·6	89·4	[illegible]
	Dinajpur	Dinajpur	29·487	29·557	—·032	Ely	90	95·1	21st ,,	71·7	24th ,,	90·9	78·1	84·5	+1·6
	Rangpur	Rangpur	29·505	29·582	—·029	SEly	51	91·3	21 & 24 ,,	73·7	25th ,,	88·7	76·2	82·5	+0·7
	Jalpaiguri, Kuch Bihar	Jalpaiguri	29·325	29·562	—·043	SEly	78	89·4	22nd ,,	75·1	25th ,,	86·9	76·0	81·4	+0·4
	Darjeeling Hill Tracts	Darjeeling	22·803	—	—·023	WSW	197	67·6	20th ,,	56·7	21, 22, 23 & 25 June	66·1	57·4	61·8	+0·4
North Bihar.	Purnea, North Bhágalpur	Purnea	29·405	29·542	—·018	Ely	43	96·2	21, 22 ,,	77·2	21, 24 ,,	93·3	78·6	86·0	+2·2
	Muzaffarpur	Muzaffarpur	29·401	29·529	—	EsE	129	100·7	22 & 23 ,,	79·2	24th ,,	98·5	81·5	90·1	—
	Darbhanga	Darbhanga	29·417	29·533	—·020	ESE	118	98·0	22nd ,,	80·5	19 & 25 ,,	95·0	81·1	86·1	+3·3
	Champaran	Motihari	29·338	29·516	—·025	ENE	146	100·2	22 & 23 ,,	75·9	24th ,,	97·3	79·2	88·3	+3·0
	Saran	Chapra	29·380	29·516	—·014	Variable	83	106·3	23rd ,,	82·1	20 & 23 ,,	102·2	82·8	92·5	+6·0
South Bihar.	Shahabad	Dehri	29·220	29·514	—·006	SW	159	107·9	24th ,,	80·5	19th ,,	103·0	84·8	93·9	+7·4
		Buxar	29·339	29·526	—·003	W	127	107·4	23rd ,,	82·7	19, 20 ,,	104·1	83·9	94·0	+7·0
		Arrah	29·373	29·509	—·008	Variable	93	108·4	23rd ,,	82·0	20th ,,	105·6	84·4	95·0	+7·7
	Gaya	Gaya	29·200	29·517	—·007	SWly	143	108·6	24th ,,	81·8	19th ,,	105·4	87·8	96·6	+8·1
	Patna	Bankipore	29·384	29·515	—·025	Variable	106	103·7	23rd ,,	81·2	20th ,,	100·2	82·3	91·3	+3·7
	South Bhágalpur, Monghyr	Bhágalpur	29·401	29·512	—·033	Calm	28	104·8	22nd ,,	80·0	19th ,,	99·3*	81·9	90·6	+6·3
	Sonthal Parganas	Dumka	29·094	29·529	—·005	Sly	128	103·2	22 & 23 ,,	81·2	19th ,,	100·1	83·0	91·6	+5·3
Chota Nagpur.	Hazáribágh	Hazáribágh	27·644	29·547	+·012	Wly	250	100·2	24th ,,	70·3	19—21 ,,	96·6	78·7	87·7	+4·4
	Lohardaga, Palámau, Manbhum	Ranchi	27·533	29·560	+·037	WSW	230	99·0	24th ,,	75·9	20, 21 ,,	95·1	77·5	86·3	+4·7
	Singhbhum	Chaibassa	28·851	29·546	+·032	SWly	54	100·3	22 & 24 ,,	79·2	21st ,,	98·0	82·1	90·1	+3·1
Assam.	Sibsagar	Sibsagar	29·304	29·591	—·049	Ely		90·6	19th ,,	75·0	21, 23 24 ,,	88·0	75·9	81·9	—1·9
	Goalpara	Dhubri	29·516	29·585	—·019	Variable	122	88·2	21st ,,	72·3	22nd ,,	84·1	74·9	79·5	—0·7
	Cachar	Silchar	29·595	29·650	—·007	Calm		91·5	19, 20 ,,	72·3	23rd ,,	87·3	75·5	81·4	—0·8

* Means of 6 days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical average or means of the reading during the same period for the last ... The *humidity* of the atmosphere is expressed as percentage, saturated air being presented by 100. A clear sky is denoted by 0 and an overcast sky by 10. The ... the numerical means or average of the rainfall in that district determined from the returns sent in by the subdivisional station for the period in question during the ... stations in the district sending in returns divided by the number of stations. A rainy day is one on which at least a tenth of an inch fall.

or the week ending Saturday, the 25th of June 1892.

DISTRICT OBSERVATIONS.

Average humidity at 8 A.M.	Average cloud amount at 8 A.M. for week.	Rainfall of week at observing station.	Rainfall: Of week. Mean for district.	Rainfall: Of week. Normal mean.	Rainfall: Since 1st of month. Mean for district.	Rainfall: Since 1st of month. Normal mean.	Rainfall: Since 1st of month. Variation.	Rainfall: Since 16th May 1892. Mean for district.	Rainfall: Since 16th May 1892. Normal mean.	Rainfall: Since 16th May 1892. Variation.	Of week. Average number of rainy days.	Of week. Normal number of rainy days.	Representative station.	District.	Meteorological Division.
83	6·7	0·12		3·43		8·69			9·81			2·87	Puri ...	Puri	Orissa.
83	1·6	Nil											Gopalpore ...		
81	5·7	0·04											False Point ...		
74	5·7	1·95		3·50		8·84			11·34			3·11	Cuttack ...	Cuttack	
88	1·7	1·17		2·83		7·82			10·52			3·07	Balasore ...	Balasore	
84	9·3	Nil	0·03	2·69	7·12	9·14	—2·02	10·09	11·62	—1·53	0·33	3·25	Saugor Island ...	South-West Midnapore South 24-Parganas ...	South-West Bengal.
78	4·3	0·10	0·23	2·16	5·18	8·87	—3·69	8·24	11·06	—2·82	0·67	3·22	Midnapore ...	Midnapore	
83	6·3	0·96	1·33	2·11	5·33	8·98	—3·65	8·55	11·98	—3·43	1·50	3·45	Calcutta ...	24-Parganas ... Howrah ... ... Hooghly	
77	8·6	1·26	0·58	1·98	4·89	8·14	—3·25	7·31	11·05	—3·74	1·00	3·21	Burdwan ...	Burdwan	
75	4·3	0·06	0·13	2·65	7·15	9·57	—2·42	10 90	12·10	—1·20	0·50	3·61	Bankura ...	Bankura	
73	5·0	0·19	0·19	2·54	7·35	9·56	—2·21	9·57	11·76	—2·19	0·50	3·33	Raniganj ...	Birbhum ... ... West Burdwan ...	
83	8·1	0·65	0·61	2·01	4·46	8 27	—3 81	8·49	11·81	—3·32	1·33	3 00	Berhampore ...	Murshidabad ...	
81	6·4	1·99	1·11	1·73	4·35	8·73	—4·38	7·36	12·69	—5·33	1·60	3·06	Krishnagar ...	Nadia	
90	9·3	0·85	1·13	2·30	5·84	11·36	—5·52	9·06	14·91	—5·85	1·63	3 61	Jessore ...	Jessore ... ... Khulna	
86	[illegible]	2·61	3·60	6·54	11·40	27·20	—15·80	14·74	33·02	—19·13	3·00	4·61	Chittagong ...	Chittagong	East Bengal.
			4·34	3·30	11·67	17·00	—5·33	17·54	22·83	—5·20	5·00	4·65	Demagiri ...	Chittagong Hill Tracts	
87	10·0	0·78	0·75	4·31	8·02	17·64	—9·62	9·58	22·40	—12·82	1·25	4·59	Barisál ...	Backergunge	
88	4·7	4·58	3·18	5·07	11·94	24·02	—12·08	17·06	31·24	—14·18	3 00	4·35	Noakhali ...	Noakhali	
89	7·3	2·44		2·59		11·32			16·05			3·76	Faridpur ...	Faridpur	
87	9·4	2·56	2·00	2·96	4·64	12·09	—7·45	10·48	16·46	—5·98	2·75	3·47	Dacca ...	Dacca	
90	6·0	1·57	2·54	3·00	9·16	14·80	—5·64	16·15	19·99	—3·84	3·75	3·82	Comilla ...	Tippera	
95	9·6	4·66	5·15	3·69	10·22	15·94	—5·72	20 77	21·62	—0·85	4·00	4·13	Mymensingh ...	Mymensingh	
89	7·7	2·04	2·20	2·67	9·03	11·16	—2·13	13·59	16·67	—3·08	2·50	3·24	Bogra ...	Bogra	North Bengal.
93	9·9	4·44	2·74	2·02	6·26	9·89	—3·63	12·16	14·28	—2·12	2·00	3·18	Sirajganj ...	Pabna	
82	2·6	0·12	0·26	3·07	6·33	10·29	—3·96	11·33	14·26	—2·93	0·33	3·29	Rampur Boalia ...	Rajshahi	
84	5·0	Nil	Nil	2·96	4·36	11·31	—6·95	5·46	14·23	—8·77	0·00	3·23	Malda ...	Malda	
91	9·7	1·69	0·47	3·27	6·67	12·57	—5·90	8·65	17·32	—8·67	0·60	3·47	Dinajpur ...	Dinajpur	
92	3·9	4·67	5·54	4·41	11·78	19·60	—7·82	20·78	27·42	—6·64	4·75	3 47	Rangpur ...	Rangpur	
98	6·4	5·87	10·50	7·60	18·16	29·19	—11·03	39·98	38·44	+1·54	6·00	4 73	Jalpaiguri ...	Jalpaiguri ... ... Kuch Bihar	
95	9·4	3·05	6·63	7·85	18·61	27·70	—9·09	31·41	34·64	—3·23	5·00	4·00	Darjeeling ...	Darjeeling Hill Tracts	
87	7·4	Nil	0·32	2·85	8·55	11·07	—2·52	11·85	14·03	—2·18	0·20	2·92	Purnea ...	Purnea ... ... North Bhágalpur ...	North Bihár.
81	1·9	Nil	0·11	1·82	4·58	7·31	—2·73	5·33	8·58	—3·25	0·33	2 63	Muzaffarpur ...	Muzaffarpur	
79	2·4	Nil	Nil	2·40	6·11	7·78	—1·67	7·55	9·16	—1·61	0·00	2·73	Darbhanga ...	Darbhanga	
81	3·4	Nil	Nil	2·68	6·08	7·73	—1·65	8·34	9·25	—0·91	0·00	2·70	Motihari ...	Champaran	
65	0·6	Nil	Nil	2·40	3·88	6·28	—2·40	4·67	7·39	—2·72	0·00	2·87	Chapra ...	Saran	
45	0·2	Nil											Dehri ...	Shahabad	South Bihár.
48	1·1	Nil	Nil	2·27	4·67	5·10	—0·43	4·93	5·97	—1·04	0·00	2·86	Buxar ...		
83	0·6	Nil											Arrah ...		
86	4·4	Nil	Nil	2·08	4·38	5·46	—1·08	4·63	6·89	—2·26	0·00	2·61	Gaya ...	Gaya	
61	2·3	Nil	Nil	2·41	4·20	6·08	—1·88	4·46	7·53	—3·07	0·00	2·61	Bankipore ...	Patna	
74	2·9	Nil	Nil	2·20	3·96	6·75	—2·80	4·57	8·28	—3·71	0·00	2·83	Bhágalpur ...	South Bhágalpur ... Monghyr	
70	1·1	0·01	0·09	2·53	3·93	8·48	—4·55	5·93	11·03	—5·10	0·17	3·49	Dumka ...	Sonthal Parganas ...	
56	6·4	Nil	Nil	2·56	6·57	7·80	—1·23	8·44	9·63	—1·19	0·00	3·57	Hazáribágh ...	Hazáribágh	Chota Nagpur.
69	2·2	Nil	Nil	2·62	9·86	8·09	+1·71	10·58	10·01	+0·57	0·00	3·83	Ranchi ...	Lohardaga	
			Nil	2·40	6·10	5·84	+0·26	6·26	6·97	—1·71	0·00	2·90		Palámau	
			Nil	2·85	9·18	7·79	+1·39	10·80	9·46	+1·34	0·00	3·63		Manbhum	
69	7·0	Nil	Nil	2·37	5·67	7·93	—2·26	7·66	10·41	—2·55	0·00	3·30	Chaibassa ...	Singbhum	
95	9·7	1·44											Sibsagar	Assam	Assam.
92	10·0	10·28											Dhubri		
[illegible]	9·9	4·70											Silchar		

...ten years. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater.
...cloud amount represents the part of the sky covered the whole sky being denoted by 10. Under the head District observations of rainfall the normal mean ... past ten years. The means of the district are the numerical average of the rainfall eturned received in the district, i.e. from total rainfall at the subdivisions.

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 25th of June 1892.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 19th June.	Monday, 20th June.	Tuesday, 21st June.	Wednesday, 22nd June.	Thursday, 23rd June.	Friday, 24th June.	Saturday, 25th June.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th May 1892.	Average rainfall from 16th May to date.
ORISSA ..	Puri ...	Puri ...	0·19	......	......	......	......	......	......	1	0·19	8·24	11·16	7·81	11·16	9·10
		Khurda ...							......			3·51		9·14		11·18
		Banpur ...	......	......	......	0·55	......	......	......	1	0·55	2·10	12·02	6·73	12·73	7·97
		False Point ...	......	......	......	0·04	......	......	......	Nil	0·04	4·83	14·66	8·70	16·83	11·00
		Gop ...										?		?		?
		Satpara ...										?		?		?
		Pipli .										?		?		?
	Cuttack ...	Jagatsingpore										8·31		7·00		8·51
		Banki ..	......	......	......	0·69						3·79		9·61		11·42
		Cuttack ...	......	......	......	1·24	......	0·58	......	2	1·82	3·81	8·72	10·47	9·29	12·57
		Kendrapara ...	......	......	......	......	......	0·09	......	Nil	0·09	3·42	9·72	8·12	10·26	10·48
		Jajpur ...	......	......	......	......	......	2·03	......	1	2·03	3·64	8·33	9·01	9·88	12·17
		Dharmsala .	......	......	......	......	......	0·53	......	1	0·53	?	7·97	?	9·09	?
		Salipore										?		?		?
	Balasore ...	*Akhyapada* ...	......	......	......	0·39	......	2·55	......	2	2·94	?	11·14	?	12·56	?
		Chandbali ...										2·98		7·16		10·05
		Bhadrak ...	......	......	......	1·87	......	0·28	......	2	2·15	3·25	16·15	7·98	18·27	11·35
		Sorah ...	......	......	......	0·86	......	0·11	......	2	0·97	2·09	13·74	6·28	17·27	9·36
		Balasore ..	......	......	......	1·26	......	0·02	......	1	1·28	3·08	9·43	8·22	11·73	10·99
		Jellasore ..										2·14		7·55		9·31
		Baripodah ..										3·43		9·67		13·06
SOUTH-WEST BENGAL.	Midnapore .	Contai	......	......	......	......	......	......	......	Nil	Nil	2·69	7·84	8·82	10·73	11·22
		Saugor Island	......	......	......	......	......	......	......	Nil	Nil	2·88	7·14	9·32	9·13	12·03
		Tamluk ..	......	......	......	......	......	......	......	Nil	Nil	2·34	3·83	8·72	7·17	11·27
		Midnapore ...	......	0·06	......	......	......	......	......	Nil	0·06	2·11	5·99	8·22	8·05	10·28
		Ghatál ...	......	......	......	......	......	0·21	0·42	2	0·63	2·02	5·72	9·65	9·48	11·63
		Kukrahaty ...	......	......	......	......	......	......	......	Nil	Nil	?	8·33	?	7·31	?
		Garhbeta ...	......	......	......	......	......	1·85	......	1	1·85	?	9·86	?	12·42	?
	24-Parganas ...	Diamond Harbour ..	......	......	......	......	......	......	0·10	1	0·10	2·50	6·16	9·26	10·50	11·60
		Canning Town	......	......	......	......	......	0·16	1·12	2	1·28	?	7·73	?	9·28	?
		Alipore Jail ...	......	......	......	......	......	......	0·98	1	0·98	2·35	5·93	8·98	10·08	12·38
		Barrackpore...	......	......	......	......	......	0·42	0·83	2	1·25	2·22	4·16	9·45	6·18	12·54
		Dum-Dum ...	......	......	......	......	......	0·30	1·70	2	2·00	1·87	6·90	9·07	9·71	13·38
		Barasat ...	......	......	......	......	......	0·08	1·40	1	1·48	1·92	4·71	8·68	7·81	11·66
		Basirhat ...	0·81	......	......	......	......	......	0·09	1	0·90	2·36	4·48	10·09	7·92	13·67
	Howrah ...	Howrah ..	......	......	......	......	......	......	1·23	1	1·23	2·18	7·34	8·94	9·84	11·72
		Mohesreka ...	......	......	......	......	......	0·21	0·02	1	0·23	1·80	5·12	8·40	7·78	10·98
		Ulubaria ...	......	......	......	......	......	......	0·28	1	0·28	?	5·96	?	9·43	?
	Hooghly ..	Serampore ...	......	......	......	......	......	0·26	1·07	2	1·33	1·98	4·64	8·71	7·73	11·88
		Hooghly ...	......	......	......	......	......	0·10	0·29	2	0·39	2·15	2·68	8·30	5·77	11·45
		Jahánabad ...	......	......	......	......	......	3·25	0·30	2	3·55	2·24	7·30	9·10	11·58	11·58
	Burdwan ..	Kalna ...	......	......	......	......	......	......	0·40	1	0·40	1·81	3·88	7·83	6·34	10·26
		Burdwan ...	......	......	......	......	......	0·62	0·64	2	1·26	2·50	8·24	7·89	11·18	10·69
		Katwa ...	......	......	......	......	......	0·08	......	Nil	0·08	1·64	2·58	8·71	4·37	12·33
		Raniganj ...	......	......	......	......	......	0·18	0·01	1	0·19	2·16	10·45	8·18	13·06	10·08
		Mankur ...	......	......	......	......	......	0·19	......	1	0·19	?	2·86	?	4·05	?
	Bankura ..	Bankura ...	......	......	......	......	......	0·06	......	Nil	0·06	2·73	8·96	8·54	12·61	11·30
		Bishenpore ...	......	......	......	......	......	0·24	......	1	0·24	2·75	6·23	9·60	11·85	12·50
		Maliara ..	......	......	......	......	......	......	0·20	1	0·20	2·10	5·49	9·50	7·09	11·87
		Khatra ...	......	......	......	......	......	......	......	Nil	Nil	3·01	7·89	10·63	12·29	12·68
		Indas ...	......	......	......	......	......	0·42	0·08	1	0·50	?	4·68	?	9·43	?
		Kotalpore ..	......	......	......	......	......	1·52	......	1	1·52	?	6·47	?	8·36	?
		Anda ...	......	......	......	......	......	0·61	......	1	0·61	?	6·87	?	11·94	?
		Gangajalghati	......	......	......	......	......	......	0·06	Nil	0·06	?	7·54	?	10·04	?
		Raipore ...	......	......	......	......	......	1·15	......	1	1·15	?	8·28	?	10·59	?
		Sonamukhi	......	......	......	......	......	......	......	Nil	Nil	?	5·90	?	9·41	?
	Birbhum ...	Bh. Suri .	......	......	......	......	......	......	......	Nil	Nil	3·09	10·46	9·90	12·61	13·39
		Hetampore ..	......	......	......	......	......	0·57	......	1	0·57	2·48	5·02	11·09	7·05	12·65
		Rampur Hát...	......	......	......	......	......	......	......	Nil	Nil	2·42	3·46	9·14	5·53	11·71
		Bolpore	......	......	......	......	......	......	0·10	1	0·10	?	0·91	?	8·50	?
		Murarai ...	......	......	......	......	......	......	......	Nil	Nil	?	6·94	?	11·69	?
	Nadia ...	Ranaghat .	1·51	......	......	......	......	......	0·08	1	1·59	1·64	5·72	8·61	8·33	11·96
		Krishnagar ...	1·87	......	......	......	......	......	0·12	2	1·99	1·94	4·83	7·88	5·93	10·94
		Chuadanga .	0·21	......	......	......	......	......	0·39	2	0·60	1·28	3·61	8·15	7·71	13·11
		Meherpore ...	0·32	......	......	......	......	......	0·08	1	0·40	1·52	4·66	9·02	7·98	12·73
		Kushtia	0·25	......	......	......	......	......	0·70	2	0·95	2·29	3·13	10·04	7·81	14·74
	Khulna ...	Satkhira	0·23	......	......	......	......	......	0·01	1	0·24	2·49	4·43	11·77	6·81	15·10
		Bágerhat .	0·19	......	......	......	......	......	......	1	0·19	3·13	6·23	13·45	8·80	16·90
		Khulna ..	0·75	......	......	......	......	......	0·30	2	1·05	2·40	6·87	12·04	9·89	15·31
		Nakipur ...	......	......	......	......	......	......	0·70	1	0·70	?	9·60	?	12·92	?
		Rampal	0·90	......	......	......	......	......	......	1	0·90	?	6·22	?	8·59	?
	Jessore ...	Narail	1·13	......	......	......	......	......	0·29	2	1·42	1·88	7·48	10·17	11·14	13·41
		Jessore ..	0·59	......	......	......	......	......	0·26	2	0·85	2·11	6·97	11·68	10·81	15·64
		Jhenidah ..	......	......	......	......	......	......	0·93	1	0·93	1·90	4·59	11·85	8·28	15·46
		Magura ...	0·08	0·04	......	......	......	......	2·04	1	2·16	2·40	5·51	10·67	7·41	14·96
		Bangaon ..	0·50	0·50	......	......	......	......	1·20	3	2·20	2·08	4·57	9·31	7·49	12·56
	Murshidabad	Kandi ...	......	......	......	......	......	......	......	Nil	Nil	1·81	5·70	8·67	5·69	11·68
		Berhampore ...	......	......	......	......	0·35	0·05	0·25	2	0·65	1·79	5·74	8·39	9·22	11·96
		Lalbagh ...	......	......	......	......	0·58	......	0·45	2	1·03	1·84	5·18	7·01	11·70	10·96
		Azimgunge ...	......	......	......	......	0·60	......	1·08	2	1·68	2·38	4·57	8·32	9·80	13·58
		Jangipur ..	......	......	......	......	......	......	0·18	1	0·18	2·12	4·45	8·04	8·16	11·46
		Lalgola ..	......	......	......	......	......	......	0·10	1	0·10	2·09	2·80	8·70	6·96	12·32
		Akhriganj ...	......	......	......	......	......	......	0·17	1	0·17	?	3·36	?	8·40	?
		Patkabari ...	0·80	......	......	......	......	......	0·10	2	0·90	?	4·66	?	7·00	?
EAST BENGAL	Chittagong ...	Cox's Bazar ...	0·89	0·02	......	0·18	......	1·35	2·05	4	4·49	3·11	16·63	22·16	21·[illegible]	23·71
		Chittagong ...	......	1·80	0·06	......	......	......	0·85	2	2·71	4·97	6·15	26·39	7·91	20·13
		Kutubdia ...	......	0·25	1·67							?				?
		Satkanya ...	......	1·15	0·48	......	......	......	1·10	3	2·73	?	10·31		12·91	?
	Chittagong Hill Tracts.	Rangamati ...	......	2·14	......	1·40	0·18	0·15	0·47	5	4·34	3·39	11·67	17·00	17·34	[illegible]
		Bundarban ...	0·80	0·72	0·12	0·25	0·11					?		?		[illegible]
	Backergunge	Patuakhali ...	0·55	......	......	......	......	......	......	1	0·55	4·70	9·47	20·41	10·38	23·69
		Pirojpur ..	0·59	......	......	......	......	......	......	1	0·59	4·49	6·71	18·84	8·81	20·15
		Barisal	0·74	......	......	......	......	......	......	1	0·74	3·72	7·40	15·49	9·70	19·36
		Gournaddi ..	0·74	......	......	......	......	......	......	1	0·74	?	8·25	?	8·67	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 25th of June 1892—contd.

Meteorological division.	District.	Station.	RAINFALL. Sunday, 19th June.	Monday, 20th June.	Tuesday, 21st June.	Wednesday, 22nd June.	Thursday, 23rd June.	Friday, 24th June.	Saturday, 25th June.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th May 1892.	Average rainfall from 16 May to date.
EAST BENGAL—concld.	Noakhali	Bhola	0·93	0·14	0·05	...	...	...	...	2	1·12	4·32	8·58	19·34	9·23	24·49
		Daulatkhan	2·36	0·57	...	...	...	...	0·05	2	2·98	?	8·43	?	12·36	?
		Bauphal	1·65	0·08	...	...	...	...	0·05	1	1·78	?	9·52	?	14·67	?
		Noakhali	0·31	3·09	...	0·12	...	...	1·08	4	·60	5·54	15·43	23·68	19·01	30·00
		Fenny	...	1·35	...	0·09	0·10	...	0·21	2	1·75	4·60	8·41	25·55	15·10	32·45
		Harishpore	0·20	4·70	0·27							?		?		?
		Ramganj	...	3·55	...	0·05						?		?		?
	Faridpur	Madaripur	0·42	1·55	...	...	...	...	0·81	3	2·78	2·81	8·14	12·14	12·24	16·71
		Faridpur	...	2·20								2·53		11·13		16·64
		Goalundo	...	0·16	...	...	...	...	0·44	2	0·60	2·43	7·35	10·69	12·45	14·82
	Dacca	Munshiganj	1·30	0·63	...	...	...	...	0·40	3	2·33	3·18	6·03	14·24	12·52	19·40
		Dacca	0·23	1·65	0·18	...	...	...	0·35	4	2·41	2·73	4·03	12·29	10·68	16·72
		Narainganj	0·37	0·88	0·07	...	...	...	0·03	2	1·35	4·07	4·82	13·05	10·45	16·99
		Manikganj	0·03	0·31	...	...	...	...	0·54	2	1·88	1·87	3·63	8·79	8·21	12·87
		Joydebpore	0·05	0·11	0·20	0·12	...	...	0·92	4	1·40	?	4·17	?	9·09	?
	Hill Tippera Tippera	Agartola	...	0·97	1·91	...	...	...	0·43	3	3·31	2·36	7·99	12·77	15·23	18·06
		Comilla	...	0·50	0·82	...	0·02	...	0·45	3	1·79	3·68	6·08	17·34	12·07	23·27
		Chandpore										3·60		15·03		19·37
		Brahmanbaria	0·50	1·14	1·37	...	...	0·50	0·15	5	3·66	2·85	8·09	14·05	15·81	19·25
		Ramchandrapore	...	1·55	0·59	...	...	...	0·01	2	2·15		3·56	?	6·72	?
		Nasirnagar	0·10	0·15	1·00	5·10						?		?		?
		Daudkandi	2·36	0·57	...	...	...	...	0·05	2	2·98	?	7·20	?	9·26	?
		Kasba	...	0·78	0·30	1·74	...	...	0·15	4	2·97	?	5·27	?	11·01	?
		Laksham	1·55	1·30	...	...	...	...	...	2	2·85	?	6·30	?	12·75	?
	Mymensingh	Kishorganj	2·50	0·45	0·69	...	...	0·21				2·78		17·12		22·92
		Atia (*Tangail*)	...	0·05	1·24	...	...		0·04	1	1·33	2·94	4·15	12·00	10·44	15·80
		Mymensingh	0·17	0·81	1·18	0·15	0·07		1·65	5	4·66	3·75	10·88	17·03	22·06	24·00
		Jamalpur	0·19	...	0·55	...	...	1·14	2·57	4	4·75	3·28	8·80	13·63	14·93	18·38
		Netrakona	2·75	2·04	2·93	...	0·67	1·21	1·56	6	11·16	5·70	17·94	19·94	33·30	27·00
		Subornakhally	0·46	...	1·46	0·05	...		3·04	3	5·01	?	8·20	?	12·49	?
		Durgapore	2·21	0·30	1·20	...	0·50	4·12	3·70	6	12·23	?	23·09	?	39·07	?
		Sherepore Town	3·70	...	0·36	...	...	1·91	2·52	4	8·49	?	13·73	?	22·04	?
		Dewanganj	...	...	1·58	...	...	1·41	1·83	3	4·81	?	12·20	?	21·61	?
NORTH BENGAL.	Pabna	Pabna	...	...	...		...	...	1·09	1	1·09	1·90	4·53	9·87	9·00	13·92
		Sirajganj	1·67	...	2·09	0·04	...	...	0·64	3	4·44	2·14	8·53	9·90	15·37	14·62
	Bogra	Sherepore	1·33	...	...	...	...	...	0·05	1	1·39	2·30	7·86	10·96	12·37	16·62
		Nowkhilla	1·15	...	0·56	0·70	...	0·67	1·11	5	4·19	2·32	10·17	11·09	15·66	16·13
		Bogra	1·10	...	0·04	...	...	...	0·90	2	2·04	3·44	7·47	12·61	12·58	18·44
		Panchbibi	0·43	0·09	...	...	...	...	0·06	2	1·18	2·01	10·61	9·93	13·74	15·45
	Rajshahi	Boalia	...	...	...	...	...	...	...	Nil	Nil	2·21	3·05	8·78	6·70	12·14
		Nator	0·03	...	...	...	...	...	...	Nil	0·03	2·45	8·30	9·47	15·76	13·28
		Naogaon	0·70	...	...	...	0·05	...	...	1	0·75	4·56	7·75	14·61	11·54	17·35
		Lalpore	...	...	...	...	...	0·80	1·40	2	2·20	?	5·39	?	10·51	?
		Manda	...	...	...	0·20	...	...	0·11	2	0·31	?	5·60	?	8·60	?
	Malda	Malda	...	...	...	...	...	...	...	Nil	Nil	2·55	4·89	10·57	5·82	13·43
		Chanchal	...	...	...	...	...	...	...	Nil	Nil	3·38	3·81	12·07	5·12	15·02
		Gajol	...	...	...	...	...	...	...	Nil	Nil	?	7·67	?	9·65	?
		Sibganj	...	...	...	...	...	...		Nil	Nil	?	3·64	?	7·76	?
	Dinajpur	Mohadebpore	...	...	...	...	...	...	...	Nil	Nil	2·25	7·16	11·59	9·56	16·32
		Churamon	...	...	...	...	...	...	...	Nil	Nil	3·10	5·31	10·86	7·53	14·49
		Raigunge	...	...	...	...	...	...		Nil	Nil	3·18	6·75	13·64	10·03	17·75
		Dinajpur	0·21	...	...	...	...	1·58	0·03	2	1·62	3·98	9·12	15·40	11·08	20·65
		Baloorghat	0·52	...	...	...	...		...	1	0·52	3·85	4·99	11·39	6·60	17·37
		Thakoorgaon	0·65	...	...	...	...	1·39	1·92	3	3·96	?	14·60	?	24·04	?
	Rangpur	Bhawanigunge (*Gyabanda*)	3·00	1·00	0·30	...	...	2·00	0·72	5	7·02	2·59	12·64	14·20	22·11	20·04
		Rangpur	1·98	0·26	0·13	...	...	0·35	1·93	5	4·67	3·88	10·52	17·89	20·53	25·26
		Kurigram	1·40	0·10	1·12	0·31	...	1·70	2·77	6	7·40	4·38	14·89	21·25	22·06	30·37
		Bagdogra (*Nilphamari*)	0·27	...	...	...	...	0·30	2·50	3	3·07	6·78	7·07	25·05	16·52	33·72
		Ulipore	1·87	...	1·95	...	...	0·52	0·40	4	4·74	?	11·89	?	26·43	?
	Jalpaiguri	Jalpaiguri	1·26	2·29	0·13	0·77	0·17	0·22	0·80	7	5·64	6·59		26·56		35·17
		Alipore Dooar	0·88	1·19	...	0·40	4·62		1·11	5	8·20	?	18·76	?	38·59	?
		Fallacotta	0·54	1·12	...	1·15	0·34	0·52	0·18	6	4·15	?	8·04	?	28·88	?
		Debiganj	0·50	...	...	...	...	3·79	2·25	3	6·54	?	18·05	?	20·48	?
		Bhagatpore (Nagrabatta)	...	4·07	1·31	0·40	...	0·24	...	4	6·00	?	17·16	?	44·97	?
	Kuch Bihár	Dinhatta	2·65	0·22	...	2·74	0·53	0·26	4·54	6	10·94	7·16	19·81	27·81	46·59	37·96
		Kuch Bihár	0·46	0·10	...	3·39	3·10	0·23	4·82	6	12·15	7·87	[illegible]·48	34·27	48·57	44·04
		Mekligunge	1·33	0·30	...	4·81	...	0·20	4·82	5	11·36	8·27	20·63	26·94	40·12	35·82
		Mathabhanga	0·48	0·18	...	6·61	1·06	0·37	3·71	6	12·39	8·13	17·81	30·35	35·80	30·14
	Darjeeling Hill.	Buxa	0·33	4·27	0·51	4·20	0·30	5·28	0·10	7	14·99	12·38	28·88	43·14	53·23	55·60
		Silliguri	0·65	2·25	0·04	3·52	0·02	0·69	0·22	5	7·39	6·94	19·31	26·43	30·51	33·58
		Darjeeling	0·29	1·94	0·06	0·35	0·03	0·01	0·37	4	3·05	6·20	18·41	22·95	26·49	28·08
		Kalimpong	0·36	0·17	...	0·42	...	0·04	0·11	4	1·10	5·89	8·80	18·28	16·14	21·29
		Kurseong	0·13	0·23	...	...	...	...	0·03	2	0·38	?	19·37	?	26·61	?
NORTH BIHÁR	Purnea	Kishanganj	0·06	...	...	...	...	...	1·52	1	1·58	3·51	7·55	14·81	12·42	18·96
		Araria	...	...	...	...	...	...	...	Nil	Nil	3·42	14·73	12·28	18·71	15·51
		Purnea	...	...	...	...	...	...	...	Nil	Nil	2·76	4·97	11·02	8·49	14·09
		Gondwara (Korah)	...	...	...	...	...	...	0·50	1	0·50	?	6·95	?	9·67	?
		Bausee	...	...	...	...	...	...	...	Nil	Nil	?	7·20	?	10·64	?
		Forbesganj	...	...	...	...	...	...	0·42	1	0·42	?	8·76	?	14·14	?
		Kaliaganj	0·30	...	...	...	...	0·14	1·00	3	1·44	?	10·23	?	20·02	?
	North Bhagalpur.	Madhipura	...	...	...	...	...	...	...	Nil	Nil	2·26	5·02	8·38	9·72	10·44
		Bongaon (Syfabad)										?		?		?
		Supaul	...	...	...	...	...	...	...	Nil	Nil	2·32	8·01	8·83	10·43	11·17
		Protabganj	...	...	...	...	...	...	0·19	1	0·19	?	7·88	?	11·79	?
	Darbhanga	Tajpur	...	...	...	...	...	...	...	Nil	Nil	2·27	6·00	7·50	6·50	8·61
		Darbhanga	...	...	...	...	...	...	...	Nil	Nil	2·36	5·74	7·59	7·71	8·06
		Madhubani	...	...	...	...	...	...	...	Nil	Nil	2·57	6·59	8·24	8·43	9·90
		Bahera	...	...	...	...	...	...	...	Nil	Nil	?	8·21	?	8·81	?
		Rosera	...	...	...	...	...	...	...	Nil	Nil	?	3·16	?	3·23	?
	Muzaffarpur	Sitamarhi	...	...	...	...	...	0·53	...	1	0·53	1·84	6·04	7·94	7·80	9·22
		Muzaffarpur	...	...	...	...	...	...	...	Nil	Nil	1·98	5·16	7·32	5·89	8·75
		Hajipur	...	...	...	...	...	...	...	Nil	Nil	1·63	2·74	6·65	3·00	7·73
		Paru	...	...	...	...	...	...	...	Nil	Nil	?	4·37	?	5·72	?
		Mahua	...	...	...	...	...	...	...	Nil	Nil	?	5·86	?	9·24	?
		Siuhar	...	...	...	...	...	...	...	Nil	Nil	?	4·71	?	5·61	?
		Pupri	...	...	...	...	...	...	...	Nil	Nil	?	9·75	?	10·43	?

Statement of Rainfall in Bengal for the week ending Saturday (8 a.m.), the 25th of June 1892—*concld.*

Meteorological division.	District.	Station.	RAINFALL. Sunday, 19th June.	Monday, 20th June.	Tuesday, 21st June.	Wednesday, 22nd June.	Thursday, 23rd June.	Friday, 24th June.	Saturday, 25th June.	TOTAL— Number of rainy days.	Rainfall of week.	Average normal rainfall of week.	Total rainfall since 1st of month.	Average total rainfall from 1st of month.	Total rainfall since 16th May 1892.	Average rainfall from 16th May to date.
NORTH BIHÁR—*concluded.*	Champaran ...	Motihari ...	......	......	......	......	......	......	......	Nil	Nil	2·51	7·24	7·86	10·58	9·06
		Bettiah ...	......	......	......	......	......	......	......	Nil	Nil	2·85	4·91	8·08	6·08	9·47
		Bagaha ...	......	......	......	......	0·09	......	......	Nil	0·09	?	4·20	?	5·02	?
		Burhurwa ...	......	......	......	......	......	......	......	Nil	Nil	?	6·59	?	7·16	?
	Saran ...	Gopalganj ...	......	......	......	......	......	......	......	Nil	Nil	2·02	3·89	6·28	4·70	7·45
		Siwán ...	......	......	......	......	......	......	......	Nil	Nil	2·08	2·61	0·70	?	7·86
		Chapra ...	......	......	......	......	......	......	......	Nil	Nil	2·46	5·25	5·85	6·47	6·84
SOUTH BIHÁR	Shahabad ...	Buxar ...	......	......	......	......	......	......	......	Nil	Nil	2·02	3·52	4·90	3·67	5·55
		Dehri ...	......	......	......	......	......	......	......	Nil	Nil	1·70	6·90	4·60	7·04	5·74
		Bhabhua ...	......	......	......	......	......	......	......	Nil	Nil	2·73	3·79	5·11	4·08	5·74
		Sasarám ...	......	......	......	......	......	......	......	Nil	Nil	3·46	6·83	4·97	6·83	5·73
		Arrah ...	......	......	......	......	......	......	......	Nil	Nil	2·45	2·76	5·88	3·46	7·06
		Mohaniah ...	......	......	......	......	......	......	......	Nil	Nil	?	1·88	?	1·88	?
		Khiri ...	......	......	......	......	......	......	......	Nil	Nil	?	6·84	?	6·84	?
		Ageaon ...	......	......	......	......	......	......	......	Nil	Nil	?	3·40	?	3·40	?
		Rammagor ...	......	......	......	......	......	......	......	Nil	Nil	?	2·60	?	2·60	?
		Koath ...	......	......	......	......	......	......	......	Nil	Nil	?	3·70	?	3·79	?
		Sikroul ...	......	......	......	......	......	......	......	Nil	Nil	?	1·05	?	1·05	?
		Bassowan ...	......	......	......	......	......	......	......	Nil	Nil	?		?		?
		Monaharpur	......	......	......	......	......	......	......	Nil	Nil	?	4·81	?	4·81	?
	Gaya ..	Aurangabad ...	......	......	......	......	......	......	......	Nil	Nil	2·30	5·00	5·70	5·06	7·02
		Gaya ...	......	......	......	......	......	......	......	Nil	Nil	2·08	4·92	6·02	5·49	7·44
		Nawádah ...	......	......	......	......	......	......	......	Nil	Nil	2·24	6·32	5·29	6·70	0·75
		Jahánabad ...	......	......	......	......	......	......	......	Nil	Nil	1·70	1·28	4·80	1·28	6·20
		Arwal ...	......	......	......	......	......	......	......	Nil	Nil	?	2·86	?	2·36	?
		Daudnagar ...	......	......	......	......	......	......	......	Nil	Nil	?	3·75	?	3·75	?
		Sherghati ...	......	......	......	......	......	......	......	Nil	Nil	?	3·43	?	3·43	?
		Rajauli ...	......	......	......	......	......	......	......	Nil	Nil	?	3·75	?	3·82	?
		Pakri Barawan	......	......	......	......	......	......	......	Nil	Nil	?	2·96	?	3·11	?
	Patna ...	Patna ...	......	......	......	......	......	......	......	Nil	Nil	2·28	3·79	6·77	4·24	8·27
		Dinapore ..										2·46		6·44		7·69
		Bihár ...	......	......	......	......	......	......	......	Nil	Nil	2·04	4·15	6·22	4·55	7·88
		Barh ...	......	......	......	......	......	......	......	Nil	Nil	1·64	5·50	4·85	5·50	6·80
		Bickram ...	......	......	......	......	......	......	......	Nil	Nil	?	2·10	?	2·30	?
		Hilsa ...	......	......	......	......	......	......	......	Nil	Nil	?	1·93	?	2·73	?
	Monghyr ...	Begusarai ...	......	......	......	......	......	......	......	Nil	Nil	1·69	3·28	6·08	3·50	7·4
		Monghyr	......	......	......	......	......	......	......	Nil	Nil	2·11	4·27	6·33	4·57	8·0
		Jamui ...	......	......	......	......	......	......	......	Nil	Nil	2·56	5·02	6·30	6·17	7·6
		Gopri ...										?		?		?
		Sheikpura ...	......	......	......	......	......	......	......	Nil	Nil	?	3·08	?	3·23	?
	South Bhágalpur.	Bhágalpur ...	......	......	......	......	......	......	......	Nil	Nil	1·99	4·31	7·56	4·64	9·1
		Banka ...	......	......	......	......	......	......	......	Nil	Nil	2·67	2·87	7·54	3·97	9·1
		Kolgong ...	......	......	......	......	......	......	......	Nil	Nil	?	5·35	?	5·89	?
	Sonthal Parganas.	Rajmahal ...	......	......	......	......	......	......	......	Nil	Nil	3·24	3·83	10·10	4·58	13·0
		Godda ...	......	......	......	......	......	......	......	Nil	Nil	2·01	3·26	6·56	4·57	8·8
		Pakour ..	......	......	......	......	0·52	......	......	1	0·52	2·55	3·48	9·60	7·23	13·3
		Naya Dumka	......	......	......	......	......	0·01	......	Nil	0·01	2·25	3·80	8·50	6·48	10·7
		Deoghur ...	......	......	......	......	......	......	......	Nil	Nil	2·78	4·75	8·16	5·71	9·9
		Jamtara ...	......	......	......	......	......	......	......	Nil	Nil	2·33	4·42	7·91	7·00	10·2
		Belbodda ...	......	......	......	......	......	......	......	Nil	Nil	?	4·08	?	?	?
		Nanihat ...	......	......	......	......	......	......	......	Nil	Nil	?	2·33	?	?	?
CHOTA NAGPUR.	Hazáribágh ...	Pachamba (*Giridi*). ...	......	......	......	......	......	......	......	Nil	Nil	2·00	4·87	7·68	6·04	9·5
		Hazáribágh ...	......	......	......	......	......	......	......	Nil	Nil	2·19	8·85	6·07	9·73	8·6
		Semtagurah ...	......	......	......	......	......	......	......	Nil	Nil	2·87	8·44	7·14	9·64	9·0
		Mahudi Hills										2·52		7·20		9·0
		Jhoomra Hills	......	......	......	......	......	......	......	Nil	Nil	3·83	10·[illegible]0	10·83	12·80	11·[illegible]
		Barhi ...	......	......	......	......	......	......	......	Nil	Nil	?	5·13	?	5·79	?
		Chatra ...	......	......	......	......	......	......	......	Nil	Nil	?	6·28	?	6·53	?
		Karagdeha ...	......	......	......	......	......	......	......	Nil	Nil	?	6·57	?	7·54	?
		Ramghar ...	......	......	......	......	......	......	......	Nil	Nil	?	6·47	?	8·47	?
	Lohardaga ...	Lohardaga ...	......	......	......	......	......	......	......	Nil	Nil	2·53	9·02	7·65	9·47	9·[illegible]
		Ranchi ...	......	......	......	......	......	......	......	Nil	Nil	2·70	10·59	8·53	11·70	10·[illegible]
		Silli ...	......	......	......	......	......	......	......	Nil	Nil	?	11·60	?	11·60	?
	Palámau ...	Palámau ...	......	......	......	......	......	......	......	Nil	Nil	2·40	6·10	5·84	6·26	6·[illegible]
		Balumat ...	......	......	......	......	......	......	......	Nil	Nil	?	8·95	?	9·17	?
		Hosseinabad	......	......	......	......	......	......	......	Nil	Nil	?	6·96	?	7·98	?
		Garwah ...	......	......	......	......	......	......	......	Nil	Nil	?	4·10	?	4·25	?
	Singbhum ...	Chaibassa ...	......	......	......	......	......	......	......	Nil	Nil	2·37	5·67	7·98	7·86	10·[illegible]
		Chakradharpore.										?		?		?
		Ghatsilla ...	......	......	......	......	......	......	......	Nil	Nil	?	5·63	?	7·47	?
		Baharagura	......	......	......	......	......	......	......	Nil	Nil	?	6·66	?	8·05	?
	Manbhum ...	Purulia ...	......	......	......	......	......	......	......	Nil	Nil	2·64	10·71	8·35	12·45	10·[illegible]
		Gobindpur ...	......	......	......	......	......	......	......	Nil	Nil	2·05	7·65	7·22	8·14	8·[illegible]
		Raghunathpore	......	......	......	......	......	......	......	Nil	Nil	?	5·18	?	7·09	?
		Barrabhum	......	......	......	......	......	......	......	Nil	Nil	?	11·88	?	11·60	?
		Jhaldu ...	......	......	......	......	......	......	......	Nil	Nil	?	13·04	?	14·06	?
		Chas ...	......	......	......	......	......	......	......	Nil	Nil	?	5·14	?	6·97	?
		Pandra ...	......	......	......	......	......	......	0·03	Nil	0·03	?	6·07	?	7·06	?

Explanation.—......indicate that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank. With reference to the column of rainy days, the definition of a rainy day is when at least 0·1 inch of rain has fallen.

CALCUTTA, *the* 28*th June* 1892.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS TAKEN IN ASSAM, FOR THE WEEK ENDING 8 A.M., SATURDAY, THE 25TH OF JUNE 1892.

DURING the week ending the 18th instant, the wave of monsoon winds following in the rear of the cyclone of the previous week had spread over the whole province, and had given general rainfall for several days, though in the majority of cases the falls had been smaller than the normal amounts. This humid current, however, appeared rapidly to decrease in strength, and even finally almost to cease to flow over the greater part of the province. Hence from the beginning of the week rainfall began to be less general and lighter. The rainfall-bearing current apparently first withdrew from Bihár and Chota Nagpur and then from Orissa and South Bengal, but rain continued at many of the stations in East and North Bengal until about the 22nd, when the rain-bearing current to a certain extent withdrew from the province, for rain ceased to fall except at the stations in and near the hills of North Bengal. In its retreat, however, it again gave a few showers in Orissa. From the 23rd the rainfall over the province was confined to a few showers of little importance. In the Bay during the early part of the week the monsoon current appeared generally to be of moderate strength only, but from the 20th the wind velocities at the Ceylon stations showed that another strong advance of monsoon winds was taking place in the extreme south of the Bay, and these strong winds continued to blow for four or five days. With the strengthening of the monsoon winds in the Bay towards the end of the week another advance of humid winds again commenced to flow over the province and to give general rain, the rain as usual beginning at the southern, eastern and north-eastern stations, and on the last day of the week under review rainfall was tolerably general over these districts, though Bihár, Orissa, and Chota Nagpur remained almost rainless.

In other respects the meteorology of the week has not been important. Pressure rose slowly on the 19th, and again on the 20th, but on the 21st it fell in Bihár, while elsewhere the increase continued. On the 22nd the fall became more general, and pressure became slightly below the normal in all districts except South Bengal and Orissa. A slight fall again occurred on the 23rd, but the pressure distribution was little changed. On the 24th pressure had commenced to rise, the increase being large in parts of South Bengal, and distinctly low pressure was on this day established in the north and north-east of the province. On the 25th a moderately rapid fall of pressure set in which produced a distinct though rather feeble low pressure area in the north of the province, where pressure was more than a tenth of an inch below the normal, while in South Bengal and Orissa a band of relatively high pressure still continued to exist, and indeed pressure was still above the normal over this area. This band of high pressure has indeed formed a prominent character in the meteorology of the week. Temperature has on the whole risen steadily almost throughout the week owing to the diminution, and finally almost complete absence, of rainfall, and it became quickly above the normal, particularly in the western districts, where towards the close of the week the excess equalled about 10°. Winds on the whole have been fairly normal in direction and at the head of the Bay, and at many of the inland stations they have been decidedly stronger than usual at this season of the year, though this was not the case generally over the Bay area, except at the Ceylon stations, in the latter half of the week.

Pressure.—The variations of the mean pressure from the normal for the week have been rather irregular. Over the north of the province, and particularly in North Bengal where a depression existed for a part of the week, the mean pressure for the period has been in defect of the normal, the defect being largest at Jalpaiguri, where it equals 0·043". On the other hand, there has been an area of relatively high pressure over South Bengal and Orissa, where the mean pressure is about 0 03" in excess of the normal, and this excess is largest in Orissa, where at False Point and Cuttack it equals 0·06" and at Gopalpore 0·09". Between these two areas pressure is fairly normal. In Assam pressure has been below the normal by 0 025," the defect being largest at Sibsagar, where it equals 0 019".

Temperature—Has been above the normal over the whole of Bengal for the week, though in Assam there has been a defect of a little more than one degree. The excess in Bengal is small at the eastern and northern stations and in the extreme south-west of the province, equalling about a degree in East and North Bengal and Orissa and gradually increasing towards the western districts, where in Chota Nagpur it equals 4·1,° in North Bihár 3·6,° and in South Bihár no less than 6·0°. For the whole of Bengal indeed an average excess of 2·9° has been registered.

Rainfall—Has been unusually light during the week. An average fall of rather more than three and-a-half inches is recorded in North Bengal and one of two and-a-half inches in East Bengal. An average amount of about an inch has fallen in Orissa and South-West Bengal, but Chota Nagpur and Bihár have been almost rainless. In all cases the falls are very largely below the normal, a defect of about four inches being recorded in East and North Bengal and of about two to three inches over the remainder of the province. Generally speaking, indeed the rainfall for the week has not been much more than a third of the normal fall for the period.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Saturday, the 25th of June 1892:—

Meteorological Divisions	Temperature.						Rainfall.									
	Highest observed during week.	Lowest observed during week.	Averages for week			Average mean of week above or below normal mean of week	Of week.			Rainy days.			Since 1st of month.		Since 16th May 1892.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	97 9	73 8	92·2	80 7	86 5	+0 9	0 98	3·24	—2·20	1 20	3 03	—1 83	10 08	8·23	11 26	10·60
South-West Bengal ..	102 5	72·7	95 4	80 9	88·2	+2 2	0 79	2 21	—1 42	1 22	3·34	—2 12	5 63	9·34	8·83	12·41
East Bengal ..	93 6	72 8	88 5	78 0	83 3	+0·8	2 56	3 76	—1 20	2·64	4 08	—1 44	8 21	17·02	14 23	22·82
North Bengal .	98 0	71 7	91 4	78 3	84 8	+1 1	3 68	4·07	—0 39	2 70	3·62	—0 92	9·77	16 20	17 93	22·18
North Bihár .	106 3	75 9	97 3	80 6	89 0	+3 6	0 13	2 48	—2 35	0 13	2·80	—2 67	6 05	8 43	7 89	10·25
South Bihár ..	108 6	80 0	102 5	84 0	93 3	+6·6	0 02	2 26	—2 24	0 04	2·93	—2 89	4 88	6 51	5·14	8·13
Chota Nagpur . ..	100 3	75 9	96 6	79 4	88·0	+4·1	Nil	2 50	—2·50	0 00	3 54	—3 54	7 12	7·08	8 39	9·49
Assam ...	91 5	72 3	86 5	75·4	80 9	—1 1										

METEOROLOGICAL OFFICE, BENGAL,
The 28th June 1892.

A. PEDLER,
Meteorological Reporter to the Govt. of Bengal.

Results of the Barometrical and Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 19th to 25th June 1892.

Month.	Date.	Pressure at 10 A.M. corrected and reduced to 32° Fahr.	Temperature.						Hygrometry.			Rainfall at 10 A.M. for past 24 hours.
			Daily mean.	Maximum.	Range.	Minimum.	Dry bulb at 10 A.M.	Wet bulb at 10 A.M.	Vapour tension at 10 A.M.	Dew point at 10 A.M.	Humidity at 10 A.M.	
1892.		Inches.	°	°	°	°	°	°	Inches.	°	%	Inches
June ...	19th ...	29 594	89 1	97 0	15 9	81 1	89 9	84 3	1 103	82 2	79	Nil
,, ..	20th ..	644	88 4	94 0	11 2	82 8	89 6	84 0	1 092	81 9	79	...
,, ...	21st .	670	88 7	94 5	11 7	82 8	90 8	84·5	1·101	82·2	76	...
,, ...	22nd ...	628	87 4	95 0	15 2	79·8	91 6	82 5	990	78 9	67	...
,, ..	23rd ...	618	88 7	94 8	12 3	82 5	90 6	84 5	1 104	82 3	77	...
,, ..	24th ..	658	82 5	85 9	6·9	79 0	81 1	77 3	·887	75 6	84	...
,, ...	25th ...	·632	80 6	89 5	17 9	71 6	79 8	78 2	·945	77·5	93	16·8

			Inches.
The mean 10 A.M. pressure of the seven days ...	...	...	29·635
			°
The mean temperature of the seven days ...	...	.	86·5
The extreme variation of temperature ...	...	...	25·4
The maximum temperature	...	...	97·0
			%
The mean 10 A.M. relative humidity of the seven days	...	...	79
			Inches.
The total fall of rain from 19th to 25th June 1892	...	...	1·68

The daily mean temperatures are the crude means of maximum and minimum temperatures.

J. H. GILLILAND,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
The 27th June 1892.

Results of the Meteorological Observations taken at the Alipore Observatory from 19th to 25th June 1892.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	Temperature.				Hygrometry.				Wind.		Rain.	Weather.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction	Miles recorded.		
		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
June	19th	149·1	1·6	29·552	87·3	94·8	13 9	80·9	82·3	1·041	80·5	81	S by W and WSW	132	Nil	Chiefly cloudy, o.
,,	20th	150·3	2·6	·604	87·1	92·3	9·3	83·0	83·4	1·093	82·0	85	SSW and S ...	194	,,	Chiefly cloudy, o.
,,	21st	151·5	8·9	·616	87·5	92·4	9·7	82·7	82·4	1·081	81·6	83	S and SSW ...	257	,,	Partially cloudy.
,,	22nd	144·1	9·3	·577	86·8	93·0	13·8	79·2	81·6	1·011	79·6	80	SW and SSW ...	197	,,	Chiefly clear.
,,	23rd	147·4	7·0	·586	87·6	92·9	10·2	82·7	82·9	1·061	81·0	81	SSW ...	245	Not measureable.	Partially cloudy, o, g, d.
,,	24th	106·7	Nil	·601	83·8	85·7	7·5	78·2	81·0	1·021	79·9	88	SSW ...	203	0 03	Cloudy, o, g, d, t.
,,	25th	186·5	,,	·578	83·7	88·7	15·8	72·9	80·5	0·999	79·2	86	SSW, S and variable.	226	0·96	Cloudy, o, g, d, p, t.

	Inches.
The mean pressure of the seven days	29·588
The average pressure of the corresponding period for 24 years, S.-G.'s Office ...	29·525
	Hours.
The total number of hours of bright sunshine	29·4
The maximum possible number of hours of sunshine	94·4
	°
The mean temperature of the seven days	86·3
The average temperature of the corresponding period for 24 years, S.-G.'s Office	84·4
The extreme variation of temperature	21·9
The maximum temperature	94·8
	Miles.
The highest velocity of the wind in one hour	18
	lbs.
The highest pressure of wind on one square foot	?
	%
The mean relative humidity	83
The average relative humidity of the corresponding period for 24 years, S.-G.'s Office	84
	Inches.
The total fall of rain from 19th to 25th June 1892	0·99
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	3·03
The total fall from 1st January to 25th June 1892	12·28
The average fall of the corresponding period for 24 years, S.-G.'s Office ...	19·45

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; d, drizzling rain; p, passing temporary showers; t, thunder.

J. H. Gilliland,
For Meteorological Reporter to the Govt. of India.

Meteorological Office, Govt. of India;
Calcutta, the 27th June 1892.

Statement showing the Results of the Registration of Births and Deaths in the principal Municipalities in Bengal during the week ending with Saturday, the 4th June 1892.

1	2	3			4			5			6	7							8							9	10		11		12
DISTRICTS.	NAMES OF MUNICIPALITIES.	POPULATION.			BIRTHS. Number of—			BIRTHS. Ratio per 1,000 of population per annum.			Ratio of male births to every 100 female births.	MORTALITY ACCORDING TO— Diseases. Deaths from—							MORTALITY ACCORDING TO— Diseases. Ratio per 1,000 of population per annum.							Ratio of deaths per 1,000 of population per annum in the preceding month.	Sex. Deaths.		Sex. Ratio per 1,000 of population per annum.		Ratio of male deaths to every 100 female deaths, calculated on the proportion such mortality bears to the total male and female population.
		Male.	Female.	Total.	Male.	Female.	*Total.*	Male.	Female.	*Total.*		Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*	Cholera.	Small-pox.	Fever.	Dysentery and diarrhœa.	Injury.	Other causes.	*All causes.*		Male.	Female.	Male.	Female.	
Burdwan	Burdwan	18,527	15,950	34,477	7	8	*15*	10·5	12·0	*22·6*	87	..	3	19	4	...	9	*35*	...	4·5	28·6	6·0	...	13·5	*52·7*	24·4	15	20	42·1	65·2	67
	Raniganj	7,983	5,789	13,772	3	3	*6*	11·3	11·3	*22·6*	100	3	...	5	...	...	3	*11*	11·3	...	18·8	...	...	11·3	*41·5*	80·8	7	4	45·5	35·9	126
Bankura ...	Bankura	9,282	9,461	18,743	3	3	*6*	8·3	8·3	*16·6*	100	...	...	1	...	1	...	*2*	...	...	2·7	...	2·7	...	*5·5*	8·7	...	2	...	10·9	No male death.
Birbhum ...	Suri	3,837	3,644	7,451	...	...	...	...	...	...	...	2	...	1	...	...	...	*3*	13·9	...	6·9	...	..	...	*20·8*	13·3	2	1	27·1	14·2	19
Midnapore ...	Midnapore ...	16,253	16,011	32,264	8	5	*13*	12·8	8·0	*20·9*	160	43	...	4	5	...	2	*54*	69·3	...	6·4	8·0	...	3·2	*87·0*	119·3	30	24	95·9	77·9	123
Hooghly, including Serampore.	Hooghly and Chinsura.	16,529	16,033	32,562	6	3	*9*	9·5	4·7	*14·3*	200	6	...	12	1	1	...	*20*	9·5	...	19·1	1·5	1·5	...	*31·9*	58·5	15	5	47·1	16·3	290
	Serampore ...	20,200	15,752	35,952	7	4	*11*	10·1	5·7	*15·9*	175	7	...	5	2	1	5	*20*	10·2	..	7·2	2·8	1·4	7·2	*28·9*	60·8	15	5	38·8	16·5	235
	Utterpara	3,731	2,758	6,489	1	3	*4*	8·0	24·0	*32·0*	33	...	..	4	...	...	1	*5*	...	...	32·0	...	...	8·0	*40·0*	37·7	2	3	27·8	56·5	49
Howrah ...	Howrah	70,477	46,129	116,606	10	14	*24*	4·4	6·2	*10·7*	71	11	...	12	2	...	8	*33*	4·9	...	5·3	·8	...	3·5	*14·7*	28·1	23	10	16·9	11·2	150
	Bally	9,515	7,185	16,700	4	1	*5*	6·4	3·1	*15·5*	207	...	..	5	4	...	2	*11*	...	...	15·5	1·4	...	6·2	*34·2*	28·1	5	6	27·3	43·4	62
24-Parganas	Cossipore-Chitpur	19,424	11,999	31,423	2	2	*4*	3·3	3·3	*6·6*	100	5	...	4	...	...	...	*9*	8·3	...	6·6	...	...	...	*14·9*	27·7	7	2	18·1	8·6	210
	Manicktolla ...	20,711	12,154	32,865	3	4	*7*	4·7	6·3	*11·0*	75	7	..	7	1	...	2	*17*	11·0	...	11·0	1·5	...	3·2	*26·9*	29·0	9	3	22·5	34·2	65
	Baranagore ...	18,797	15,481	34,278	5	3	*8*	7·5	4·5	*12·1*	166	2	...	6	5	...	4	*17*	3·0	...	9·1	7·5	...	6·1	*25·7*	27·7	14	3	38·7	10·0	387
	South Suburban	37,794	31,848	69,642	5	3	*8*	3·7	2·2	*5·9*	166	2	...	8	1	1	3	*15*	1·4		5·9	·7	·7	2·2	*11·2*	26·2	9	6	12·3	9·7	126
Nadia ...	Krishnagar ...	12,444	13,056	25,500	2	2	*4*	4·0	4·0	*8·1*	100	...	...	8	...	...	2	*10*	...	...	16·3	...	...	4·0	*20·3*	13·2	6	4	25·0	15·9	157
	Ranaghat	4,082	4,424	8,506	...	1	*1*	...	6·1	*6·1*	No male birth.	...	..	...	...	...	2	*2*	...	...	...	...	...	12·2	*12·2*	24·0	...	2	...	23·5	No male death.
	Santipur	14,000	16,437	30,437	14	8	*22*	23·9	13·6	*37·5*	174	...	..	7	...	...	...	*7*	...	...	11·9	...	...	...	*11·9*	15·8	6	1	22·2	3·1	13
Jessore ...	Jessore	5,040	3,262	8,302	...	...	...	...	...	...	...	1	...	5	...	...	...	*6*	6·2	...	31·3	...	...	...	*37·5*	6·1	6	...	61·9	...	No female death.
Murshidabad	Berhampore ...	12,260	11,255	23,515	1	4	*5*	2·2	8·8	*11·0*	24	...	...	9	...	...	..	*9*	...	...	19·9	...	...	...	*19·9*	11·0	3	6	12·7	27·7	45
	City Murshidabad	18,046	17,530	35,576	5	4	*9*	7·3	5·8	*13·1*	135	...	...	6	...	...	1	*7*	...	...	8·7	...	...	1·4	*10·2*	19·9	5	2	14·4	5·9	244
Khulna ...	Khulna	4,896	3,771	8,667	...	...	...	...	...	...	...	2	...	1	1	...	1	*5*	11·9	...	5·9	5·9	...	5·9	*29·9*	41·3	4	1	48·4	13·7	309
Dinajpur ...	Dinajpur	7,228	4,976	12,204	...	2	*2*	...	8·5	*8·5*	No male birth.	...	...	2	...	...	3	*5*	...	...	8·5	...	...	12·7	*21·3*	49·7	2	3	14·3	31·3	45

Rajshahi ...	Rampur Boalia ...	11,751	9,656	21,407	6	...	6	14·5	...	14·5	No female birth.	...	...	16	...	...	...	16	...	...	33·8	...	...	...	28·8	49·9	5	11	33·1	59·2	37
Rangpur ...	Rangpur	8,720	5,496	14,216	1	2	3	3·6	7·3	10·9	50	...	...	6	3	...	1	10	...	...	21·9	10·9	...	3·6	36·5	63·5	8	3	47·7	18·9	251
Bogra ...	Bogra	3,711	2,984	6,695	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	7·8	...	...	...	7·8	33·7	1	...	14·0	...	No female death.
Pabna ... {	Pabna	8,234	8,252	16,486	6	4	10	15·9	12·6	31·5	150	...	...	3	...	...	1	4	...	...	9·4	...	...	3·1	12·6	17·0	...	4	...	25·2	No male death.
	Sirajganj	13,090	10,177	23,267	2	4	6	4·4	8·9	13·4	50	1	...	2	...	...	2	5	2·2	...	4·4	...	...	4·4	11·1	7·4	4	1	15·8	5·1	309
Darjeeling ...	Darjeeling ...	8,923	5,222	14,145	1	1	2	3·6	3·6	7·3	100	2	...	6	2	...	4	14	7·3	...	22·0	7·3	...	14·7	51·4	44·5	8	6	46·6	59·7	78
Jalpaiguri ...	Jalpaiguri ...	6,409	3,273	9,682	...	...	...	...	...	...	...	...	...	4	...	...	...	4	...	...	21·4	...	...	...	21·4	6·5	1	3	8·1	47·6	17
Dacca ... {	Dacca	78,196	40,212	118,408	17	12	29	7·5	5·2	12·7	141	...	6	26	11	2	6	51	...	2·6	11·4	4·8	·8	2·6	22·3	22·7	25	26	16·6	33·6	49
	Narainganj ...	12,116	5,599	17,715	2	3	5	5·8	8·8	14·6	66	...	...	4	1	...	1	6	...	...	11·7	2·9	...	2·9	17·6	16·6	4	2	17·1	18·5	92
Faridpur ...	Faridpur ...	6,176	4,598	10,774	1	3	4	4·8	14·4	19·3	33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20·3	...	...	...	...	...
Backergunge ...	Barisál	10,384	5,098	15,482	...	1	1	...	3·3	3·3	No male birth.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15·7	...	...	...	...	...
Mymensingh ...	Nasirabad ...	6,431	5,124	11,555	...	1	1	...	4·5	4·5	Ditto.	...	3	3	2	...	1	9	...	13·5	13·5	8·9	...	4·5	40·5	3·5	1	8	6·1	133·1	4
Chittagong ...	Chittagong ...	14,254	9,815	24,069	14	15	29	30·2	32·4	62·6	93	2	...	11	1	2	...	16	4·3	...	23·7	2·1	4·3	...	34·5	42·3	9	7	32·8	37·0	88
Noakhali ...	Sudharam ...	3,559	1,920	5,479	2	2	4	18·9	18·9	37·9	100	...	...	3	...	...	...	3	...	...	25·4	...	...	...	28·4	40·6	1	2	14·5	54·1	26
Tippera ...	Comillah	8,580	6,100	14,680	2	...	2	7·0	...	7·0	No female birth.	...	...	2	...	...	2	4	...	...	7·0	...	...	7·0	14·1	61·6	2	2	12·0	17·0	70
Patna ... {	Patna City ...	74,963	77,807	152,770	21	26	47	7·1	8·8	15·9	80	21	2	20	10	1	18	72	7·1	·3	6·8	3·4	·3	6·1	24·5	29·2	34	38	23·5	25·3	92
	Bihár	22,917	24,806	47,723	15	11	26	16·3	11·9	28·3	136	3	2	10	7	...	9	31	3·2	2·1	10·8	7·6	...	9·8	33·7	36·1	15	16	34·0	33·5	101
	Dinapore	21,893	22,526	44,419	4	9	13	4·6	10·5	15·2	41	2	...	7	2	...	7	18	2·3	...	8·1	2·3	...	8·1	21·0	21·9	14	4	33·2	9·2	300
Gaya ...	Gaya	40,893	39,490	80,383	13	10	23	8·4	6·4	14·8	130	4	2	43	...	1	6	56	2·5	1·2	27·3	...	·6	3·8	36·9	34·8	21	35	26·7	44·0	57
Shahabad ... {	Arrah	23,426	23,479	46,905	13	11	24	14·4	12·1	26·6	117	9	...	16	...	...	2	27	9·0	...	17·7	...	...	2·2	29·9	41·9	16	11	35·5	24·2	145
	Buxar	8,216	7,343	15,559	2	3	5	6·6	10·0	16·7	66	8	...	8	...	...	...	16	26·7	...	26·7	...	...	...	53·4	79·5	8	8	50·7	56·6	89
Muzaffarpur ...	Muzaffarpur ...	27,165	22,027	49,192	11	8	19	11·6	8·4	20·1	137	86	...	30	5	1	15	137	90·9	...	31·7	5·2	1·0	15·9	144·8	155·7	85	52	163·0	122·7	133
Darbhanga ...	Darbhanga ...	38,267	35,294	73,561	24	25	49	18·0	15·8	36·8	96	61	1	19	17	...	22	120	45·9	·7	14·2	12·7	...	16·5	90·2	110·1	54	66	80·9	99·7	81
Saran ...	Chapra	28,743	28,609	57,352	14	8	22	12·6	7·2	19·9	175	2	...	11	6	...	17	36	1·8	...	9·9	5·4	...	15·4	32·6	34·2	24	12	43·4	21·8	199
Champaran ...	Motihari	7,824	5,284	13,108	1	...	1	3·9	...	3·9	No female birth.	21	...	6	...	2	2	31	83·3	...	23·8	...	7·9	7·9	122·9	121·1	16	15	106·3	147·6	72
Monghyr ... {	Monghyr	27,188	29,889	57,077	10	13	23	9·1	11·8	20·9	77	7	...	14	5	1	9	36	6·3	...	12·7	4·5	·9	8·1	32·7	23·0	17	19	32·5	33·0	88
	Jamálpore ...	9,547	8,542	18,089	9	3	12	25·8	8·6	34·4	300	2	...	5	2	...	1	10	5·7	...	14·3	5·7	...	2·8	28·7	38·3	5	5	27·2	30·4	89
Bhágalpur ...	Bhágalpur ...	34,708	34,398	69,106	13	15	28	9·7	11·2	21·0	86	1	...	30	3	...	2	36	·7	...	22·5	2·2	...	1·5	27·0	41·9	21	15	31·4	22·6	138
Purnea ...	Purnea	8,759	5,796	14,555	...	...	...	...	...	...	...	...	...	2	...	1	2	5	...	...	7·1	...	3·5	7·1	17·8	24·2	5	...	29·6	...	No female death.
Malda ...	English Bazar ...	7,381	6,437	13,818	...	3	3	...	11·2	11·2	No male birth.	...	...	1	...	...	...	1	...	...	3·7	...	...	...	3·7	25·1	1	...	7·0	...	No female death.
Sonthal Parganas.	Deoghur	5,067	3,600	8,667	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·5	...	...	...	...	...
Cuttack ...	Cuttack	25,235	21,951	47,186	10	7	17	11·0	7·7	18·7	142	...	...	9	5	...	1	15	...	...	9·9	5·5	...	1·1	16·5	22·8	9	6	15·5	14·3	130
Puri ...	Puri	15,930	12,864	28,794	2	2	4	3·6	3·6	7·2	100	9	...	3	...	...	5	17	16·2	...	5·4	...	...	9·0	30·7	58·7	11	6	35·9	24·2	146
Balasore ...	Balasore	10,550	10,225	20,775	4	3	7	10·0	7·5	17·5	133	8	...	...	1	1	5	15	20·0	...	...	2·4	2·4	12·5	37·5	41·1	8	7	39·5	35·5	111
Hazáribágh ...	Hazáribágh ...	8,328	8,344	16,672	1	8	9	3·1	24·9	28·0	12	5	...	7	1	...	2	15	15·5	...	21·8	3·1	...	6·2	46·7	57·8	8	7	49·9	48·6	114
Lohardaga ...	Ranchi	10,798	9,508	20,306	10	11	21	25·6	28·1	53·7	90	5	...	8	...	...	5	18	12·8	...	20·4	...	...	12·8	46·0	23·4	11	7	58·9	38·2	138
Singhbhum ...	Chaibassa	3,553	3,297	6,850	2	2	4	15·1	15·1	30·3	100	15	...	2	1	...	1	19	113·8	...	15·1	7·5	...	7·5	144·2	95·2	10	9	145·1	141·9	102
Manbhum ...	Purulia	6,549	5,379	12,128	5	5	10	21·4	21·4	42·8	100	2	...	2	...	...	...	4	8·5	...	8·5	...	...	...	17·1	44·7	2	2	15·8	18·6	84
	Total ...	1,021,400	853,436	1,874,926	324	308	632	8·9	8·5	17·5	105	367	19	471	111	16	197	1,181	10·1	·5	13·0	3·9	·4	5·4	32·7	39·9	639	532	33·0	32·4	101

		13					14					15										16									
		MORTALITY ACCORDING TO—																													
		Class.										Age.																			
DISTRICTS.	NAMES OF MUNICIPALITIES.	DEATHS AMONG—					RATIO PER 1,000 OF POPULATION PER ANNUM.					DEATHS.										RATIO PER 1,000 OF POPULATION PER ANNUM.									
		Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Christians.	Hindus.	Muhammadans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and upwards.
Burdwan ...	Burdwan	...	23	13	...	...	...	47·3	67·0	...	...	6	4	...	...	1	6	5	5	6	2	418·7	83·6	...	...	17·9	44·6	39·8	55·9	146·9	57·1
	Raniganj	...	11	...	...	...	...	50·3	...	...	...	4	...	...	2	...	2	1	...	...	2	732·3	...	...	77·2	...	36·0	21·2	...	...	184·3
Bankura ...	Bankura	...	2	...	...	...	...	5·7	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	25·0	27·6	...	...	...	...	...
Birbhum ...	Suri	...	2	1	...	...	...	19·2	23·1	...	...	...	...	1	1	1	...	...	...	...	...	...	...	68·3	69·2	64·3	...	...	...	...	...
Midnapore ...	Midnapore ...	...	31	22	...	1	...	65·3	169·1	...	131·3	3	5	3	5	10	6	7	6	3	6	179·3	106·3	45·7	83·6	163·5	47·8	67·7	85·5	78·7	189·9
Hooghly, including Serampore.	Hooghly and Chinsura.	...	14	6	...	...	...	27·5	52·6	...	...	3	2	...	...	1	3	5	2	2	2	203·3	8·1	...	...	20·0	20·3	45·6	26·6	45·8	93·6
	Serampore	...	15	5	...	...	...	25·8	47·6	...	...	5	1	2	1	2	3	3	1	1	1	303·0	26·0	21·3	14·9	31·2	23·1	27·1	11·3	17·2	38·8
	Utterpara	...	5	...	...	...	...	41·5	...	...	...	1	1	1	...	...	1	...	...	1	...	293·1	32·2	90·5	...	...	80·9	...	...	16·9	...
Howrah ...	Howrah	...	24	9	...	...	...	14·4	16·4	...	...	8	2	3	2	2	7	2	2	2	3	173·6	12·6	15·9	11·8	11·2	13·3	4·4	6·8	14·2	31·2
	Bally	...	18	...	...	...	...	38·2	...	...	...	2	...	1	2	1	1	2	...	1	1	256·4	...	32·2	77·0	40·9	14·5	34·6	...	48·1	57·9
24-Parganas	Cossipore-Chitpur	...	8	1	...	...	...	18·6	6·7	...	...	...	2	...	1	...	2	1	1	1	1	...	54·2	...	25·8	...	15·2	7·9	11·0	21·2	28·4
	Manicktola ...	...	15	2	...	...	...	34·1	10·5	...	...	...	5	3	1	...	...	1	5	...	2	...	162·9	60·9	28·5	...	...	6·7	51·6	...	59·3
	Baranagore ...	...	16	1	...	...	...	29·1	9·1	...	...	3	...	2	...	2	3	2	4	1	...	19·4	...	31·4	...	38·5	23·1	15·9	45·6	21·8	...
	South Suburban	...	9	6	...	...	...	11·9	10·4	...	...	3	1	1	...	...	3	4	...	3	...	80·4	8·8	6·3	...	...	11·6	18·4	...	34·6	...
Nadia ...	Krishnagar ...	...	8	2	...	...	...	24·3	13·4	...	...	...	1	...	...	...	1	3	2	2	1	...	23·3	...	...	...	13·1	39·7	31·9	51·3	30·1
	Ranaghat	...	2	...	...	...	...	14·4	...	...	...	1	...	...	...	...	...	...	...	1	...	173·3	...	...	...	...	...	...	...	80·2	...
	Santipur ...	...	3	4	...	...	...	7·3	22·5	...	...	4	...	1	...	...	...	1	...	...	1	161·2	...	14·9	...	...	...	12·7	...	...	21·9
Jessore ...	Jessore	...	1	5	...	...	...	11·1	75·1	...	...	...	1	...	3	...	1	...	...	1	...	...	90·7	...	223·1	...	27·7	...	...	95·2	...
Murshidabad.	Berhampore ...	1	6	2	...	...	22·0	16·6	24·7	...	...	1	1	...	...	...	1	...	1	2	3	111·8	28·7	...	...	...	14·4	...	17·6	48·2	59·9
	City Murshidabad	...	2	5	...	...	...	5·9	20·6	...	...	...	1	...	...	...	...	3	2	1	...	...	14·3	...	...	...	...	29·9	28·5	11·9	...
Khulna ...	Khulna	...	5	...	...	...	...	52·3	...	...	...	1	1	...	...	1	...	1	1	...	...	196·2	59·4	...	...	65·6	...	39·1	68·8	...	...
Dinajpur ...	Dinajpur	...	2	3	...	...	...	15·6	28·9	...	...	1	...	...	...	1	2	1	...	...	...	226·0	...	...	...	51·4	37·5	21·8	...	...	...
Rajshahi ...	Rampur Boalia ...	...	9	7	...	...	...	41·5	36·2	...	...	2	2	1	2	2	1	4	...	1	...	161·7	82·6	22·6	59·8	57·2	11·7	57·9	...	38·7	...
Rangpur ...	Rangpur	...	7	3	...	...	...	48·9	23·3	...	...	1	...	...	...	...	3	3	2	...	1	205·5	...	...	...	...	44·2	58·1	59·5	...	109·2
Bogra ...	Bogra	...	...	1	...	...	...	...	14·6	...	...	...	...	...	...	...	...	1	...	...	...	[illegible]	...	...	...	...	...	37·5	...	...	...

Pabna ...	Pabna ...	...	3	1	...	...	...	20·9	5·7	...	...	1	...	...	...	1	...	...	1	...	1	101·9	...	...	...	38·6	...	...	29·5	...	46·3
	Sirajganj ...	...	2	3	...	...	...	8·9	12·6	...	...	1	1	1	1	...	...	1	...	...	...	76·6	22·8	21·0	23·5	...	...	13·2	...	...	...
Darjeeling ...	Darjeeling ...	...	13	1	1	...	...	72·6	40·0	14·2	...	2	3	...	...	2	4	3	...	...	...	308·6	112·4	...	...	78·4	51·9	63·1	...	...	...
Jalpaiguri ...	Jalpaiguri ...	...	1	3	...	...	...	9·0	40·7	...	...	1	...	1	...	1	...	...	...	...	1	211·3	...	55·6	...	61·0	...	...	...	...	170·4
Dacca ...	Dacca ...	...	18	33	...	...	...	15·7	29·5	...	...	15	2	4	1	3	4	8	5	3	6	343·7	13·2	20·3	4·9	13·0	7·5	19·8	19·0	22·3	49·0
	Narainganj ...	...	3	3	...	...	...	16·0	19·7	...	...	...	1	...	...	...	1	1	1	2	...	...	41·3	...	...	...	12·2	15·0	24·5	110·9	...
Faridpur ...	Faridpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Backergunge...	Barisál ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mymensingh ...	Nasirabad ...	...	5	4	...	...	...	39·9	42·1	...	...	3	...	...	1	1	1	1	1	...	1	816·7	...	...	51·5	42·6	16·4	22·6	48·4	...	134·0
Chittagong ...	Chittagong ...	...	4	12	...	...	...	33·1	37·2	...	...	4	2	3	2	...	2	...	...	1	2	554·6	40·7	50·5	38·1	...	21·0	...	...	41·1	103·4
Noakhali ...	Sudharám ...	...	1	2	...	...	...	18·4	39·9	...	...	1	1	...	...	...	...	...	...	1	...	320·9	122·3	...	...	...	...	...	...	165·0	...
Tippera ...	Comilla ...	...	2	2	...	...	...	17·2	12·2	...	...	...	...	...	...	1	2	...	1	...	...	...	...	...	...	33·8	36·2	...	26·6	...	...
Patna ...	Patna City ...	...	64	8	...	...	...	29·4	10·4	...	...	14	15	8	3	3	6	7	4	3	9	168·4	57·8	25·4	10·1	12·5	11·7	17·5	11·5	12·3	36·1
	Bihár ...	...	23	8	...	...	...	36·7	27·5	...	...	4	5	1	4	...	4	1	3	2	7	138·2	52·9	8·2	38·6	...	27·3	7·9	30·0	29·4	105·2
	Dinapore ...	...	12	6	...	...	...	19·3	29·3	...	...	6	1	1	1	2	...	...	2	2	3	220·2	12·6	10·5	11·3	32·3	...	...	22·2	33·6	40·7
Gaya ...	Gaya ...	...	47	9	...	...	...	38·7	27·2	...	...	9	12	3	4	3	6	3	4	4	8	226·6	95·7	19·2	26·2	25·4	21·2	13·2	20·6	33·6	73·0
Shahabad ...	Arrah ...	...	20	7	...	...	...	31·1	27·8	...	...	4	4	2	3	1	2	...	1	2	8	124·0	48·0	18·2	29·2	13·3	12·5	...	10·7	33·8	120·8
	Buxar ...	...	12	4	...	...	...	52·9	57·9	...	...	...	...	3	1	1	2	3	3	...	3	...	...	83·6	31·2	43·5	35·9	61·1	88·5	...	169·1
Muzaffarpur ...	Muzaffarpur ...	3	91	43	...	...	626·5	134·4	163·5	...	...	14	27	16	13	9	19	5	12	13	9	599·1	340·9	150·3	145·0	114·4	99·6	30·9	110·8	217·8	304·7
Darbhanga ...	Darbhanga ...	...	104	16	...	...	...	110·5	42·3	...	...	11	19	12	11	5	11	11	11	16	13	244·6	151·9	78·3	84·7	50·9	45·1	54·1	72·8	172·3	148·3
Saran ...	Chapra ...	...	29	7	...	...	...	35·9	28·3	...	...	11	8	...	3	...	4	1	5	1	3	274·2	85·5	...	25·0	...	21·0	6·0	40·2	13·2	87·4
Champaran ...	Motihari ...	...	25	6	...	...	...	135·2	90·9	...	...	1	10	...	1	2	8	6	2	1	...	171·0	450·3	...	36·8	101·7	146·0	144·9	70·5	74·9	...
Monghyr ...	Monghyr ...	...	32	4	...	...	...	37·7	16·5	...	...	7	5	4	2	...	8	...	3	3	4	198·3	64·2	29·4	16·6	...	42·3	...	24·7	38·7	54·0
	Jamálpur ...	...	9	1	...	...	...	33·1	15·7	...	...	1	3	2	...	1	1	1	...	1	...	74·2	83·2	46·3	...	38·8	16·3	18·4	...	46·3	...
Bhágalpur ...	Bhágalpur ...	...	26	10	...	...	...	27·6	126·4	...	...	7	6	1	1	...	3	5	1	6	6	155·6	47·9	6·5	7·7	...	12·3	24·6	6·6	84·5	68·4
Purnea ...	Purnea ...	...	3	2	...	...	...	16·2	21·3	...	...	...	...	1	...	...	...	2	1	1	...	...	...	37·1	...	...	...	36·5	27·8	60·6	...
Malda ...	English Bazar ...	...	1	...	...	...	...	6·4	...	...	...	...	1	...	...	...	...	...	...	...	...	...	43·8	...	...	...	...	...	...	...	...
Sonthal Parganas.	Deoghur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuttack ...	Cuttack ...	...	12	3	...	...	...	17·0	18·5	...	...	4	1	...	...	...	3	1	2	1	3	164·4	13·2	...	...	...	18·6	7·9	20·3	17·2	40·1
Puri ...	Puri ...	...	16	1	...	...	...	29·2	193·3	...	...	3	1	...	...	3	5	3	1	...	1	351·3	26·8	...	...	59·9	48·9	32·7	13·2	...	24·9
Balasore ...	Balasore ...	1	12	2	...	...	103·7	36·8	30·9	...	...	4	1	2	...	...	2	1	2	...	3	294·2	29·5	43·9	...	...	25·7	17·9	41·8	...	143·2
Hazáribágh ...	Hazáribágh ...	...	8	6	...	1	...	34·2	76·1	...	252·4	4	1	1	...	...	5	...	2	1	1	370·7	30·7	20·8	...	...	102·7	...	63·5	56·2	58·4
Lohardaga ...	Ranchi ...	5	5	8	...	...	89·8	26·0	82·5	...	...	7	...	1	...	1	4	5	...	...	...	624·3	...	19·5	...	30·3	58·9	79·6	...	...	...
Singhbhum ...	Chaibassa ...	...	14	...	...	5	...	180·2	...	...	172·9	...	6	5	1	...	1	...	2	1	3	...	418·2	261·5	66·6	...	42·2	...	154·0	154·3	539·1
Manbhum ...	Purulia ...	...	2	2	...	...	...	10·5	64·0	...	...	1	...	...	...	1	1	...	...	1	...	166·1	...	...	...	42·3	23·9	...	...	73·0	...
	TOTAL ...	10	848	315	1	7	26·3	33·8	30·3	12·0	36·7	189	167	91	74	66	155	119	104	95	121	197·4	55·5	23·5	21·5	31·6	22·1	20·3	24·4	38·4	56·7

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 25th June 1892.

W. H. GREGG, *Dip. Publ. Health, Camb.,*
Sanitary Commissioner for Bengal.

EASTERN BENGAL STATE RAILWAY.

Abstract of principal commodities carried over the Eastern Bengal State Railway during the month of March 1892, as compared with the same month of the previous year.

Staples.	1892.		1891.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1892.	1891.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal ...	6,707	19,120	4,175	2,358	30,861*	12,041*	18,820	......
Cotton, raw ...	19	1,369	61	122	1,388	183	1,205	......
Cotton twist and yarn—								
1.—European ...								
2.—Indian ...								
Cotton piece-goods—								
1.—European—								
a.—In bales and bundles ...	1,991	202	2,080	167	2,193	2,247	......	54
b.—In boxes ...								
2.—Indian—								
a.—In bales and bundles ...								
b.—In boxes ...								
Grains—								
2.—Rice ...	9,723	1,122	1,137	5,393	10,845	7,530	3,315	.....
5.—Others ...	3,282	5,592	1,515	11,014	8,874	12,529	......	8,655
Hides and skins—								
1.—Hides of cattle—								
a.—Dressed ...								
b.—Undressed ...								
2.—Skins of sheep, &c.—	7	650	1	1,031	657	1,032	......	375
a.—Dressed ...								
b.—Undressed ...								
Jute—								
1.—Raw—								
a.—Screwed ...	......	568	......	5,742	568	5,743	......	5,175
b.—Unscrewed ...	3	1,139	4	13,406	1,142	13,410	......	18,268
2.—Gunny-bags and cloth ...	356	1,477	305	1,594	1,833	1,899	......	66
Metals—								
1.—Copper, unwrought ...								
2.—Brass, unwrought ...								
3.—Brass and copper, wrought ...	4,269	85	929	131	4,354	1,060	3,294	......
4.—Iron ...								
5.—Tin ...								
6.—Others ...								
Oils—								
2.—Kerosine ...	2,350	36	1,059	6	2,386	1,065	1,321	....
3.—Others ...	383	57	210	11	440	221	219	......
Oil-seeds—								
1.—Linseed ...								
2.—Rape and mustard ...								
3.—Til or gingelly ...								
4.—Niger ...	202	4,728	77	5,372	4,930	5,449	......	519
5.—Castor ...								
6.—Poppy ...								
7.—Others ...								
Provisions—								
2.—Betel-nuts ...	209	844	143	888	1,053	1,031	22	
3.—Others ...	902	645	660	219	1,547	879	668	......
Railway plant and rolling-stock ...	......	......	......	......	14,399†	7,769†	6,630	......
Salt ...	4,179	77	2,647	8	4,256	2,055	1,001	......
Sugar—								
1.—Drained ...	1,727	1,973	1,680	1,270	3,700	2,950	750	......
2.—Undrained ...								
Tea—								
1.—Foreign ...	.....	136	......	11	136	11	125	......
2.—Indian ...								
Wood—								
1.—Timber ...	555	339	137	103	894	240	654	......
2.—Firewood ...	1,851	......	2,048	......	1,851	2,048	......	197
Tobacco ...	69	2,373	67	1,084	2,442	1,151	1,291	......
All other articles of merchandise—								
1.—Unmanufactured ...	5,057	3,788	7,971	2,931	8,845	10,902	......	2,057
2.—Manufactured ...								
Hay, straw, and wooloo (C. & S.-E. Sections)...	1,131	......	796	......	1,131	796	335	......
Total ...	45,062	46,320	28,702	58,862	1,10,725	1,00,841	40,250	30,366

* Includes 4,914 tons and 5,508 tons during 1892 and 1891, respectively, carried for Revenue, for which no "Up" and "Down" register maintained.

† Railway plant and rolling-stock 14,399 tons and 7,769 tons for the years 1892 and 1891, respectively, for which no "Up" and "Down" register maintained.

Statement of principal commodities carried on the Eastern Bengal State Railway during the month of March 1892.

INCREASES.

	Tons.
Coal ...	18,820
For railway and Flotilla consumption principally.	
Rice ...	3,315
The chief increase is in despatches from Goalundo, Nawabganj, Joypurhat, and Sara Ghat. This is due to a short crop in the northern and Bihár districts, and to a brisk demand in the both districts and also to a rise in prices in the Calcutta market. Magra Hât also contributed to the increase, owing to the fact that the water in the canal is too low to allow of country boats carrying the traffic.	
Railway plant and rolling-stock ...	6,630
For renewals and repairs; and for Bengal-Assam, Bengal Dooars, and Kuch Bihar Railways.	
Salt ...	1,601
Ordinary fluctuation.	
Cotton ...	1,205
Postgolah and Goalundo show the principal increases. The traffic is a growing one.	
Tobacco ...	1,291
This increase was contributed principally by D. K. G., Siliguri, Domar and Araria, due to a good crop and a favourable market.	

DECREASES.

	Tons.
Jute, screwed ...	5,175
Daroani, Haldibari, Kasbba, and Damukdia Ghat show large decreases, due to short crop.	
Jute, unscrewed ...	18,268
The heavy decreases are in despatches from Goalundo, Sirajganj, Mymensingh, Kaunia, and Kaoraid, due to short crop.	

CALCUTTA, *the 22nd June 1892.*

P. BARCLAY,
Traffic Superintendent.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 18th June 1892, on 1,558½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P	Rs. A. P.	Rs. A. P			
Total traffic for the week ...	* 288,977	*2,76,951 4 0	23,52,072 20	5,49,961 5 0	23,925 8 0	8,50,538 1 0	71 390	107,643½	179,033½
Or per mile of railway	.. .	177 11 8	.	352 14 1	15 5 7	545 14 11	. .	.....	
For previous 23¾ weeks of half-year	6,690,664	71 15,831 1 0	6,96,71,219 20	1,69,64,866 7 8	4,47,153 7 9	2,45,27,851 0 5	1,754,292½	2,797,916	4,552,208½
Total for 24¾ weeks ...	6,979 641	73,92,782 5 0	7,20,23,892 0	1,75,14,827 12 8	4,71,078 15 9	2,53,78,689 1 5	1,825,692½	2,905,559½	4,731,241½
Comparison.									
Total for corresponding week of previous year	316,736	2,91 605 6 0	29,07,886 20	6,60,033 2 2	18,425 5 11	9,70,063 14 1	72,641	110,452	183,093
Per mile of railway corresponding week of previous year .	......	191 2 6	......	432 10 8	12 1 3	635 14 5	.. ...	... ..	.
Total for corresponding 24¾ weeks of previous year ..	6,908,118	78,61,218 6 4	6,96,26,293 0	1,67,16,295 4 6	5,10,129 8 6	2,50,87,643 3 4	1,816,526	2,619,003	4,435,599

* The decrease in coaching is due to figures for the corresponding period of 1891 having included traffic on account of "Dashohara" bathing festival.

PATNA-GAYA STATE RAILWAY.

Approximate Return of Traffic for week ended 18th June 1892, on 57½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P	Rs. A. P.	Rs A. P			
Total traffic for the week ..	12,199	5,934 12 0	40 573 10	2,837 15 0	45 0 0	8 817 11 0	1,620	774	2,394
Or per mile of railway . ..	213	103 12 1	709 20	49 9 10	0 12 7	154 2 6		...	. ..
For previous 23¾ weeks of half-year	337,292	1,70,637 12 0	15,46,620 20	90,774 4 0	1,133 9 3	2,62,545 9 3	39,096	23,019	62,115
Total for 24¾ weeks ..	349,491	1,76,572 8 0	15,87,193 20	93,612 3 0	1,178 9 3	2,71,363 4 3	40,716	23,793	64,509
Comparison.									
Total for corresponding week of previous year	12,014	5,390 11 4	47,682 20	3,190 10 0	30 13 9	8,621 3 1	1,057	552	1,609
Per mile of railway corresponding week of previous year	210	94 6 5	833 30	55 12 6	0 8 7	150 11 0	. .	....	.... .
Total for corresponding 24¾ weeks of previous year ...	410,958	2,24,521 9 7	*12,33,035 10	*84,917 10 0	†1,754 11 0	3,11,194 14 7	38,012	19 762	57,774

* Deducted maunds 88-30 and Rs. 0 3 0 } on account of supplemental audited return for the quarter ended 31st March 1891.
† Added „ 441 13 0 }

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 18th June 1892, on 22½ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise	Total.
		Rs. A. P.	Mds. s.	Rs A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	(a)20,124	(a)4,421 0 0	8,064 10	249 15 0	18 0 0	4,688 15 0	862	144	1,006
Or per mile of railway	......	198 11 2	......	11 3 9	0 12 11	210 11 10	.....	...	. ..
For previous 23¾ weeks of half-year	526,120	1,36,423 1 0	3,78,851 30	13,643 5 9	269 0 9	1,50,335 7 6	20,710	2,539	23,249
Total for 24¾ weeks ...	546,244	1,40,844 1 0	3,86,916 0	13,893 4 9	287 0 9	1,55,024 6 6	21,572	2,683	24,255
Comparison.									
Total for corresponding week of previous year	23,704	5,995 0 3	8,067 20	275 13 0	18 14 3	6,289 11 0	901	67	968
Per mile of railway corresponding week of previous year ..	......	269 7 0	.. ..	12 6 4	0 13 7	282 10 11	......	......	. .
Total for corresponding 24¾ weeks of previous year ...	595,977	1,58,657 8 2	3,23,734 20	11,186 0 0	*283 6 0	1,70,126 14 2	22,523	2,449	24,972

(a) The decrease in coaching is due to figures for the corresponding period of 1891 having included traffic on account of "Dashohara" bathing festival.
* Added Rs. 18 on account of supplemental audited return for the quarter ended 31st March 1891.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 18th June 1892, on 162 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic		Other earnings (estimated)	Total earnings	Traffic Train-miles run.		
	Number of passengers	Receipts	Weight carried	Receipts			Coaching	Merchandise.	Total.
		Rs A P	Mds s	Rs A P.	Rs A P	Rs. A P			
Total traffic for the week	*18 105	*11 840 9 0	54,657 30	8 155 9 0	80 0 0	20 083 1 0	6,435	3,274½	8,709½
Or per mile of railway		73 2 4		50 5 6	0 7 11	123 15 9			
For previous 23⅞ weeks of half year	388 728	2 98 784 8 0	10, 0,376 30	1,91,441 0 0	1,760 15 9	4 91,787 0 9	144,721	49,524	194,245
Total for 24⅞ weeks	406,833	3 10,434 0 0	11 05,034 20	1 99 597 2 0	1 840 15 9	5,11 8 2 1 9	151,156	51,798½	202,954½
Comparison.									
Total for corresponding week of previous year	20 666	13 709 9 11	40,207 20	10,884 12 0	55 3 6	24 649 9 5	6,695	1,512	8,207
Per mile of railway corresponding week of previous year		84 10 0		67 3 1	0 5 5	152 2 6		.	.....
Total from 1st March to corresponding period 16 weeks of previous year	263 907	2 17 542 13 5	†6 03,608 30	†1 26 099 14 3	888 15 0	3 44,531 10 8	107,056	26,008	133,059

* The decrease in coaching is due to figures for the corresponding period of 1891 having included traffic on account of "Dasholara" bathing festival.
† Added maun 81 ... Rs 555 12 0 on account of supplemental audited return for the quarter ended 31st March 1891

EASTERN BENGAL STATE RAILWAY

(Including N. B., Dacca, K. D., and Assam-Bihar Sections)

Approximate Return of Traffic for week ended 18th June 1892, on 777 miles open

	Coaching Traffic		Merchandise and Mineral Traffic		Other earnings.	Total earnings.	Traffic Train-miles run.		
	Number of passengers	Receipts	Weight carried	Receipts.			Coaching	Merchandise.	Total.
		Rs A P	Mds. s	Rs A P	Rs A P	Rs A P			
Total traffic for the week	167 807	72 380 0 0	4,13 177 0	80,160 0 0	10,130 0 0	1 62 670 0 0	26,938	28,213	55,151
Or per mile of railway	216	93 0 0	532 0	103 0 0	† 2 0 0	118 0 0			.. ...
For previous 23 weeks of half-year*	3,945 589	19 07 733 0 0	1,34,04 736 0	18,54,851 0 0	3 30,452 0 0	40,93 036 0 0	635 104	665,967	1,301,071
Total for 24 weeks	4,113 396	19 80 113 0 0	1 38,17,913 0	19 35 011 0 0	3 40 582 0 0	42 55 706 0 0	662 042	694,180	1,356,222
Comparison									
Total for corresponding week of previous year	(a) 184 104	86 157 0 0	4,34 076 0	78,777 0 0	15,203 0 0	1,80,227 0 0	27,152	26,961	54,153
Per mile of railway corresponding period of previous year	237	111 0 0	559 0	101 0 0	† 9 0 0	221 0 0		.	..
Total to corresponding date of previous year	4 17 232	24 49 514 0 0	1 63,71 167 0	29,09,297 0 0	5,54,514 0 0	59 13,325 0 0	656 648	884,223	1,540,871

* Audited up to week ending 7th May 1892.
† Excluding steamer earnings
(a) Due to Dasholara bathing festival

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 18th June 1892, on 125 miles open

	Coaching Traffic		Merchandise and Mineral Traffic.		Other earnings	Total earnings.	Traffic Train-miles run.		
	Number of passengers	Receipts	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs A. P	Mds. s.	Rs. A. P	Rs. A. P.	Rs. A. P.			
Total traffic for the week	28,973	11,170 0 0	30,148 0	2,310 0 0	50 0 0	13,530 0 0	3,800	1,872	5,672
Or per mile of railway	232	89 0 0	241 0	19 0 0		108 0 0		..	...
For previous 23 weeks of half year*	702,315	2 52,524 0 0	13,30,718 0	83,824 0 0	2,160 0 0	3,38,508 0 0	84,936	*47,338	132,274
Total for 24 weeks	731 288	2,63,694 0 0	13,60,856 0	86,134 0 0	2,210 0 0	3,52,038 0 0	88,736	49,210	137,946
Comparison.									
Total for corresponding week of previous year	34,680	(a)16,934 0 0	45,187 0	2,892 0 0	53 0 0	19,880 0 0	3,800	1,872	5,672
Per mile of railway corresponding week of previous year	277	136 0 0	361 0	23 0 0	......	159 0 0		...	......
Total to corresponding date of previous year	753,360	3,17,301 0 0	16,33,656 0	99,374 0 0	1,690 0 0	4,18,365 0 0	86,343	54,466	140,805

* Audited up to week ending 7th May 1892.
(a) Due to Dasholara bathing festival.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 18th June 1892, on 86 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	17,504	5,520 0 0	11,109 0	1,070 0 0	60 0 0	6,650 0 0	2,527	737	3,264
Or per mile of railway	204	64 0 0	129 0	12 0 0	1 0 0	77 0 0	......	......	......
For previous 23 weeks of half-year*	391,144	1,24,857 0 0	2,92,255 0	22,768 0 0	3,581 0 0	1,51,206 0 0	58,226	16,806	75,032
Total for 24 weeks ...	408,648	1,30,377 0 0	3,03,364 0	23,838 0 0	3,641 0 0	1,57,856 0 0	[illegible]53	17,543	78,296
Comparison.									
Total for corresponding week of previous year	17,296	5,368 0 0	8,911 0	949 0 0	433 0 0	6,750 0 0	2,415	689	3,104
Per mile of railway corresponding period of previous year ...	201	62 0 0	104 0	11 0 0	5 0 0	78 0 0	......	......	......
Total to corresponding date of previous year	441,063	1,50,178 0 0	6,54,091 0	56,087 0 0	4,782 0 0	2,11,827 0 0	60,773	25,931	86,704

* Audited up to week ending 7th May 1892.

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhut State Railway.)

Approximate Return of Traffic for the week ending 11th June 1892, on 755 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Coaching.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 755 miles open	96,290	39,580	3,68,160	53,720	12,600	1,05,900	12,280	23,799	36,079
Or per mile of railway	127·54	52·42	487·63	71·15	16·69	140·26	......	......	......
For previous 22 1/7 weeks of half-year	2,090,529	9,27,662	92,12,429	13,74.848	2,83,962	25,86,472	266,813	465,492	732,309
Total for 23 1/7 weeks	2,186,810	9,67,242	95,80,589	14,28,568	2,96,562	26,92,372	279,093	489,201	768,384
Comparison.									
Total for corresponding week of previous year on 712 miles open	106,954	39,443	3,49,985	49,160	10,607	99,210	11,556	23,564	35,119
Per mile of corresponding week of previous year	150·22	55·40	491·55	69·04	14·90	139·34	......	......	......
Total to corresponding date of previous year	2,323,453	9,76.526	98,30,206	13,85,705	2,35,196	25,97,427	261,251	469,489	730,740

BENGAL AND NORTH-WESTERN RAILWAY.

(Includes the Tirhut State Railway.)

Approximate Return of Traffic for the week ending 18th June 1892, on 755 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic		Other earnings (estimated), including steam-boat.	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 755 miles open	91,770	39,690	3,38,490	44,490	11,110	95,290	12,307	17,700	30,103
Or per mile of railway	121·55	52·57	448·33	58·93	14·71	126·21	....	....	......
For previous 23 1/7 weeks of half-year	2,192,227	9,65,495	95,73,111	14,28,947	2,97,478	26,91,920	278,955	492,093	771,048
Total for 24 1/7 weeks ...	2,283,997	10,05,185	99,11,601	14,73,437	3,08,588	27,87,210	291,352	509,799	801,151
Comparison.									
Total for corresponding week of previous year on 712 miles open	112,357	40,259	4,53,520	52,588	12,570	1,05,417	11,183	25,381	36,564
Per mile of corresponding week of previous year	157·80	56·54	636·97	73·86	17·66	148·06	......	......	......
Total to corresponding date of previous year	2,435,810	10,16,785	1,02,82,726	14,38,293	2,47,766	27,02,844	272,434	490,870	767,304

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 4th June 1892	12,700	0	0
Corresponding period of 1891	12,263	0	0
Increase	437	0	0
Receipts per mile for week ending 4th June 1892	249	0	4
Corresponding period of 1891	240	7	5
Increase	8	8	11
Receipts from 1st January to 4th June 1892	2,56,098	0	0
Corresponding period of 1891	2,39,654	0	0
Increase	16,444	0	0

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

	Rs.	A.	P.
Approximate earnings for week ending 11th June 1892	13,286	0	0
Corresponding period of 1891	12,905	0	0
Increase	381	0	0
Receipts per mile for week ending 11th June 1892	260	8	2
Corresponding period of 1891	253	0	6
Increase	7	7	8
Receipts from 1st January to 11th June 1892	2,69,384	0	0
Corresponding period of 1891	2,52,559	0	0
Increase	16,825	0	0

Printed and published by EDWIN MORRIS LEWIS at the Printing Office of the Bengal Secretariat, Writers' Buildings, in the City of Calcutta, 29th June 1892.